

Moyno® Power Sections

168M5623 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	51.00 (1295)
Overall Length:	55.00 (1397)
Contour OD:	1.063 (27.00)
Eccentricity:	0.076 (1.93)
*Head OD:	1.000 (25.40)
Weight:	10 (5) lbs (kg)
*Thread Form:	5/8"-11 UNC
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		0.906 (23.01)	0.904 (22.96)
STD Contour Maj. Diam. (Ref.)		1.212 (30.78)	1.212 (30.78)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.006 (0.15)	0.008 (0.20)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

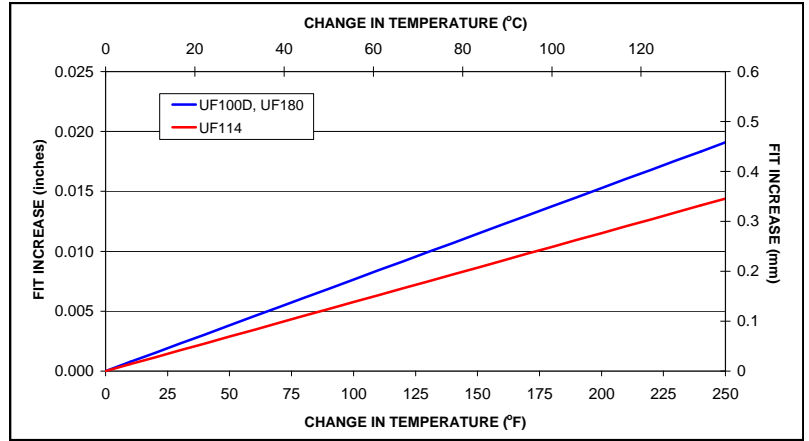
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.3
Nominal Tube OD:	1.688 (42.88)
Nominal Tube ID:	1.288 (32.72)
Overall Length:	60.00 (1524)
Rubber Cut-back:	
Side 1:	5.00 (127)
Side 2:	5.00 (127)
Weight:	17 (8) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

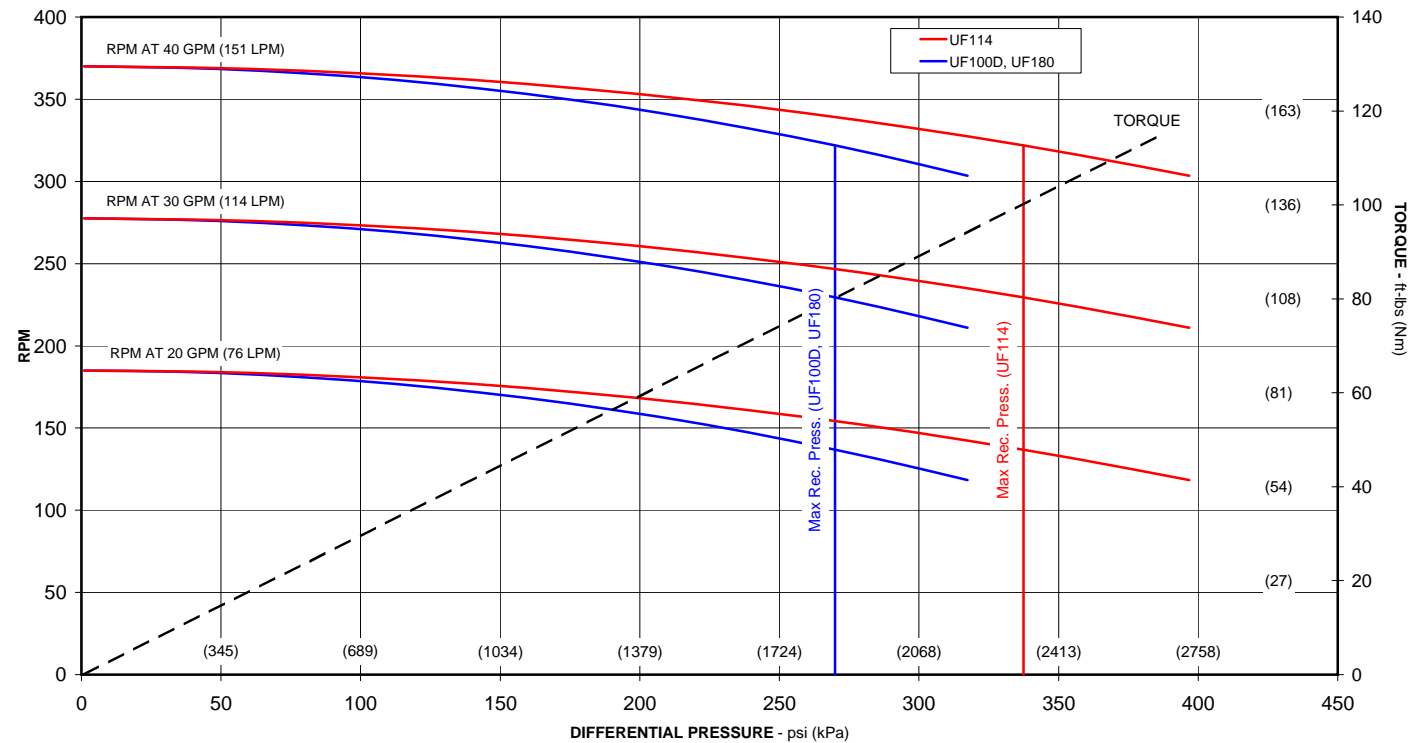
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	78 (538) psi (kPa)
Off Bottom Speed:	9.25 (2.44) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	6 (4) hp (kW)
(UF100D, UF180)	5 (4) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

168M5625 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	51.00 (1295)
Overall Length:	55.00 (1397)
Contour OD:	0.923 (23.44)
Eccentricity:	0.065 (1.65)
*Head OD:	1.000 (25.40)
Weight:	8 (4) lbs (kg)
*Thread Form:	5/8"-11 UNC
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		0.779 (19.79)	0.777 (19.74)
STD Contour Maj. Diam. (Ref.)		1.035 (26.29)	1.031 (26.19)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.014 (0.36)	0.016 (0.41)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

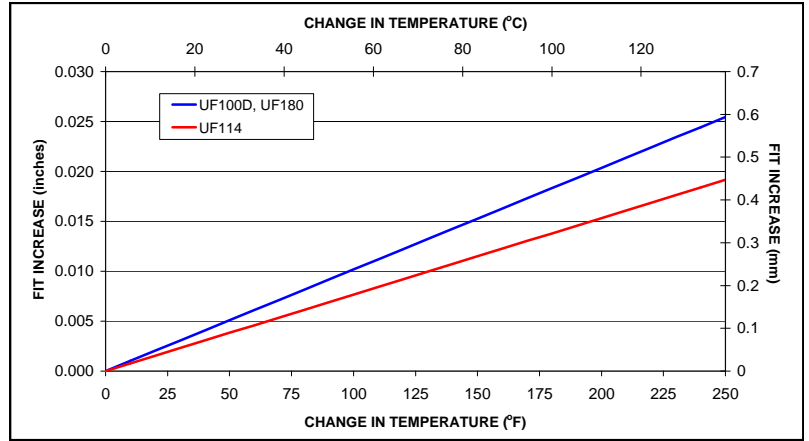
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.5
Nominal Tube OD:	1.688 (42.88)
Nominal Tube ID:	1.288 (32.72)
Overall Length:	60.00 (1524)
Rubber Cut-back:	
Side 1:	5.00 (127)
Side 2:	5.00 (127)
Weight:	17 (8) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

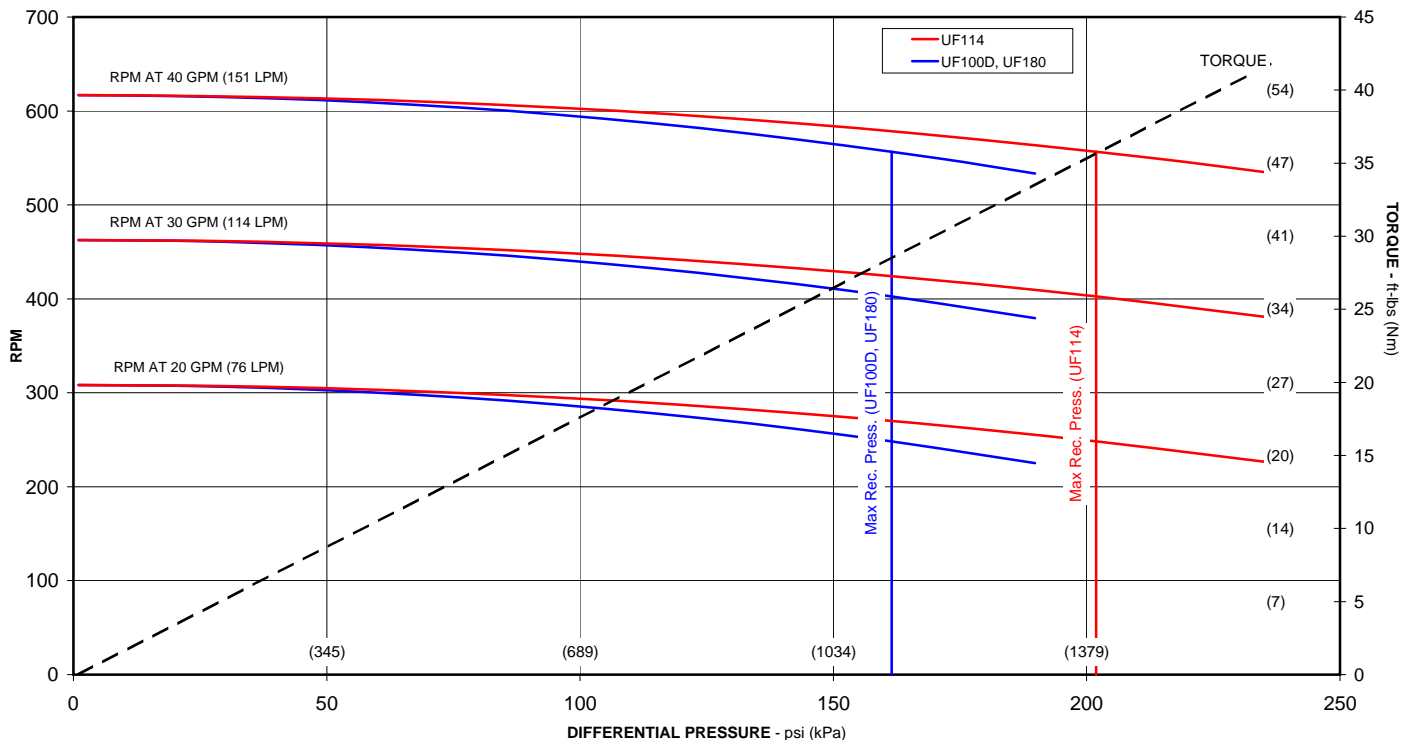
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	216 (1489)	psi (kPa)
Off Bottom Speed:	15.42 (4.07)	rev/gal (rev/l)
Power at Max. Rec.Press.		hp (kW)
(UF114)	4 (3)	
(UF100D, UF180)	3 (2)	

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

168M5640 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	50.16 (1274)
Overall Length:	54.16 (1376)
Contour OD:	1.106 (28.09)
Eccentricity:	0.069 (1.75)
*Head OD:	1.000 (25.40)
Weight:	9 (4) lbs (kg)
*Thread Form:	5/8"-11 UNC
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		0.990 (25.15)	0.988 (25.10)
STD Contour Maj. Diam. (Ref.)		1.265 (32.13)	1.263 (32.08)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.022 (-0.56)	-0.020 (-0.51)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

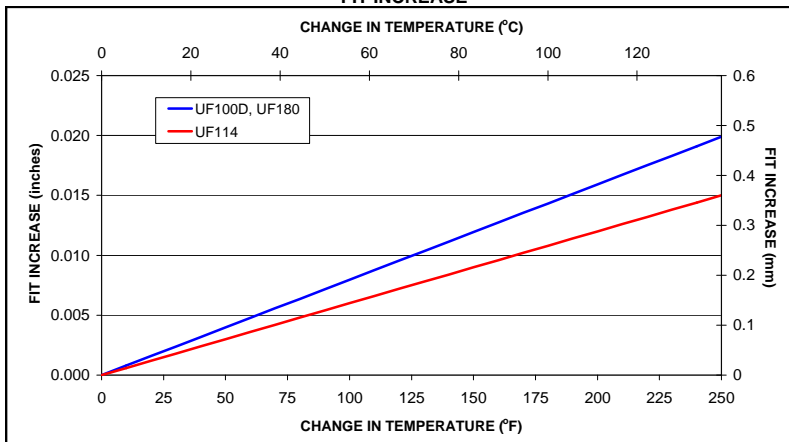
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	1.688 (42.88)
Nominal Tube ID:	1.388 (35.26)
Overall Length:	57.56 (1462)
Rubber Cut-back:	
Side 1:	4.20 (107)
Side 2:	4.20 (107)
Weight:	13 (6) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

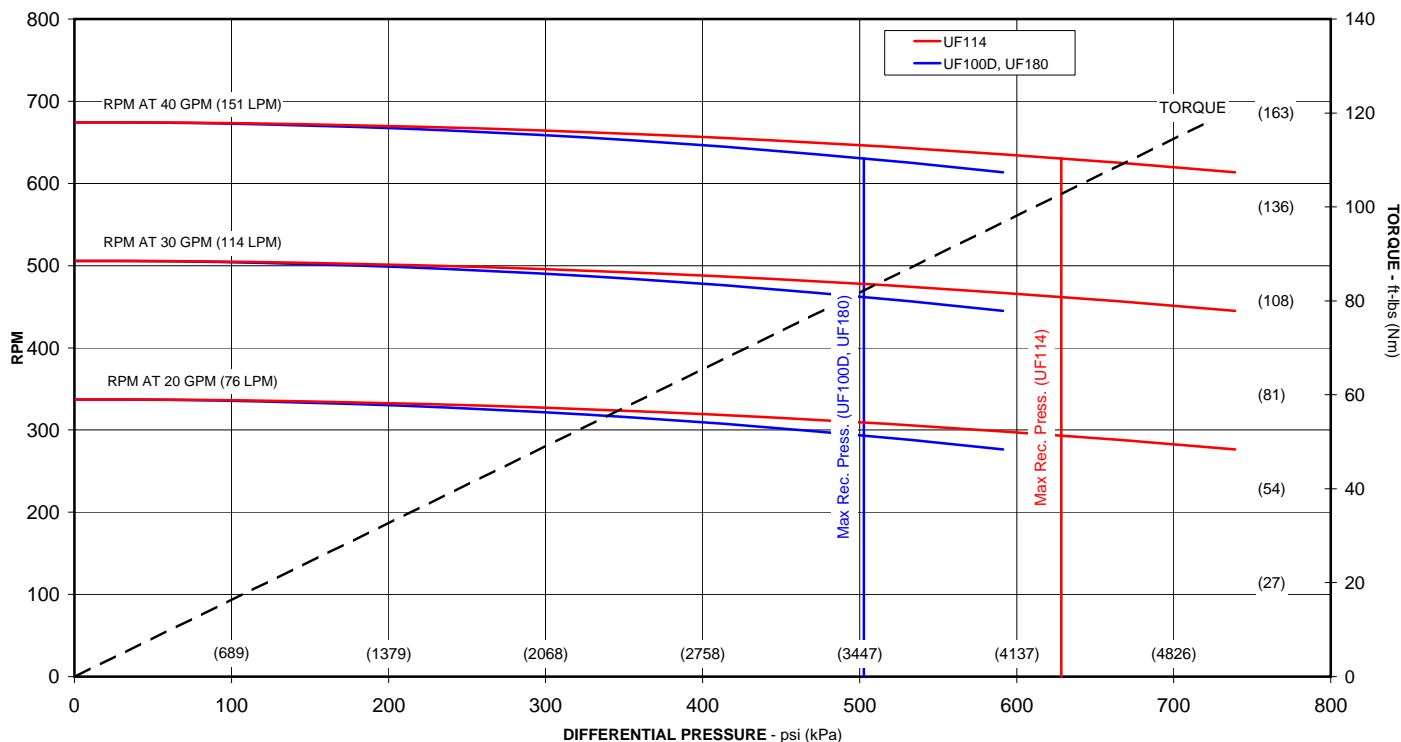
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	114 (786) psi (kPa)
Off Bottom Speed:	16.86 (4.45) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	12 (9) hp (kW)
(UF100D, UF180)	10 (7) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

168M5645 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	68.50 (1740)
Overall Length:	72.50 (1842)
Contour OD:	1.022 (25.96)
Eccentricity:	0.073 (1.85)
*Head OD:	1.000 (25.40)
Weight:	13 (6) lbs (kg)
*Thread Form:	5/8"-11 UNC
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		0.876 (22.25)	0.874 (22.20)
STD Contour Maj. Diam. (Ref.)		1.168 (29.67)	1.168 (29.67)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.002 (0.05)
	OS	N/A	N/A
	2OS	-0.014 (-0.36)	-0.012 (-0.30)
	3OS	N/A	N/A

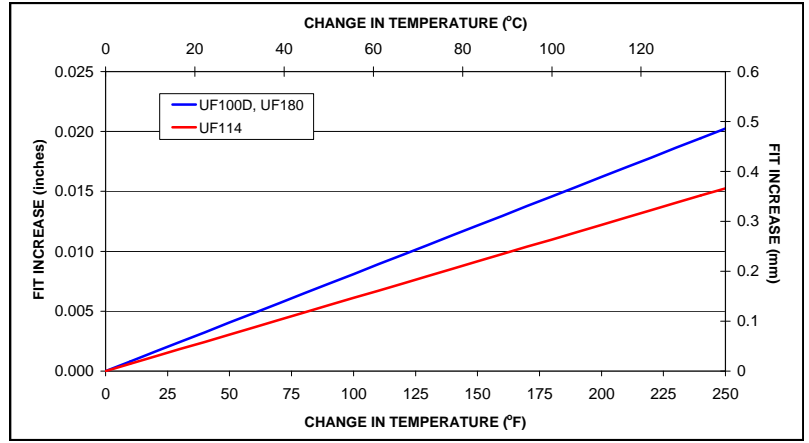
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.5
Nominal Tube OD:	1.688 (42.88)
Nominal Tube ID:	1.288 (32.72)
Overall Length:	81.50 (2070)
Rubber Cut-back:	
Side 1:	4.00 (102)
Side 2:	10.00 (254)
Weight:	23 (10) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

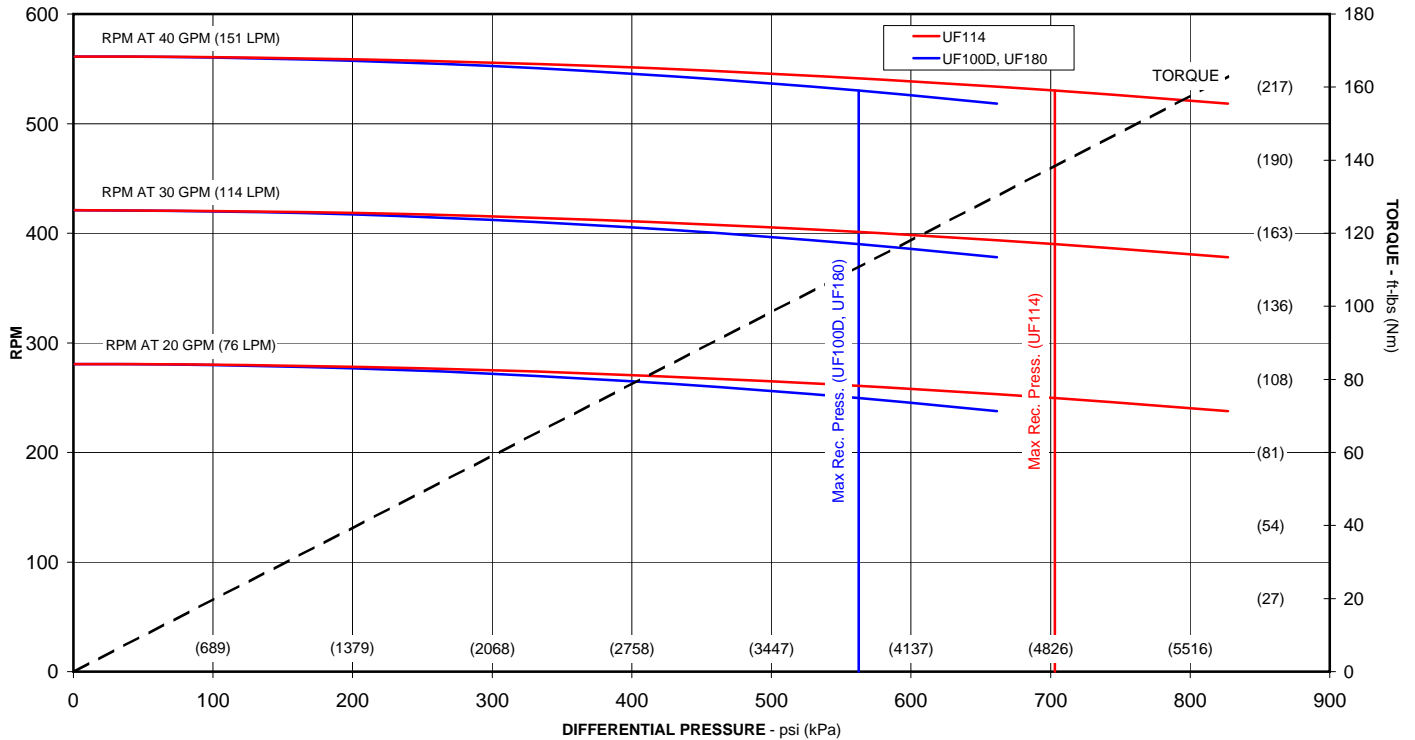
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	117 (807) psi (kPa)
Off Bottom Speed:	14.03 (3.71) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	14 (10) hp (kW)
(UF100D, UF180)	11 (8) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

213M5640 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	60.87 (1546)
Overall Length:	65.00 (1651)
Contour OD:	1.35 (34.29)
Eccentricity:	0.085 (2.16)
*Head OD:	1.250 (31.75)
Weight:	16 (7) lbs (kg)
*Thread Form:	29/32"-10 Stub/Acme
Material:	17-4 SS Bar

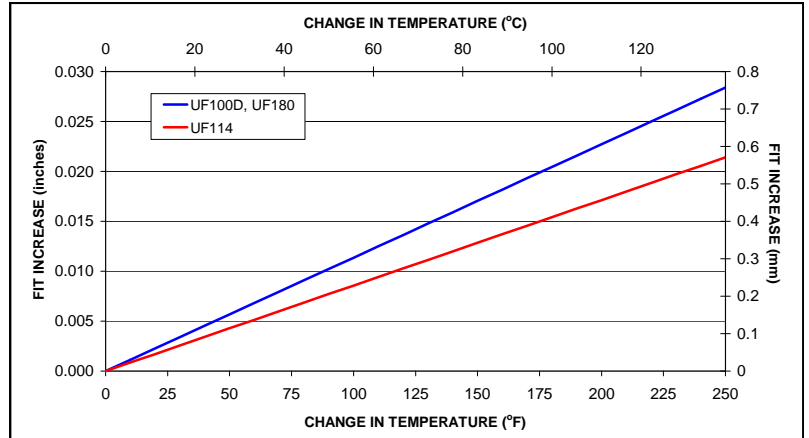
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.182 (30.02)	1.179 (29.95)
STD Contour Maj. Diam. (Ref.)		1.522 (38.66)	1.521 (38.63)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.002 (-0.05)	0.001 (0.03)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	2.125 (53.98)
Nominal Tube ID:	1.750 (44.45)
Overall Length:	66.50 (1689)
Rubber Cut-back:	
Side 1:	3.90 (99)
Side 2:	3.90 (99)
Weight:	25 (11) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

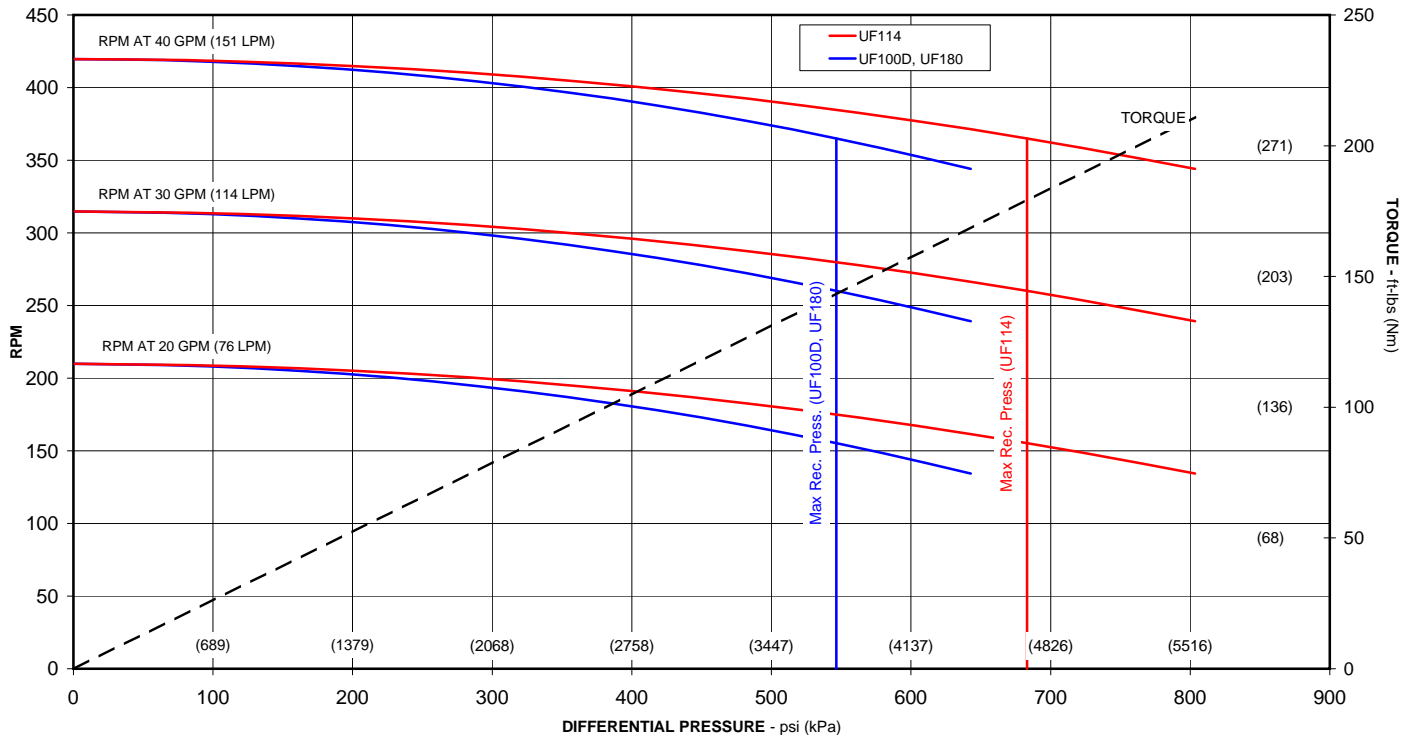
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	59 (407) psi (kPa)
Off Bottom Speed:	10.49 (2.77) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	12 (9) hp (kW)
(UF100D, UF180)	10 (7) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

213M5650 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	79.50 (2019)
Overall Length:	83.50 (2121)
Contour OD:	1.356 (34.44)
Eccentricity:	0.097 (2.46)
*Head OD:	1.250 (31.75)
Weight:	25 (11) lbs (kg)
*Thread Form:	29/32"-10 Stub/Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.163 (29.54)	1.160 (29.46)
STD Contour Maj. Diam. (Ref.)		1.525 (38.74)	1.524 (38.71)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.002 (0.05)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

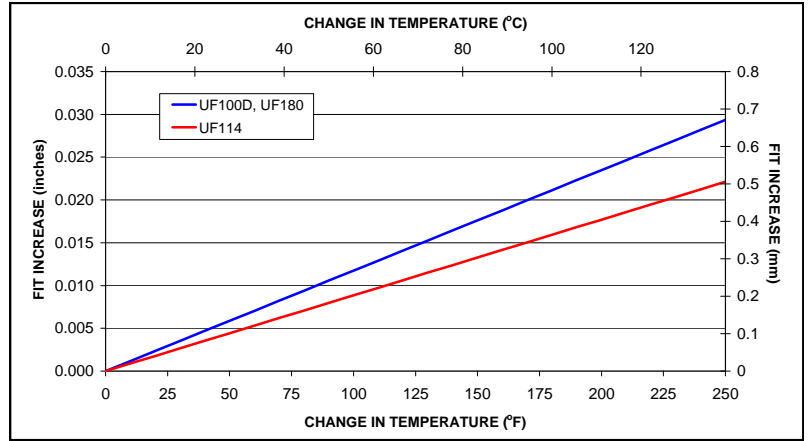
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	2.125 (53.98)
Nominal Tube ID:	1.750 (44.45)
Overall Length:	92.50 (2350)
Rubber Cut-back:	
Side 1:	4.00 (102)
Side 2:	10.00 (254)
Weight:	34 (15) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

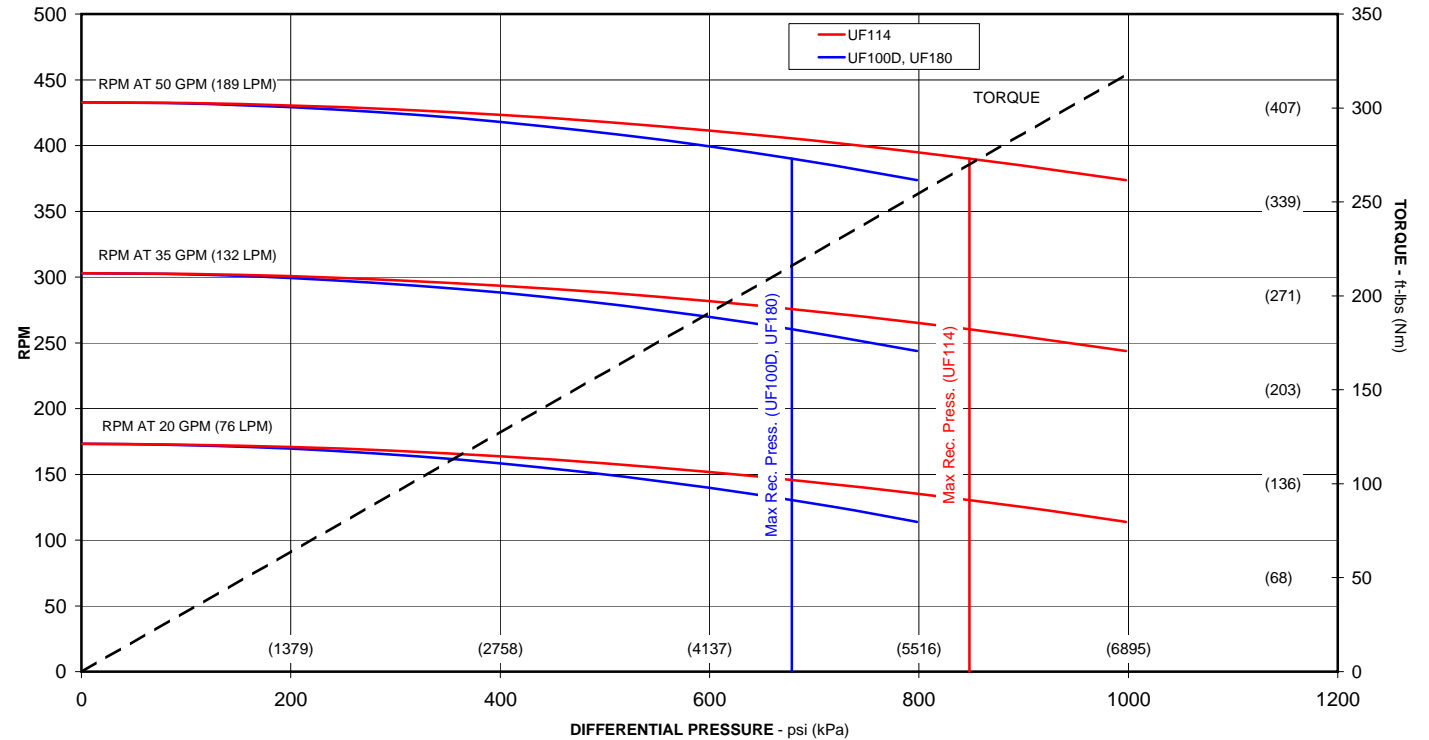
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	74 (510) psi (kPa)
Off Bottom Speed:	8.66 (2.29) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	20 (15) hp (kW)
(UF100D, UF180)	16 (12) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

213M5660 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	79.00 (2007)
Overall Length:	83.00 (2108)
Contour OD:	1.236 (31.39)
Eccentricity:	0.089 (2.26)
*Head OD:	1.250 (31.75)
Weight:	21 (10) lbs (kg)
*Thread Form:	7/8" - 9 TPI UN2B
Material:	17-4 SS Bar

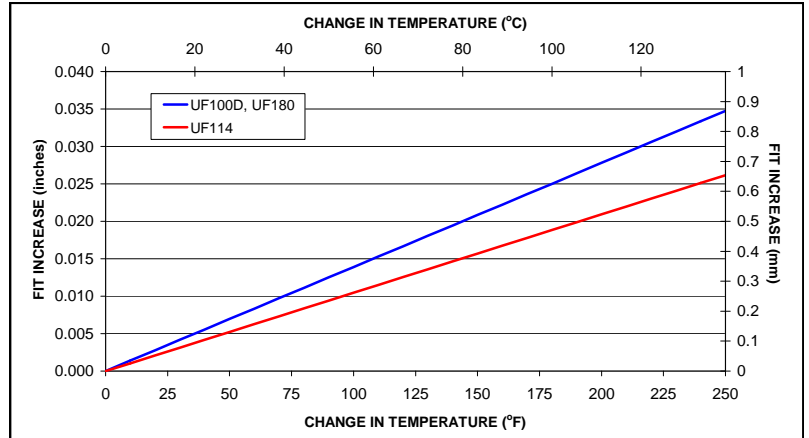
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.043 (26.49)	1.040 (26.42)
STD Contour Maj. Diam. (Ref.)		1.387 (35.23)	1.385 (35.18)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.016 (0.41)	0.019 (0.48)
	OS	N/A	N/A
	2OS	-0.008 (-0.20)	-0.005 (-0.13)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	6.0
Nominal Tube OD:	2.125 (53.98)
Nominal Tube ID:	1.750 (44.45)
Overall Length:	88.00 (2235)
Rubber Cut-back:	
Side 1:	5.00 (127)
Side 2:	5.00 (127)
Weight:	33 (15) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

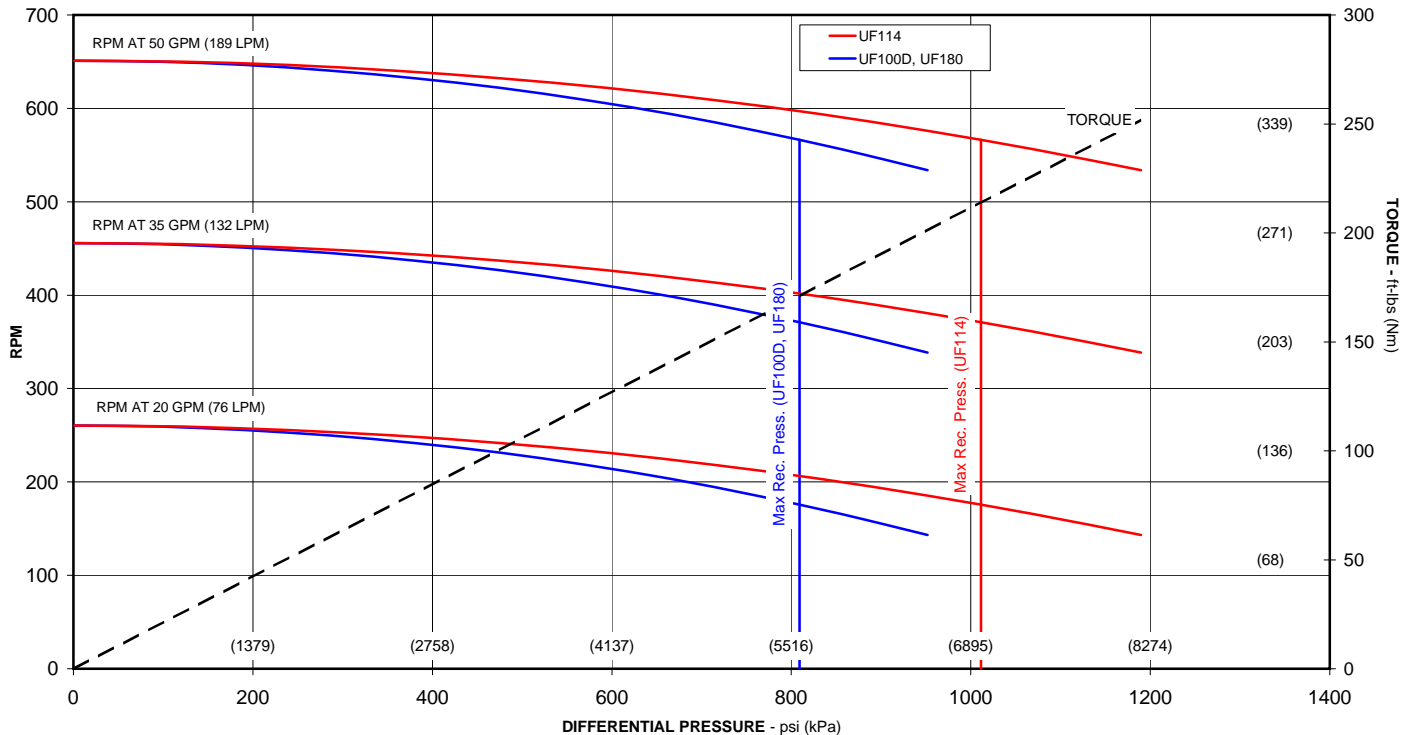
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	97 (669) psi (kPa)
Off Bottom Speed:	13.02 (3.44) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	23 (17) hp (kW)
(UF100D, UF180)	18 (13) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

238M1270 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	106.00 (2692)
Overall Length:	109.00 (2769)
Contour OD:	1.165 (29.59)
Eccentricity:	0.188 (4.78)
*Head OD:	1.250 (31.75)
Weight:	16 (7) lbs (kg)
*Thread Form:	3/4"-10 UNC
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		0.780 (19.81)	0.775 (19.69)
STD Contour Maj. Diam. (Ref.)		1.510 (38.35)	1.508 (38.30)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.015 (0.38)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

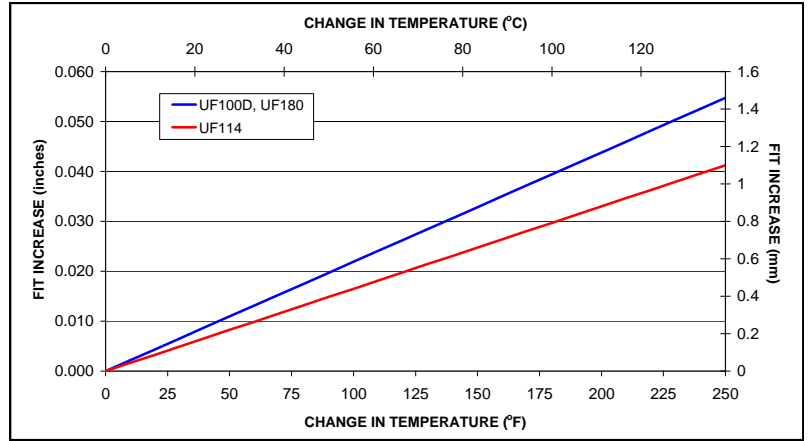
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	7.0
Nominal Tube OD:	2.375 (60.33)
Nominal Tube ID:	1.875 (47.63)
Overall Length:	117.00 (2972)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	63 (29) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

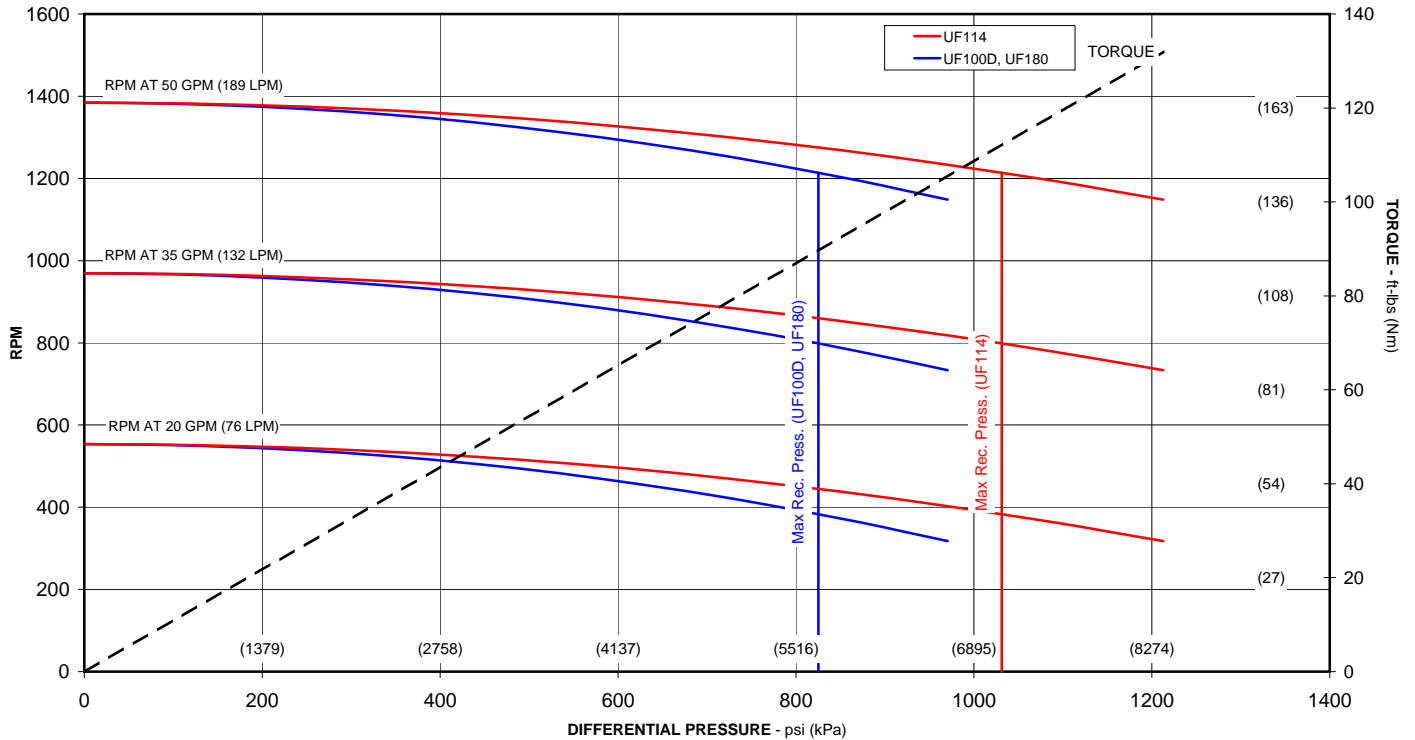
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	50 (345) psi (kPa)
Off Bottom Speed:	27.69 (7.31) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	26 (19) hp (kW)
(UF100D, UF180)	21 (16) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

238M5625 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	47.50 (1207)
Overall Length:	51.50 (1308)
Contour OD:	1.325 (33.66)
Eccentricity:	0.094 (2.39)
*Head OD:	1.000 (25.40)
Weight:	15 (7) lbs (kg)
*Thread Form:	3/4"-10 UNC
Material:	17-4 SS Bar

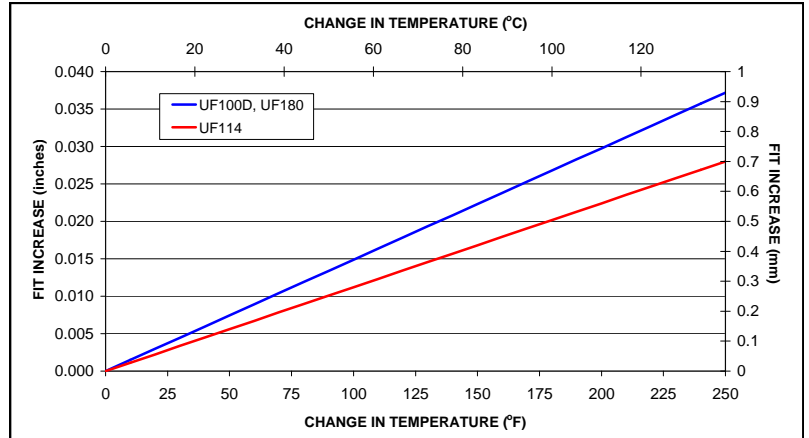
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.131 (28.73)	1.128 (28.65)
STD Contour Maj. Diam. (Ref.)		1.496 (38.00)	1.494 (37.95)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.006 (0.15)	0.010 (0.25)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.5
Nominal Tube OD:	2.375 (60.33)
Nominal Tube ID:	1.875 (47.63)
Overall Length:	58.50 (1486)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	30 (14) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

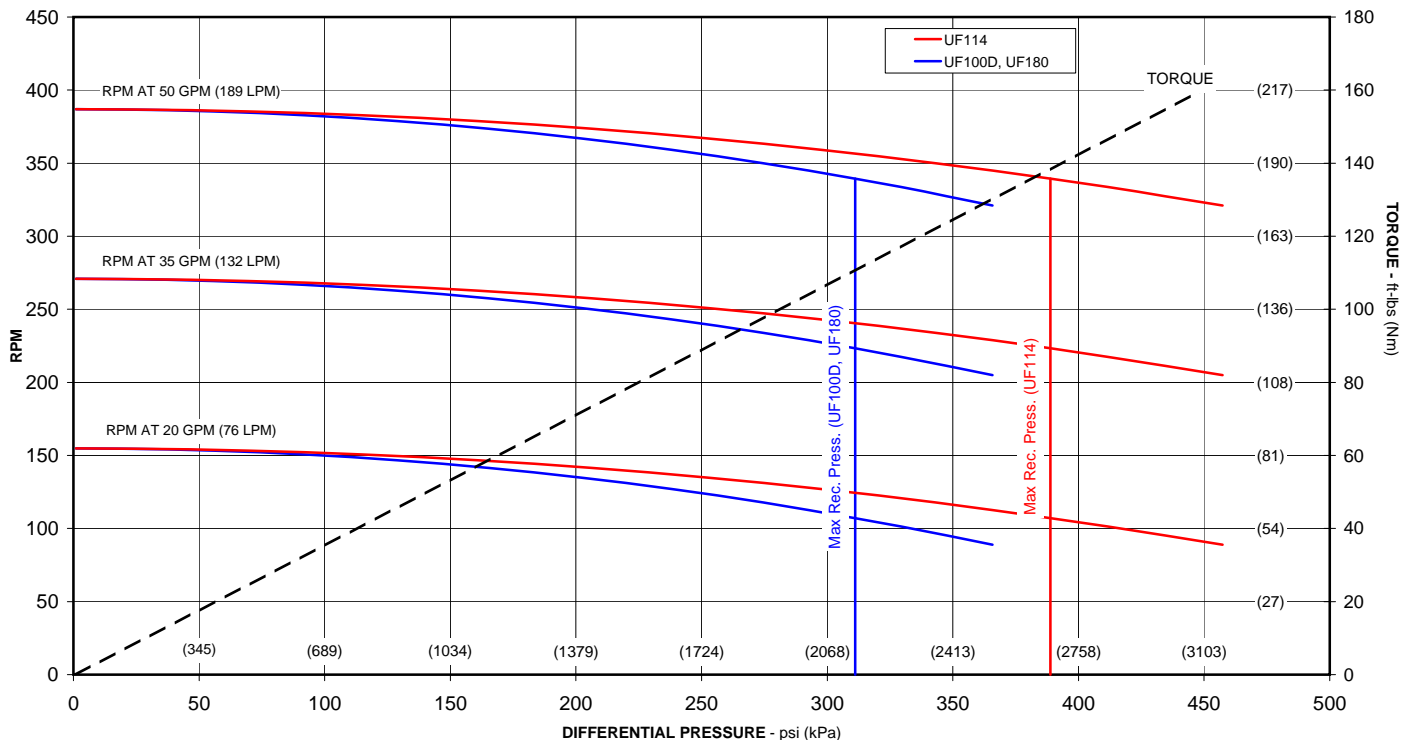
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	79 (545) psi (kPa)
Off Bottom Speed:	7.74 (2.04) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	9 (7) hp (kW)
(UF100D, UF180)	7 (5) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

238M5652 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	96.40 (2449)
Overall Length:	100.40 (2550)
Contour OD:	1.325 (33.66)
Eccentricity:	0.094 (2.39)
*Head OD:	1.375 (34.93)
Weight:	30 (14) lbs (kg)
*Thread Form:	1.0"-10 Stub Acme
Material:	17-4 SS Bar

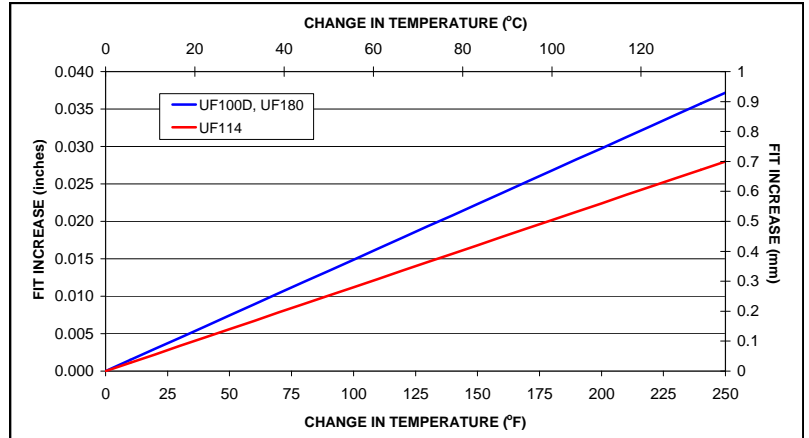
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.131 (28.73)	1.128 (28.65)
STD Contour Maj. Diam. (Ref.)		1.496 (38.00)	1.494 (37.95)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.006 (0.15)	0.010 (0.25)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.2
Nominal Tube OD:	2.375 (60.33)
Nominal Tube ID:	1.875 (47.63)
Overall Length:	107.40 (2728)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	57 (26) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

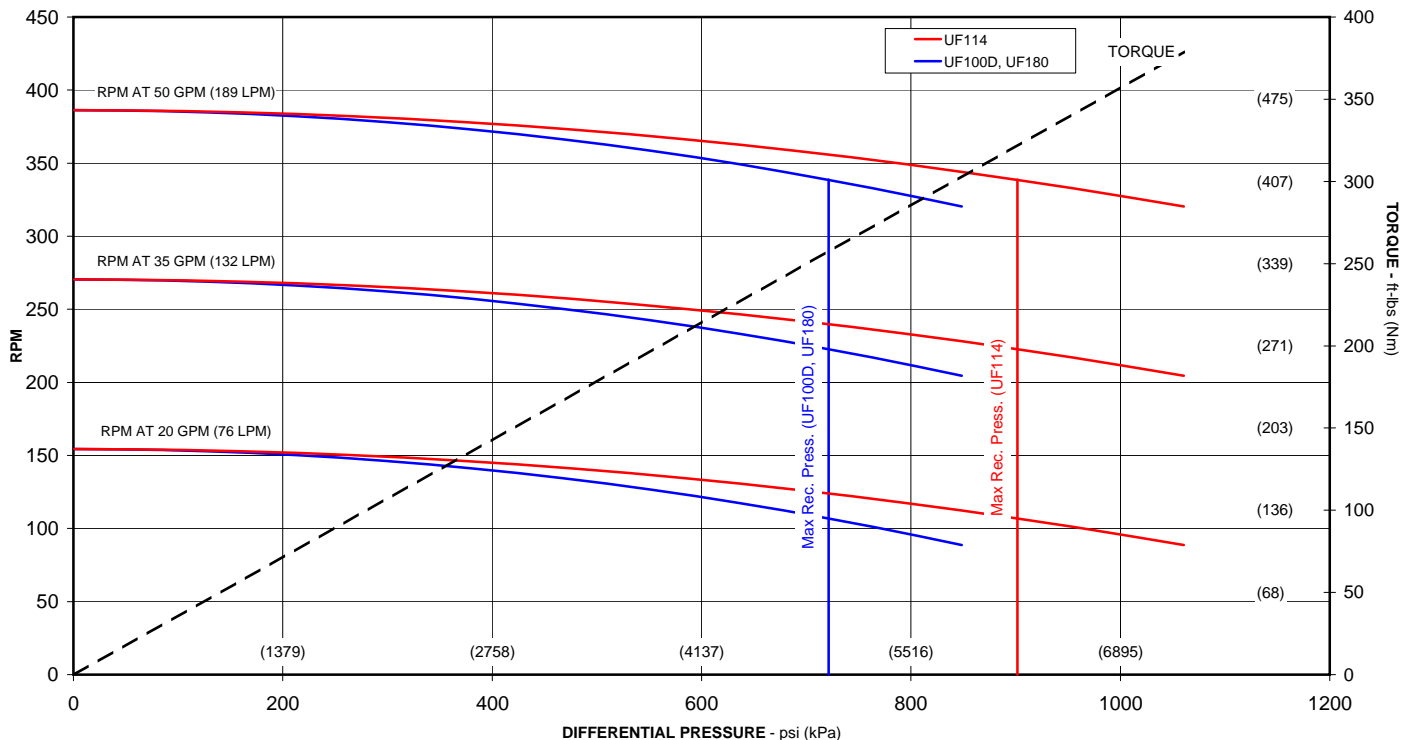
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	79 (545) psi (kPa)
Off Bottom Speed:	7.72 (2.04) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	21 (16) hp (kW)
(UF100D, UF180)	17 (13) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

287M1252 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	105.00 (2667)
Overall Length:	108.00 (2743)
Contour OD:	1.585 (40.26)
Eccentricity:	0.245 (6.22)
*Head OD:	1.625 (41.28)
Weight:	24 (11) lbs (kg)
*Thread Form:	1 1/8" Stub Acme
Material:	17-4 SS Bar

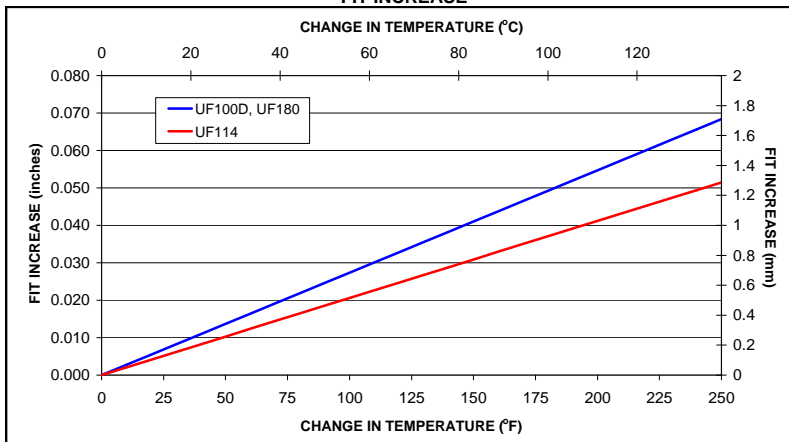
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.070 (27.18)	1.064 (27.03)
STD Contour Maj. Diam. (Ref.)		2.045 (51.94)	2.044 (51.92)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.025 (0.64)	0.031 (0.79)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.2
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.437 (61.90)
Overall Length:	124.00 (3150)
Rubber Cut-back:	
Side 1:	3.00 (76)
Side 2:	17.00 (432)
Weight:	76 (34) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

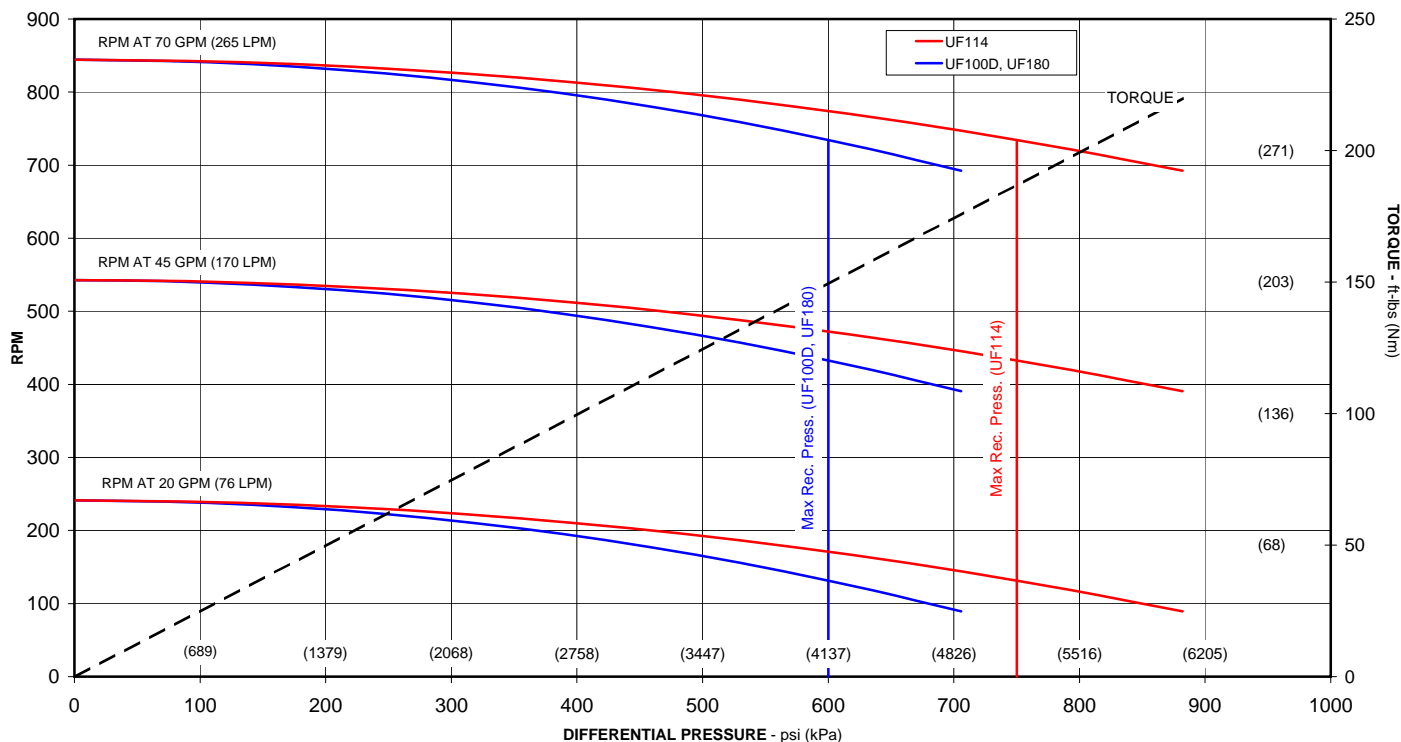
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	50 (345) psi (kPa)
Off Bottom Speed:	12.06 (3.19) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	26 (19) hp (kW)
(UF100D, UF180)	21 (16) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

287M5633 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	51.00 (1295)
Overall Length:	55.00 (1397)
Contour OD:	1.658 (42.11)
Eccentricity:	0.122 (3.10)
*Head OD:	1.500 (38.10)
Weight:	27 (12) lbs (kg)
*Thread Form:	1 1/8"-5 Stub Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.398 (35.51)	1.394 (35.41)
STD Contour Maj. Diam. (Ref.)		1.872 (47.55)	1.870 (47.50)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.016 (0.41)	0.020 (0.51)
	OS	-0.005 (-0.13)	-0.001 (-0.03)
	2OS	N/A	N/A
	3OS	N/A	N/A

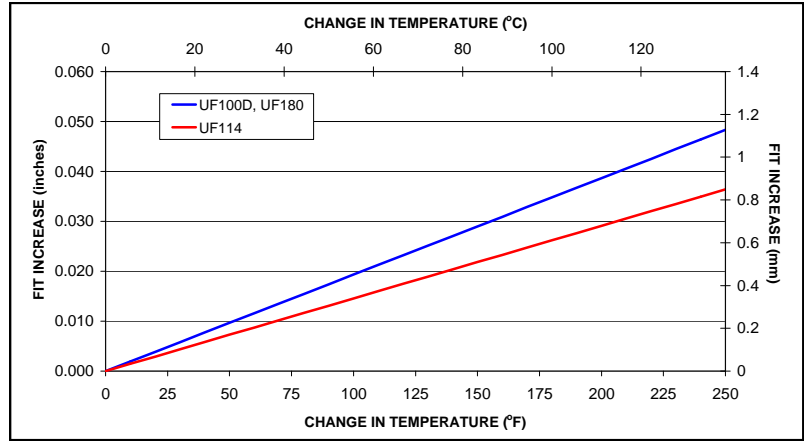
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.3
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.375 (60.330)
Overall Length:	61.75 (1568)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	41 (19) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

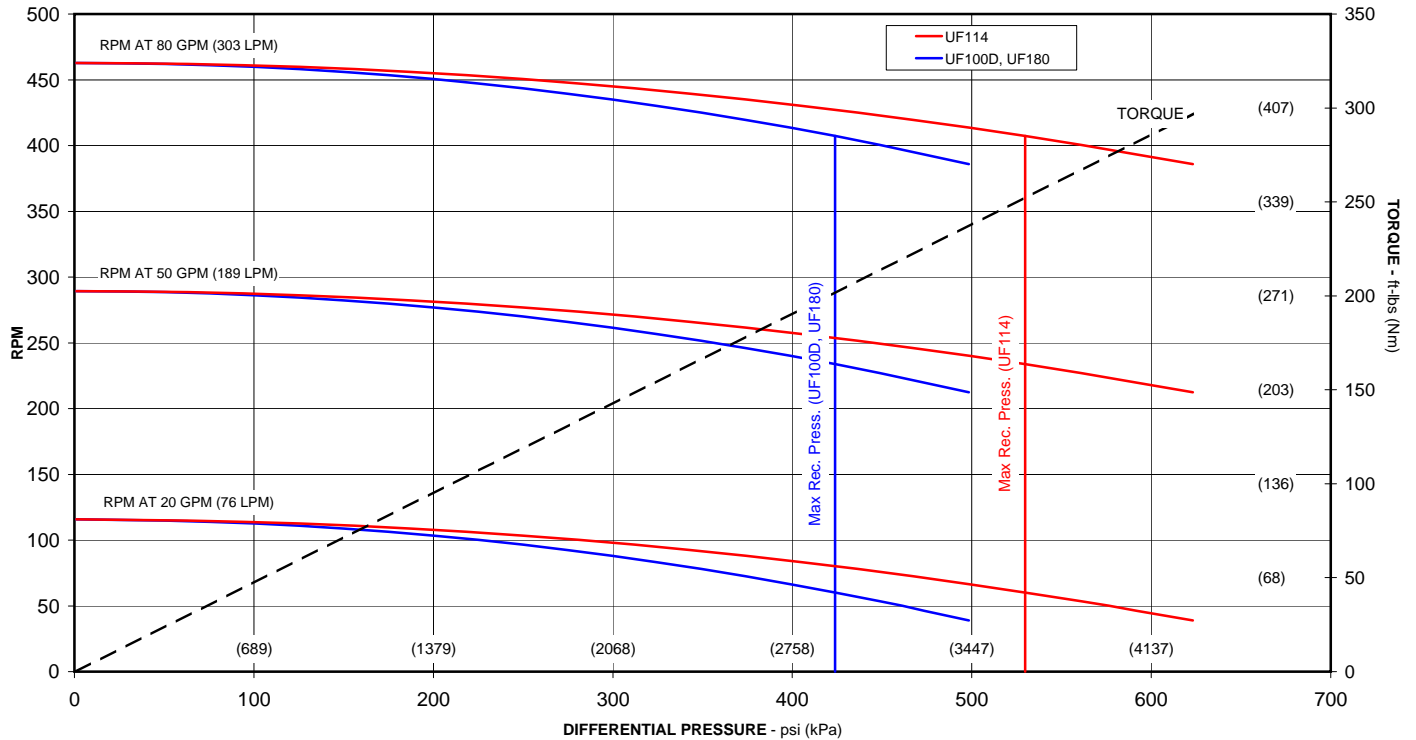
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	77 (531) psi (kPa)
Off Bottom Speed:	5.79 (1.53) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	20 (15) hp (kW)
(UF100D, UF180)	16 (12) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Note: All dimensions are subject to change without notification

Moyno® Power Sections

287M5647 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	88.00 (2235)
Overall Length:	92.00 (2337)
Contour OD:	1.904 (48.36)
Eccentricity:	0.136 (3.45)
*Head OD:	1.875 (47.63)
Weight:	56 (25) lbs (kg)
*Thread Form:	1 1/8"-5 Stub Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114
OS Contour Min. Diam.	1.649 (41.88)	1.641 (41.68)
OS Contour Maj. Diam. (Ref.)	2.180 (55.37)	2.178 (55.32)
Nominal Fit on Diameter		
US	N/A	N/A
STD	N/A	N/A
OS	-0.017 (-0.43)	-0.009 (-0.23)
2OS	N/A	N/A
3OS	N/A	N/A

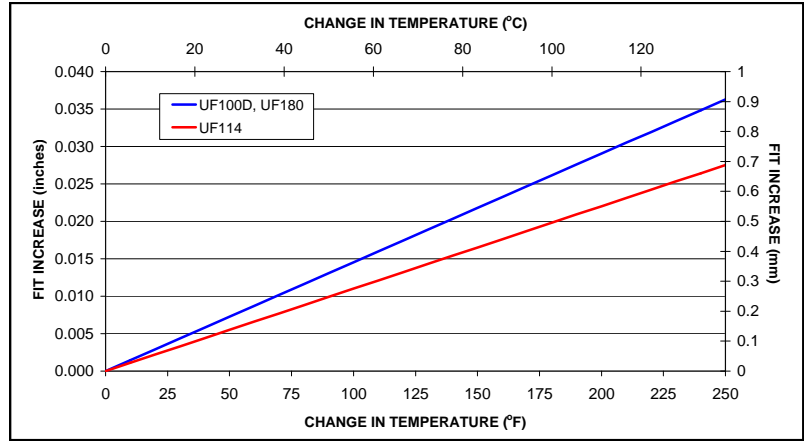
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.7
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.375 (60.33)
Overall Length:	105.63 (2683)
Rubber Cut-back:	
Side 1:	3.70 (94)
Side 2:	15.88 (403)
Weight:	68 (31) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

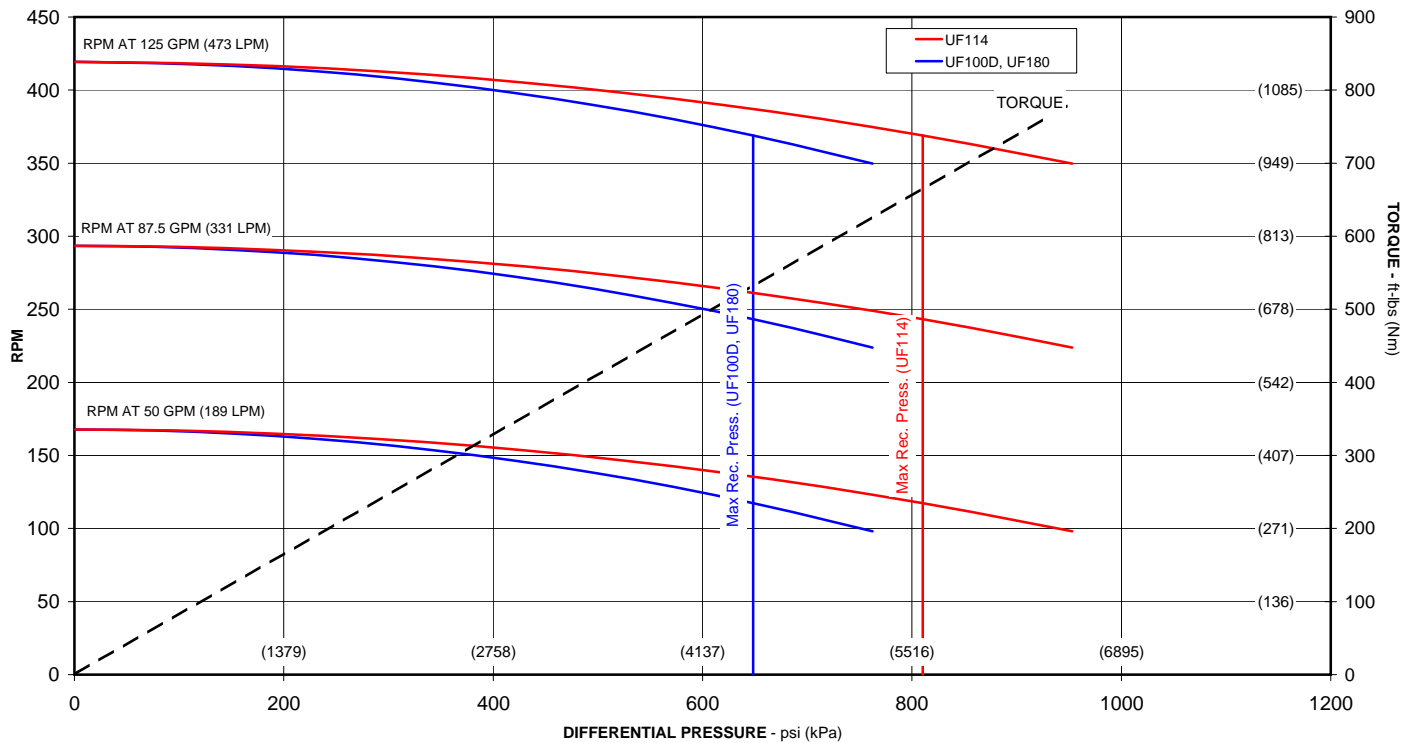
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	86 (593) psi (kPa)
Off Bottom Speed:	3.35 (0.88) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	47 (35) hp (kW)
(UF100D, UF180)	37 (28) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

287M5670 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	106.00 (2692)
Overall Length:	110.00 (2794)
Contour OD:	1.658 (42.11)
Eccentricity:	0.122 (3.10)
*Head OD:	1.500 (38.10)
Weight:	53 (24) lbs (kg)
*Thread Form:	1 1/8"-5 Stub Acme
Material:	17-4 SS Bar

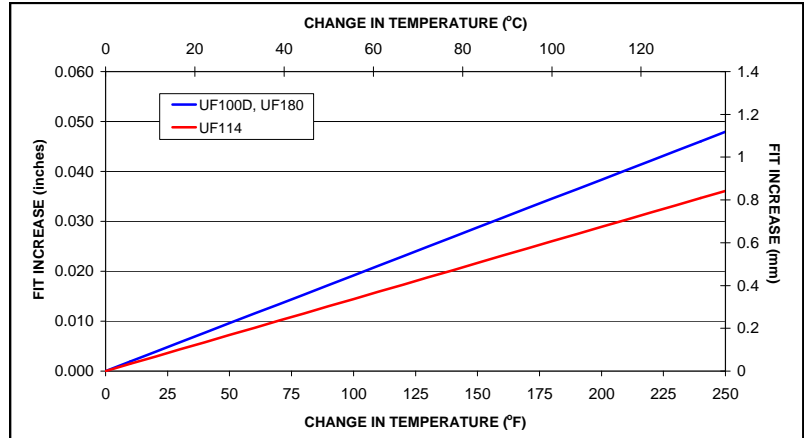
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.398 (35.51)	1.394 (35.41)
STD Contour Maj. Diam. (Ref.)		1.872 (47.55)	1.870 (47.50)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.016 (0.41)	0.020 (0.51)
	OS	-0.005 (-0.13)	-0.001 (-0.03)
	2OS	-0.017 (-0.43)	-0.013 (-0.33)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	7.0
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.375 (60.33)
Overall Length:	117.00 (2972)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	78 (35) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

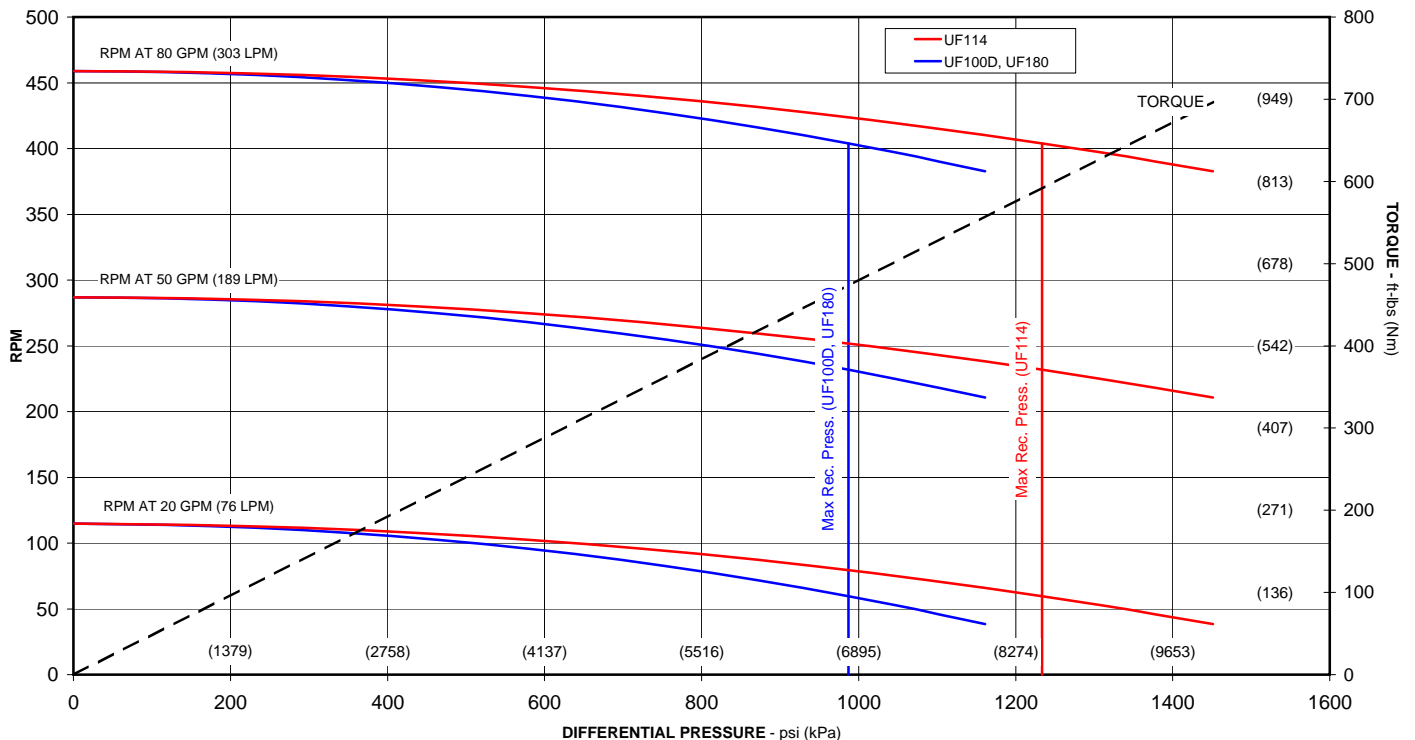
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	70 (483) psi (kPa)
Off Bottom Speed:	5.74 (1.52) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	46 (34) hp (kW)
(UF100D, UF180)	36 (27) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

287M7820 AD SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	65.00 (1651)
Overall Length:	69.00 (1753)
Contour OD:	1.805 (45.85)
Eccentricity:	0.100 (2.54)
*Head OD:	1.500 (38.10)
Weight:	39 (18) lbs (kg)
*Thread Form:	1 1/8"-5 Stub Acme
Material:	17-4 SS Bar

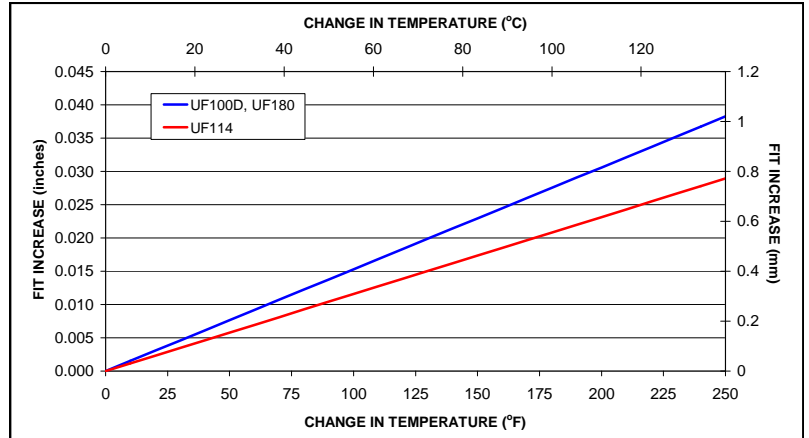
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.595 (40.51)	1.591 (40.41)
STD Contour Maj. Diam. (Ref.)		1.988 (50.50)	1.987 (50.47)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.014 (0.36)
	OS	-0.020 (-0.51)	-0.011 (-0.28)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.0
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.375 (60.33)
Overall Length:	72.00 (1829)
Rubber Cut-back:	
Side 1:	4.00 (102)
Side 2:	4.00 (102)
Weight:	47 (21) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

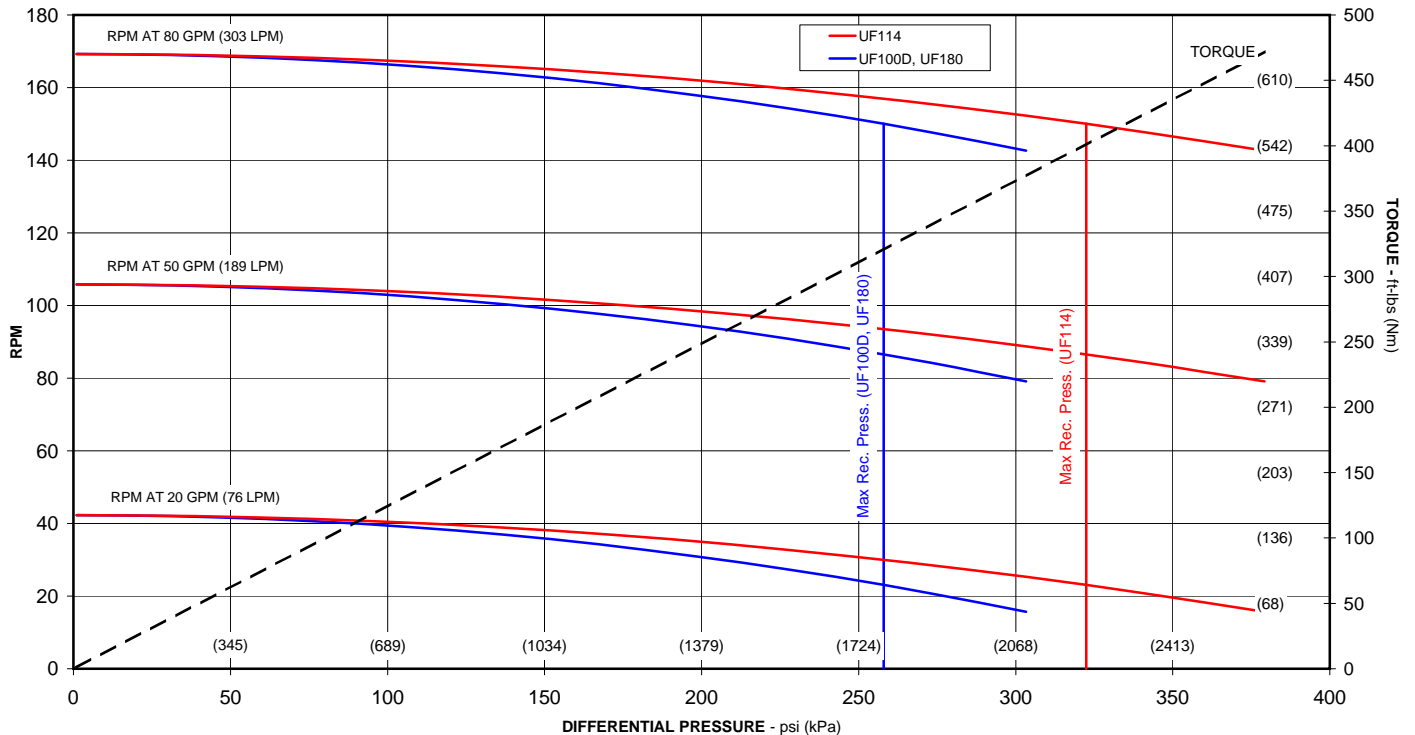
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	70 (483) psi (kPa)
Off Bottom Speed:	2.12 (0.56) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	11 (8) hp (kW)
(UF100D, UF180)	9 (7) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

287M7825 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	53.25 (1353)
Overall Length:	58.25 (1480)
Contour OD:	1.817 (46.15)
Eccentricity:	0.100 (2.54)
*Head OD:	1.500 (38.10)
Weight:	33 (15) lbs (kg)
*Thread Form:	1 1/8"-5 Stub Acme
Material:	17-4 SS Bar

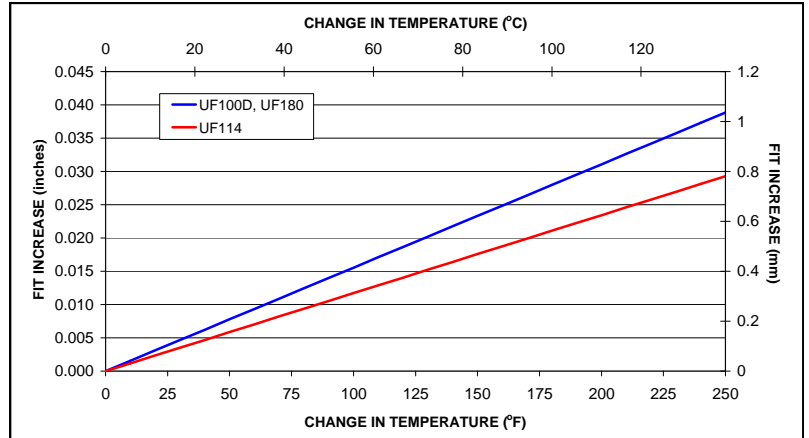
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.598 (40.59)	1.594 (40.49)
STD Contour Maj. Diam. (Ref.)		1.992 (50.60)	1.990 (50.55)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.019 (0.48)	0.023 (0.58)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.5
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.375 (60.33)
Overall Length:	61.75 (1568)
Rubber Cut-back:	
Side 1:	4.75 (121)
Side 2:	4.75 (121)
Weight:	40 (18) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

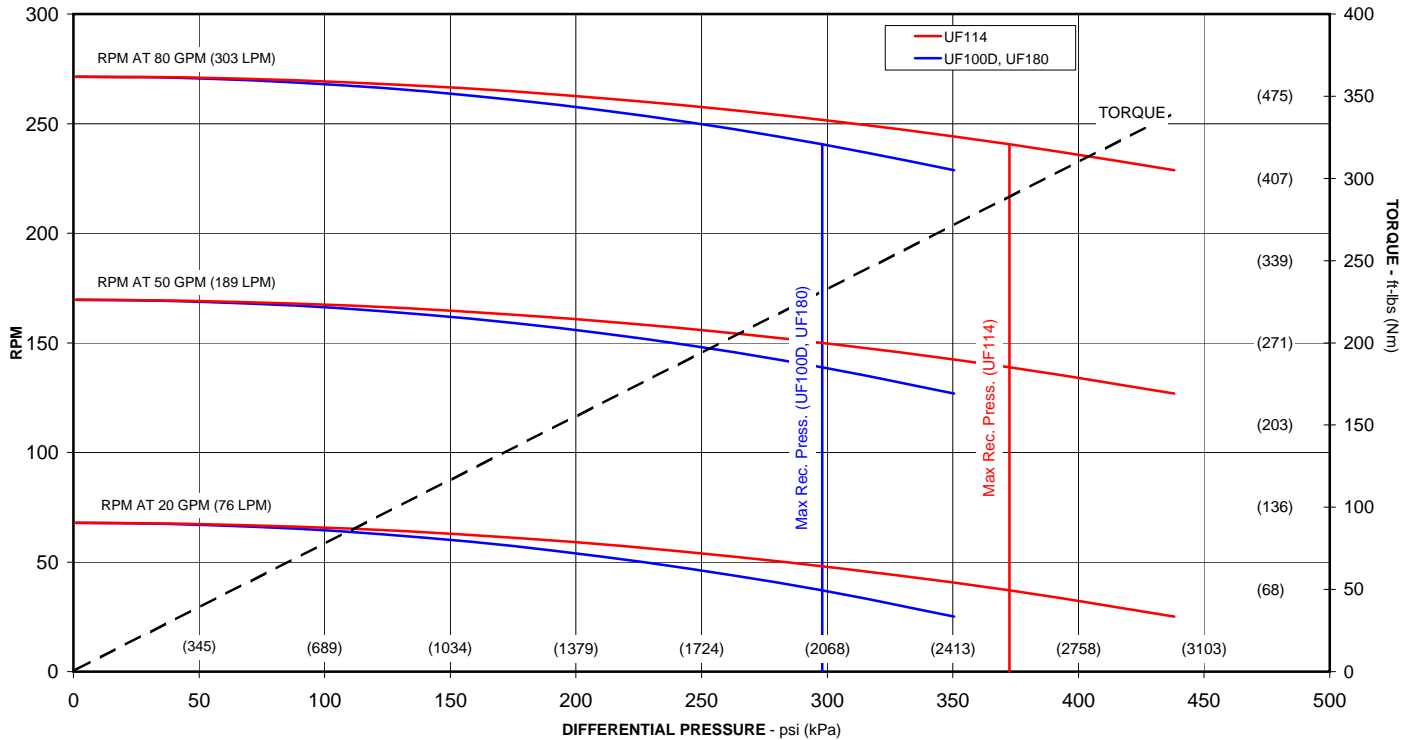
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	110 (758) psi (kPa)
Off Bottom Speed:	3.39 (0.9) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	13 (10) hp (kW)
(UF100D, UF180)	11 (8) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

287M7832 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	51.00 (1295)
Overall Length:	55.00 (1397)
Contour OD:	1.815 (46.10)
Eccentricity:	0.100 (2.54)
*Head OD:	1.500 (38.10)
Weight:	31 (14) lbs (kg)
*Thread Form:	1 1/8"-5 Stub Acme - 2G
Material:	17-4 SS Bar

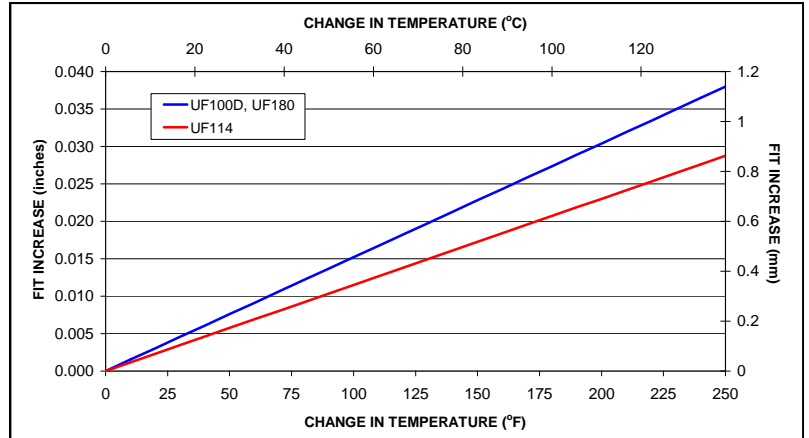
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.608 (40.84)	1.597 (40.56)
STD Contour Maj. Diam. (Ref.)		1.990 (50.55)	1.985 (50.42)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.007 (0.18)	0.018 (0.46)
	OS	-0.007 (-0.18)	-0.004 (-0.10)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.2
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.375 (60.33)
Overall Length:	61.75 (1568)
Rubber Cut-back:	
Side 1:	4.00 (102)
Side 2:	4.00 (102)
Weight:	41 (19) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

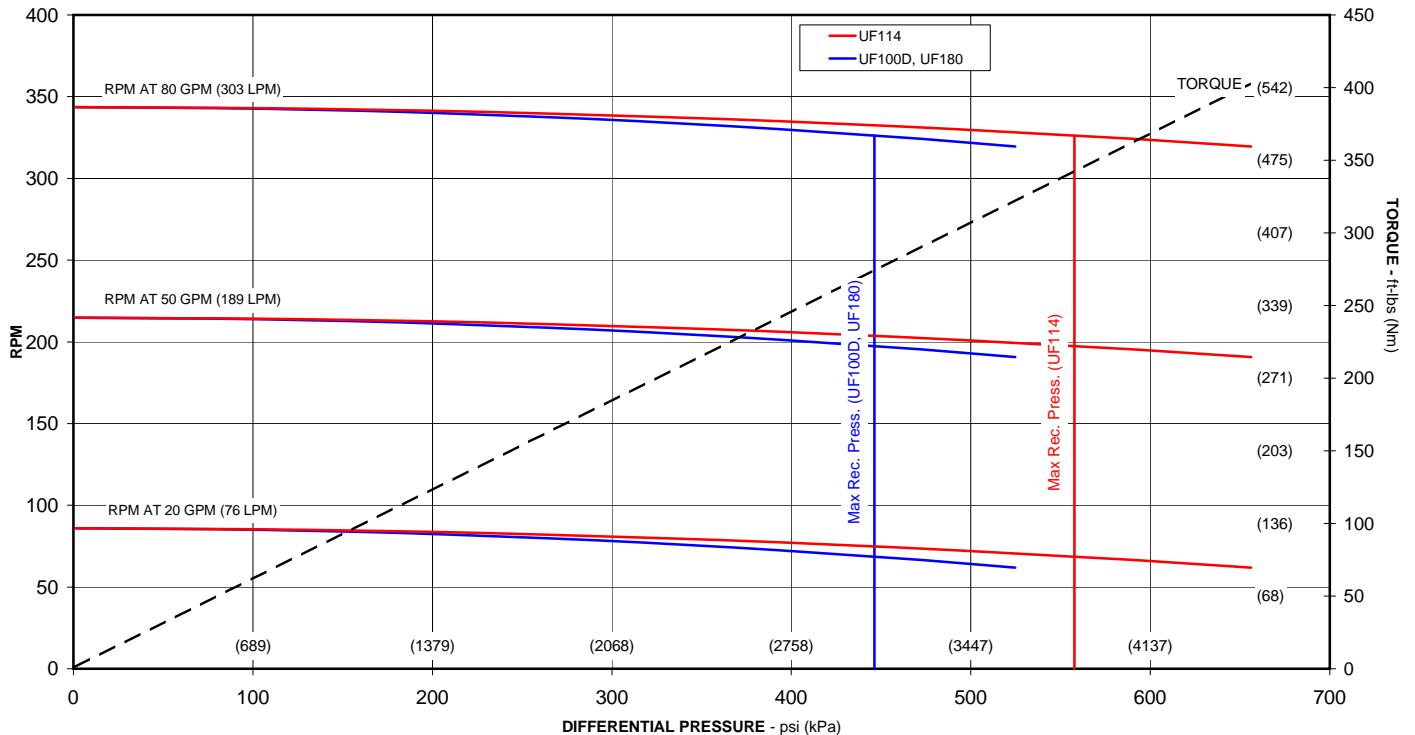
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	88 (607) psi (kPa)
Off Bottom Speed:	4.29 (1.13) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	21 (16) hp (kW)
(UF100D, UF180)	17 (13) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



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Moyno® Power Sections

287M7835 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	68.65 (1744)
Overall Length:	73.65 (1871)
Contour OD:	1.882 (47.80)
Eccentricity:	0.090 (2.29)
*Head OD:	1.500 (38.10)
Weight:	35 (16) lbs (kg)
*Thread Form:	TBD
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.701 (43.21)	1.693 (43.00)
STD Contour Maj. Diam. (Ref.)		2.063 (52.40)	2.060 (52.32)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.001 (0.03)	0.009 (0.23)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.5
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.313 (58.75)
Overall Length:	80.00 (2032)
Rubber Cut-back:	
Side 1:	6.40 (163)
Side 2:	6.40 (163)
Weight:	199 (90) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

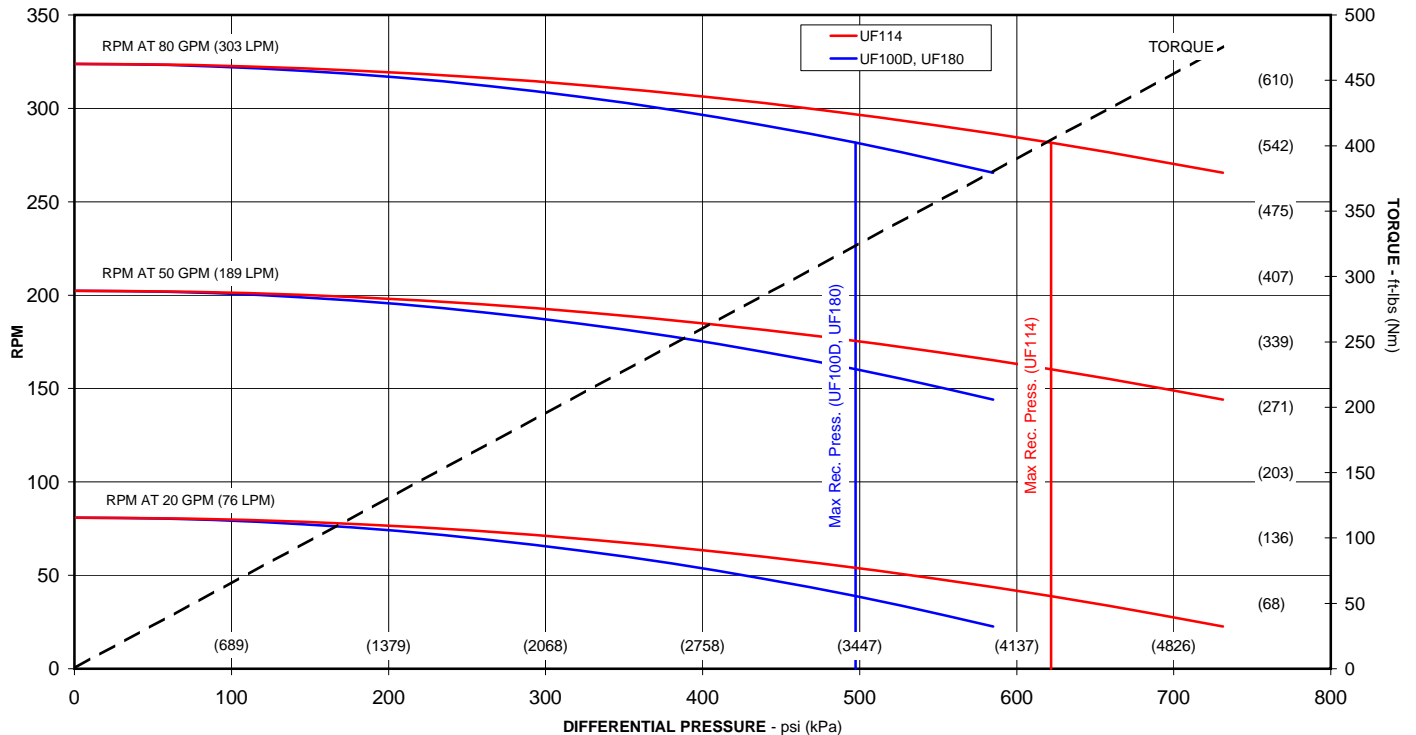
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	95 (655) psi (kPa)
Off Bottom Speed:	4.05 (1.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	22 (16) hp (kW)
(UF100D, UF180)	17 (13) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

287M7837 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	65.00 (1651)
Overall Length:	69.00 (1753)
Contour OD:	1.796 (45.62)
Eccentricity:	0.100 (2.54)
*Head OD:	1.500 (38.10)
Weight:	39 (18) lbs (kg)
*Thread Form:	1 1/8"-5 Stub Acme - 2G
Material:	17-4 SS Bar

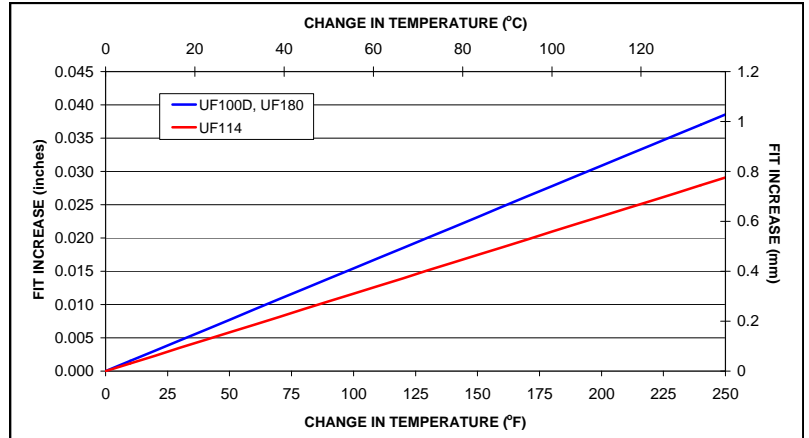
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.596 (40.54)	1.592 (40.44)
STD Contour Maj. Diam. (Ref.)		1.996 (50.70)	1.994 (50.65)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.004 (0.10)
	OS	-0.015 (-0.38)	-0.011 (-0.28)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.7
Nominal Tube OD:	2.875 (73.03)
Nominal Tube ID:	2.375 (60.33)
Overall Length:	76.00 (1930)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	50 (23) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

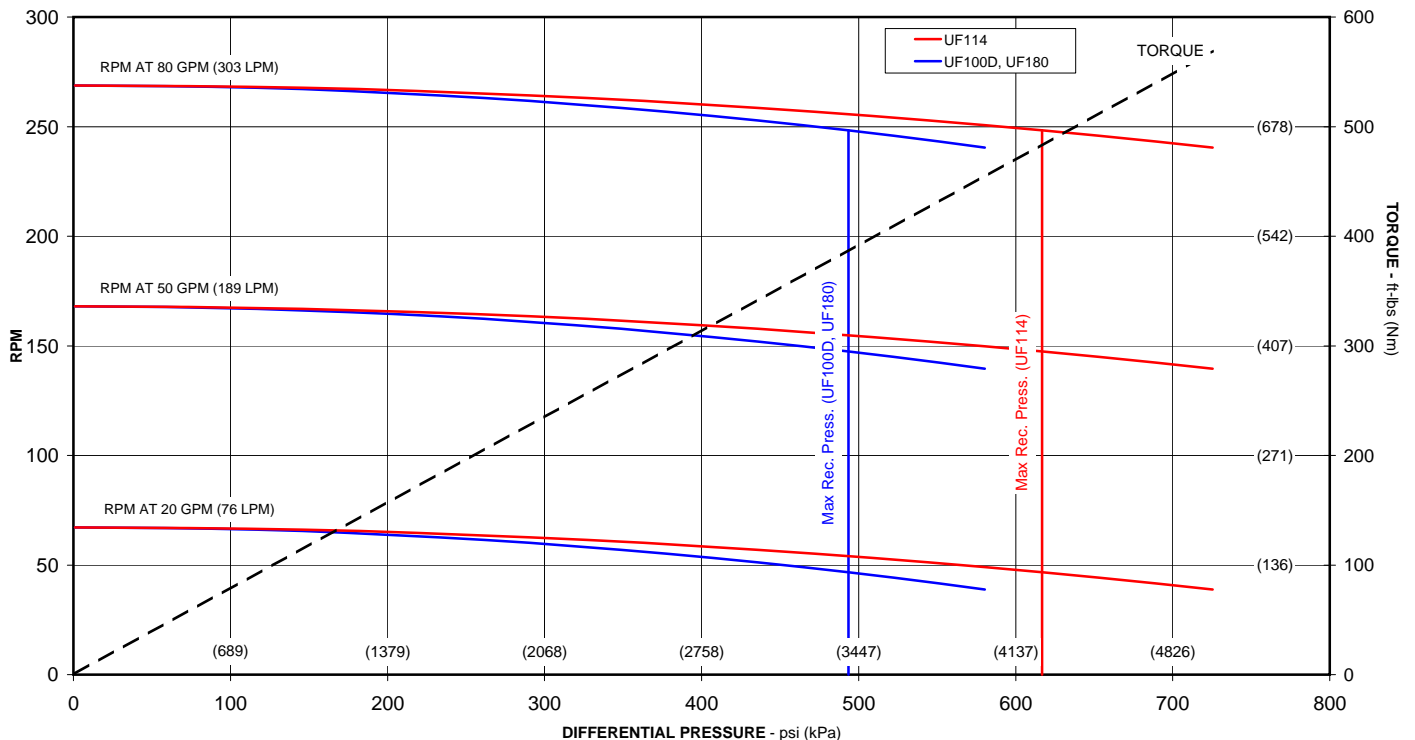
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	77 (531) psi (kPa)
Off Bottom Speed:	3.36 (0.89) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	23 (17) hp (kW)
(UF100D, UF180)	18 (13) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

313M5635 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	81.13 (2061)
Overall Length:	85.50 (2172)
Contour OD:	2.087 (53.01)
Eccentricity:	0.149 (3.78)
*Head OD:	2.060 (52.32)
Weight:	61 (28) lbs (kg)
*Thread Form:	1.50"-6 UN Class 2B
Material:	17-4 SS Bar

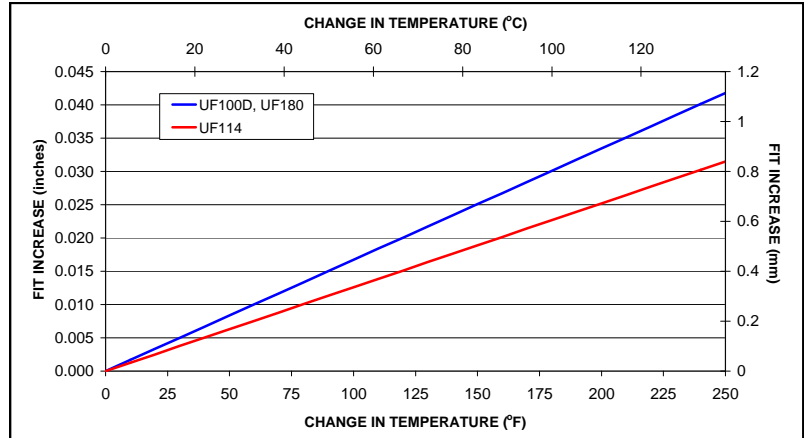
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.789 (45.44)	1.785 (45.34)
STD Contour Maj. Diam. (Ref.)		2.386 (60.60)	2.385 (60.58)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.004 (0.10)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.5
Nominal Tube OD:	3.125 (79.38)
Nominal Tube ID:	2.625 (66.68)
Overall Length:	98.50 (2502)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	12.00 (305)
Weight:	70 (32) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

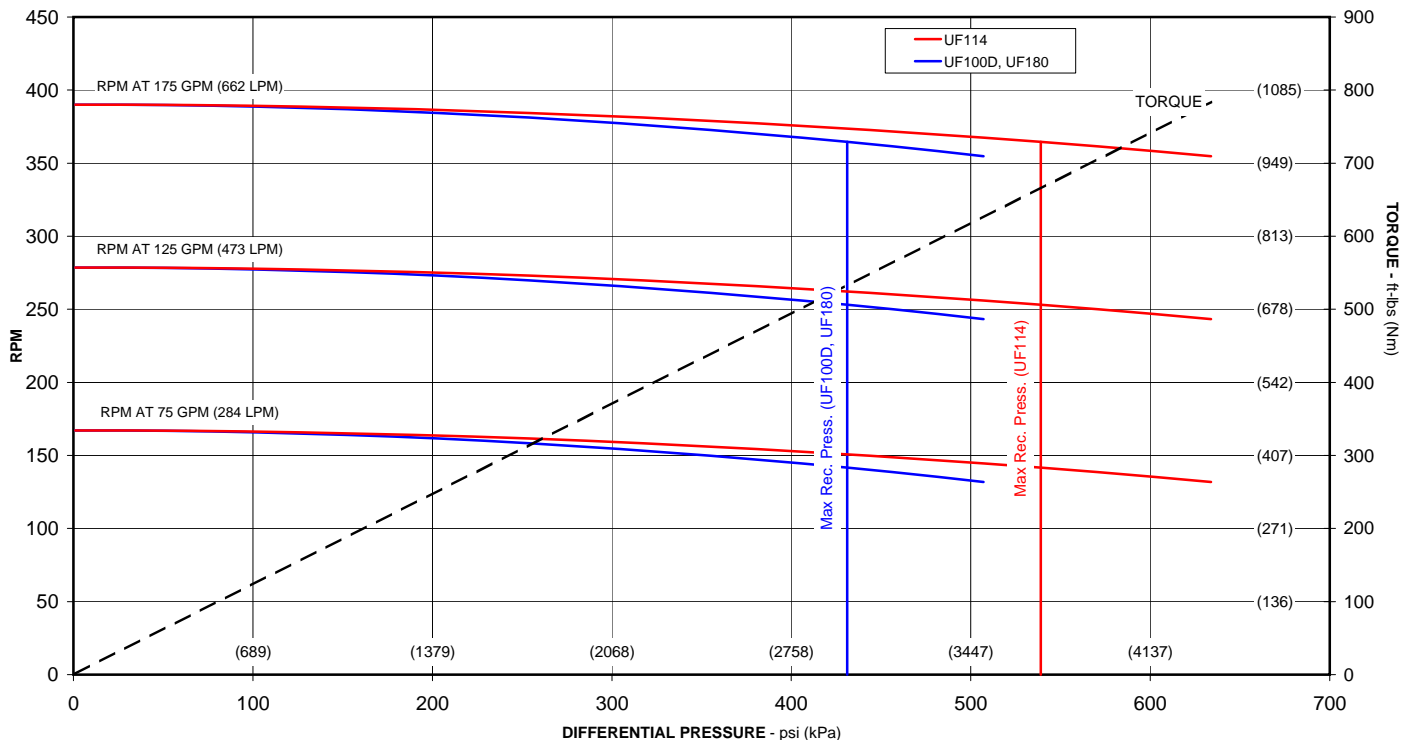
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	102 (703) psi (kPa)
Off Bottom Speed:	2.23 (0.59) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	46 (34) hp (kW)
(UF100D, UF180)	37 (28) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

313M5650 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	115.00 (2921)
Overall Length:	120.00 (3048)
Contour OD:	2.087 (53.01)
Eccentricity:	0.149 (3.78)
*Head OD:	2.060 (52.32)
Weight:	85 (39) lbs (kg)
*Thread Form:	1.50"-6 UN Class 2B
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.789 (45.44)	1.785 (45.34)
STD Contour Maj. Diam. (Ref.)		2.386 (60.60)	2.385 (60.58)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.004 (0.10)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

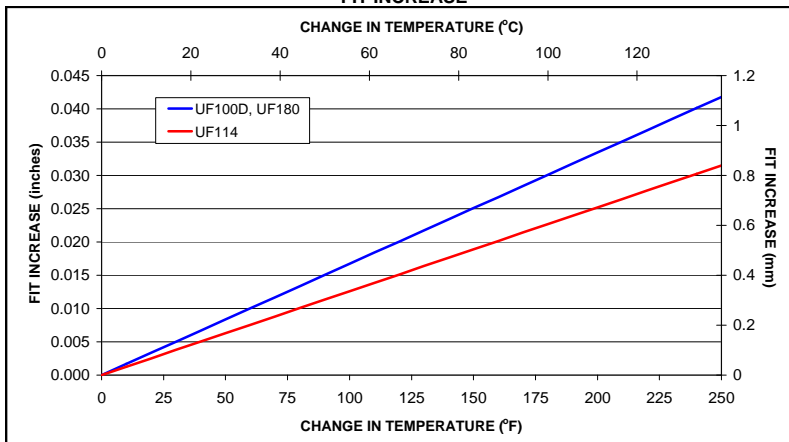
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	3.125 (79.38)
Nominal Tube ID:	2.625 (66.68)
Overall Length:	133.00 (3378)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	12.00 (305)
Weight:	95 (43) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

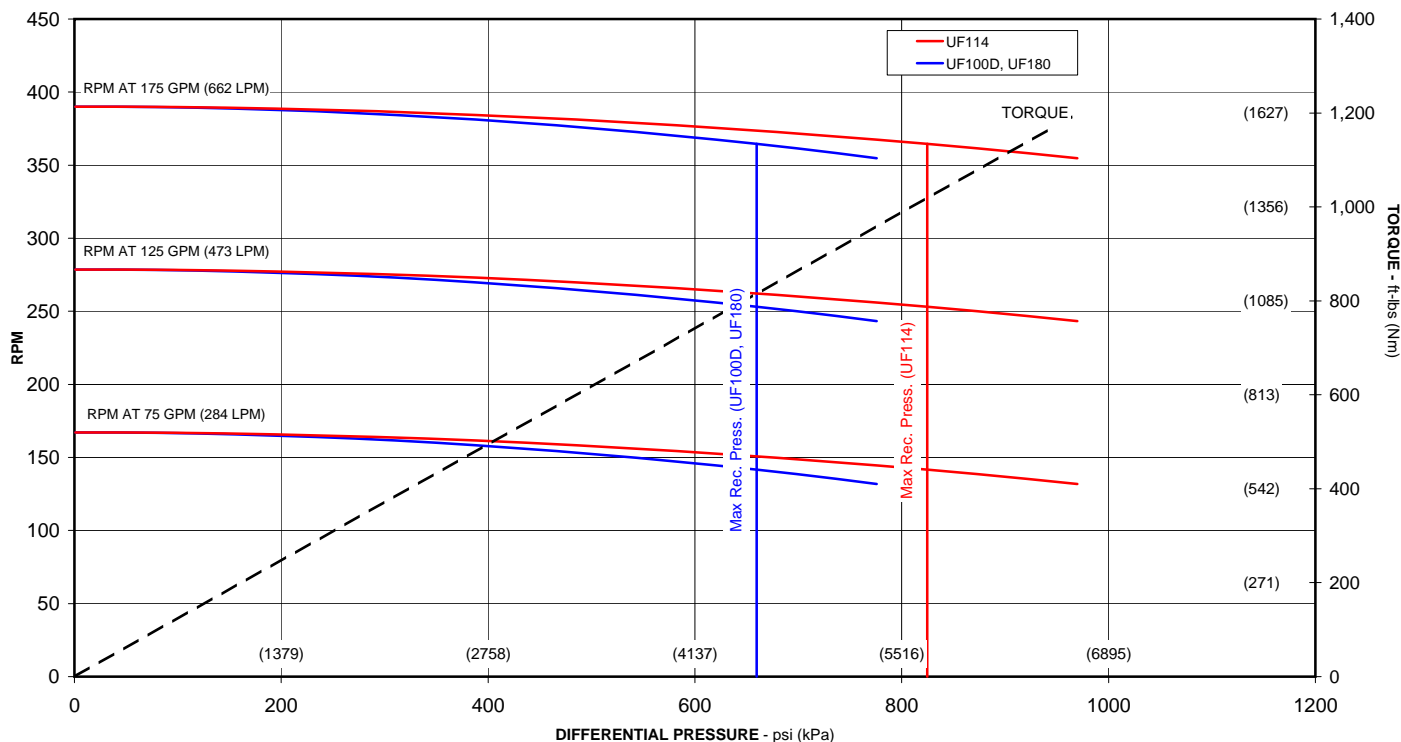
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	102 (703) psi (kPa)
Off Bottom Speed:	2.23 (0.59) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	71 (53) hp (kW)
(UF100D, UF180)	57 (43) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

313M7820 SR SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	29.00 (737)
Overall Length:	33.00 (838)
Contour OD:	2.023 (51.38)
Eccentricity:	0.109 (2.77)
*Head OD:	1.500 (38.10)
Weight:	22 (10) lbs (kg)
*Thread Form:	1 1/8"-5 Stub Acme - 2G
Material:	17-4 SS Bar

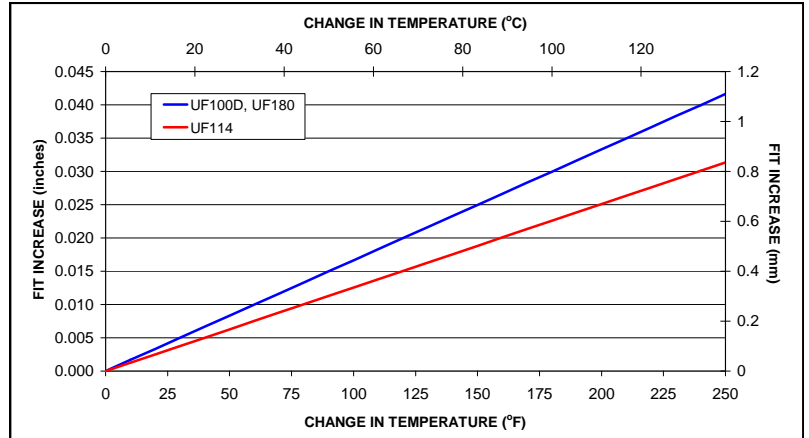
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.780 (45.21)	1.776 (45.11)
STD Contour Maj. Diam. (Ref.)		2.220 (56.39)	2.219 (56.36)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.025 (0.64)	0.028 (0.71)
	OS	0.000 (0.00)	0.003 (0.08)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.0
Nominal Tube OD:	3.125 (79.38)
Nominal Tube ID:	2.625 (66.68)
Overall Length:	43.00 (1092)
Rubber Cut-back:	
Side 1:	4.00 (102)
Side 2:	10.00 (254)
Weight:	30 (14) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

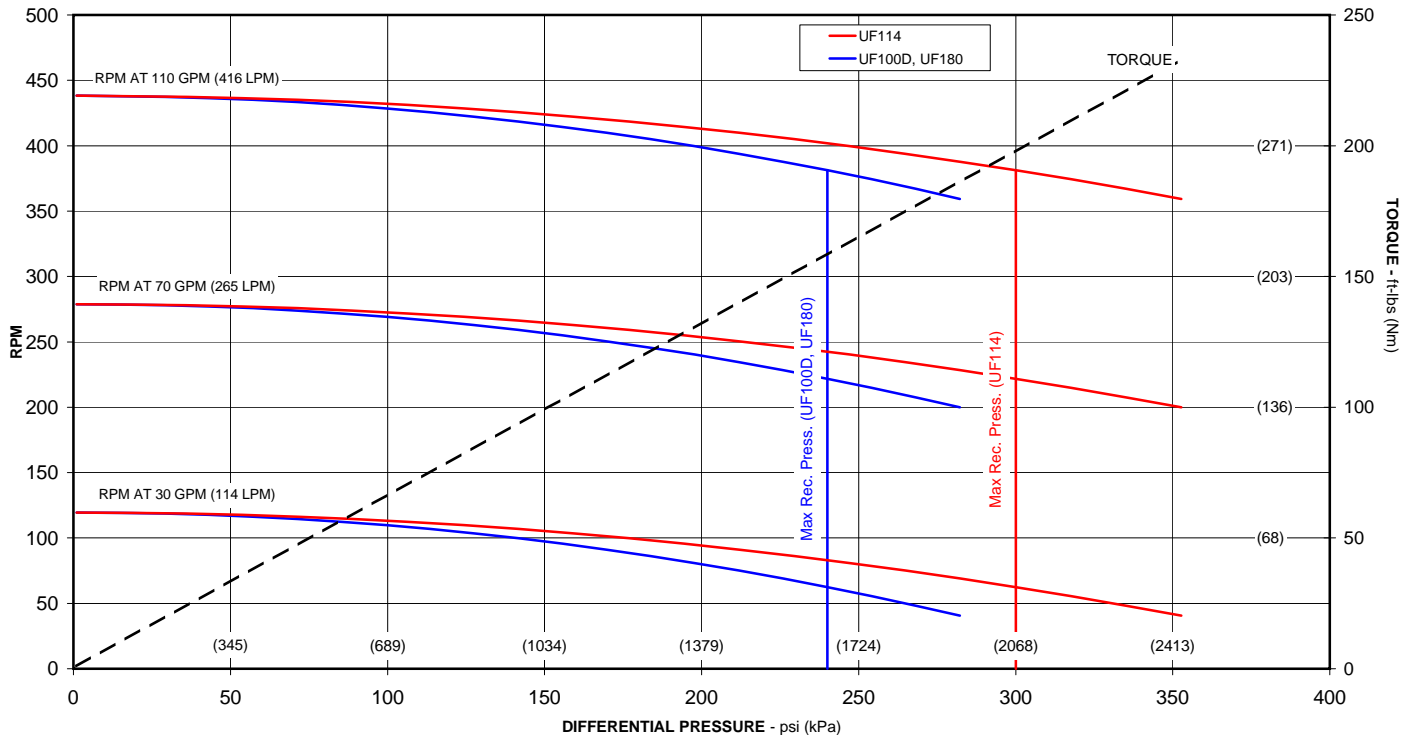
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	88 (607) psi (kPa)
Off Bottom Speed:	3.98 (1.05) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	14 (10) hp (kW)
(UF100D, UF180)	12 (9) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



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Moyno® Power Sections

338 / 350M1255 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	161.00 (4089)
Overall Length:	165.00 (4191)
Contour OD:	1.707 (43.36)
Eccentricity:	0.281 (7.14)
*Head OD:	1.750 (44.45)
Weight:	48 (22) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

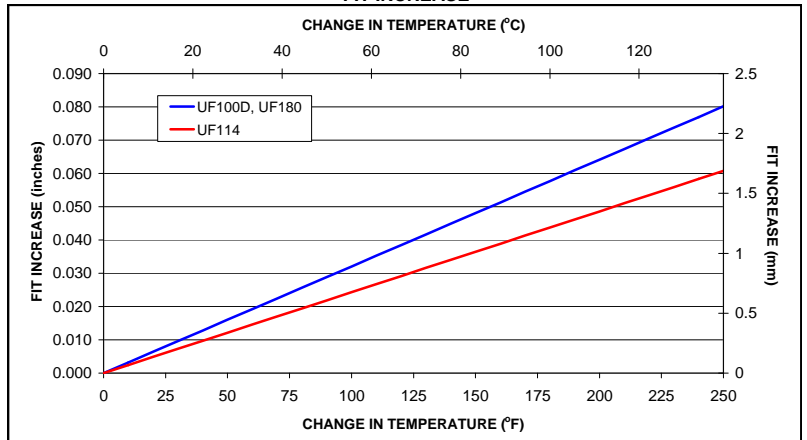
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.147 (29.13)	1.130 (28.70)
STD Contour Maj. Diam. (Ref.)		2.234 (56.74)	2.229 (56.62)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.002 (-0.05)	0.015 (0.38)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.5
Nominal Tube OD:	3.375 (85.73)
Nominal Tube ID:	2.750 (69.85)
Overall Length:	172.00 (4369)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	172 (78) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

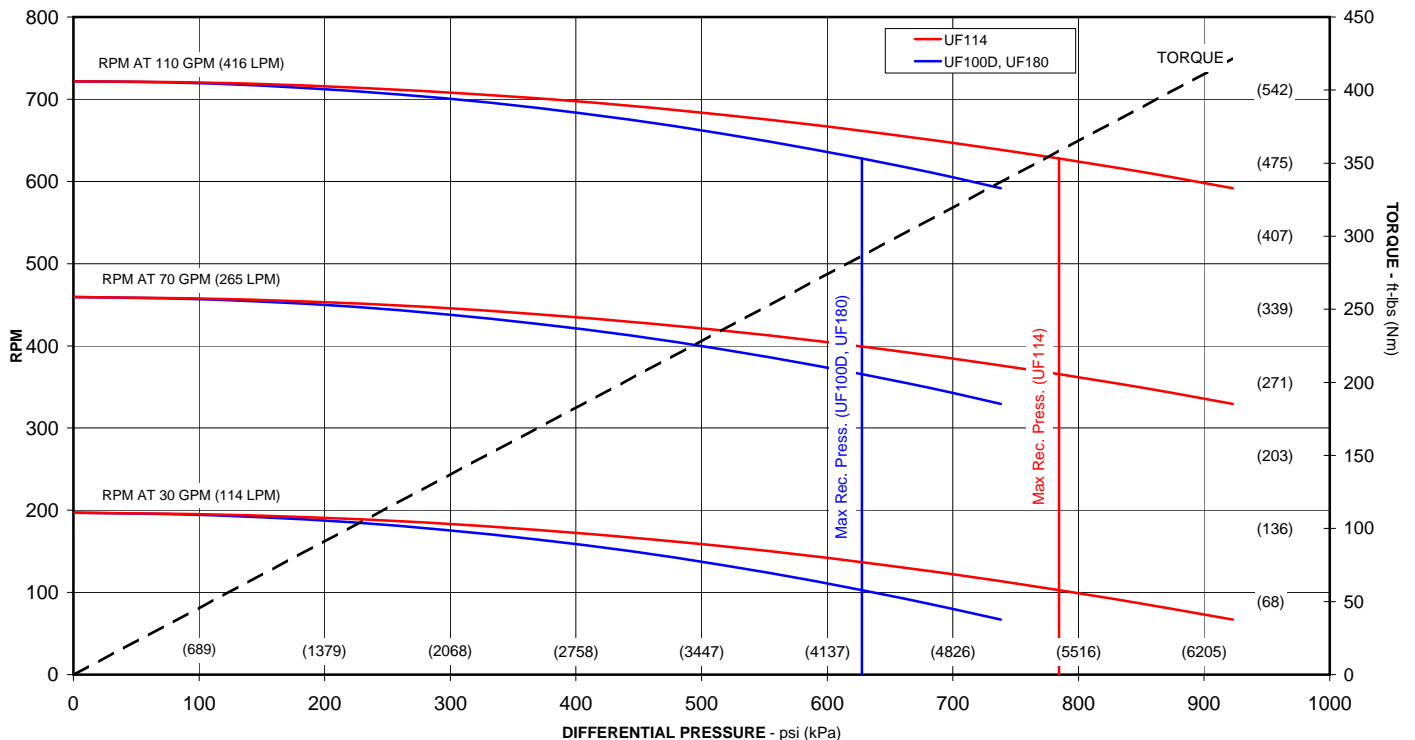
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	62 (427) psi (kPa)
Off Bottom Speed:	6.56 (1.73) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	43 (32) hp (kW)
(UF100D, UF180)	34 (25) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

338 / 350M4550 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	107.00 (2718)
Overall Length:	111.00 (2819)
Contour OD:	1.940 (49.28)
Eccentricity:	0.165 (4.19)
*Head OD:	1.750 (44.45)
Weight:	68 (31) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.600 (40.64)	1.588 (40.34)
STD Contour Maj. Diam. (Ref.)		2.240 (56.90)	2.234 (56.74)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.022 (0.56)
	OS	-0.010 (-0.25)	0.002 (0.05)
	2OS	N/A	N/A
	3OS	N/A	N/A

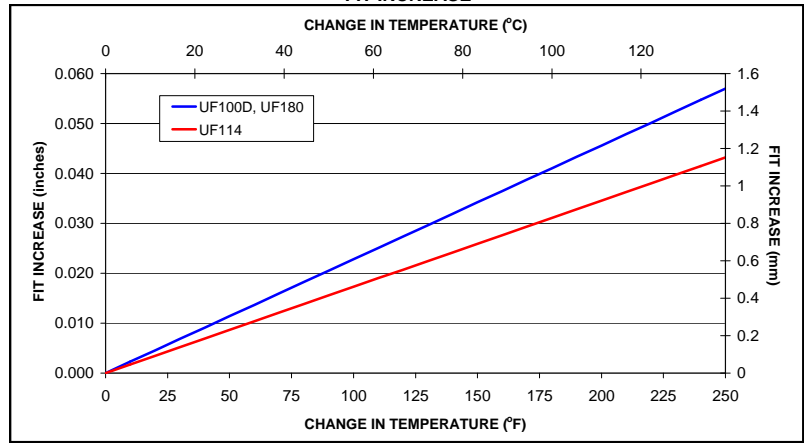
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	3.375 (85.73)
Nominal Tube ID:	2.750 (69.85)
Overall Length:	118.00 (2997)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	114 (52) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

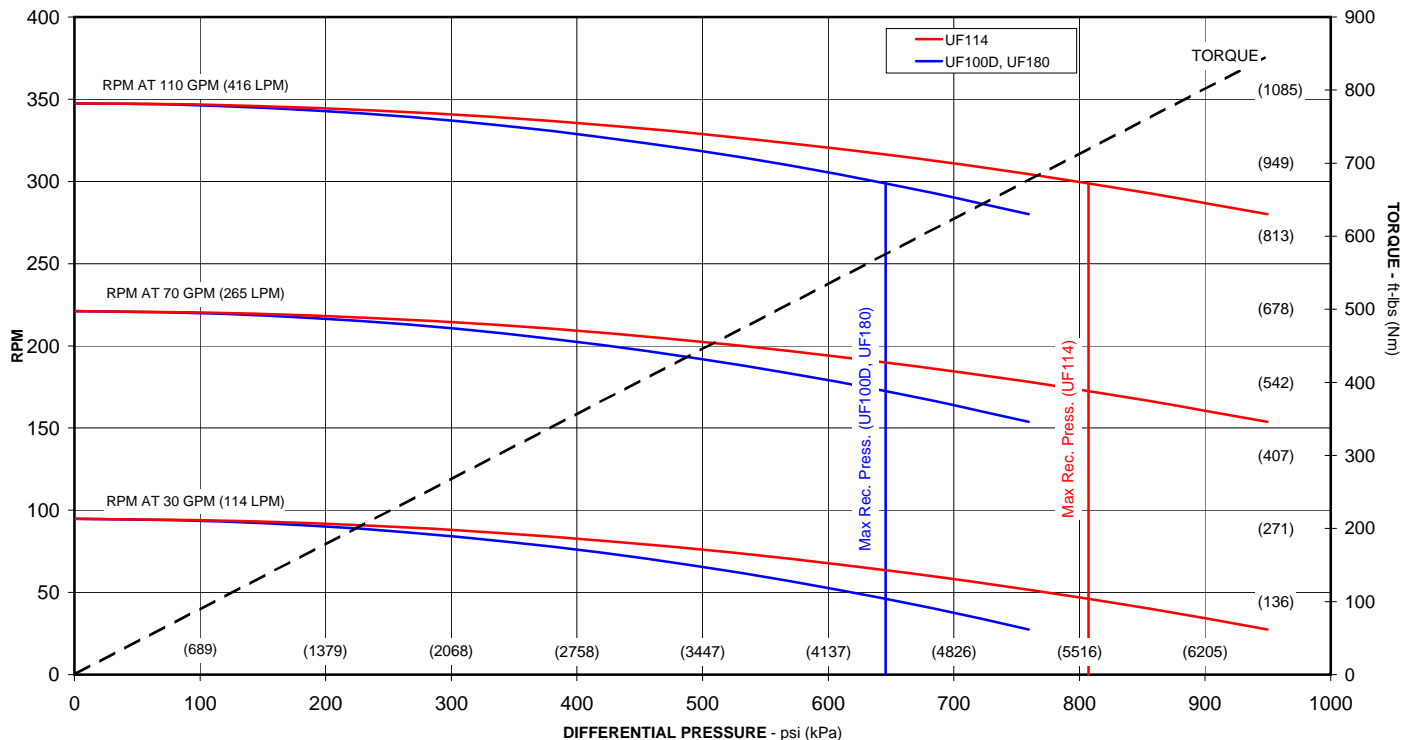
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	75 (517) psi (kPa)
Off Bottom Speed:	3.16 (0.83) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	41 (31) hp (kW)
(UF100D, UF180)	33 (25) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

338 / 350M7830 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	107.00 (2718)
Overall Length:	111.00 (2819)
Contour OD:	1.948 (49.48)
Eccentricity:	0.114 (2.90)
*Head OD:	1.750 (44.45)
Weight:	82 (37) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

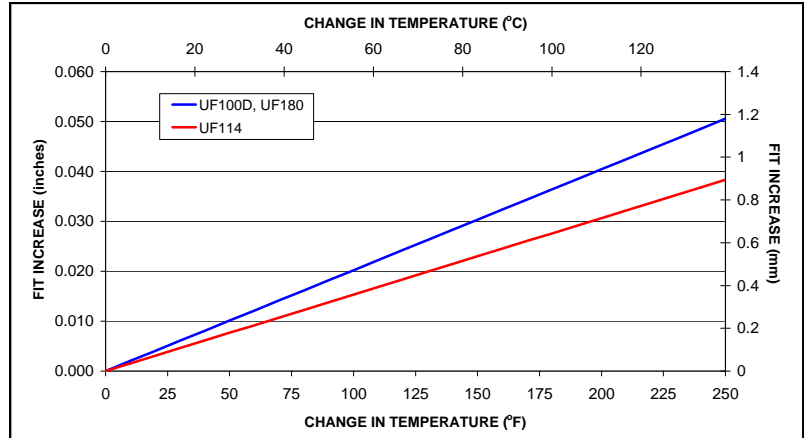
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.727 (43.87)	1.716 (43.59)
STD Contour Maj. Diam. (Ref.)		2.163 (54.94)	2.157 (54.79)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.006 (-0.15)	0.005 (0.13)
	OS	-0.030 (-0.76)	-0.019 (-0.48)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	3.375 (85.73)
Nominal Tube ID:	2.750 (69.85)
Overall Length:	118.00 (2997)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	113 (51) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

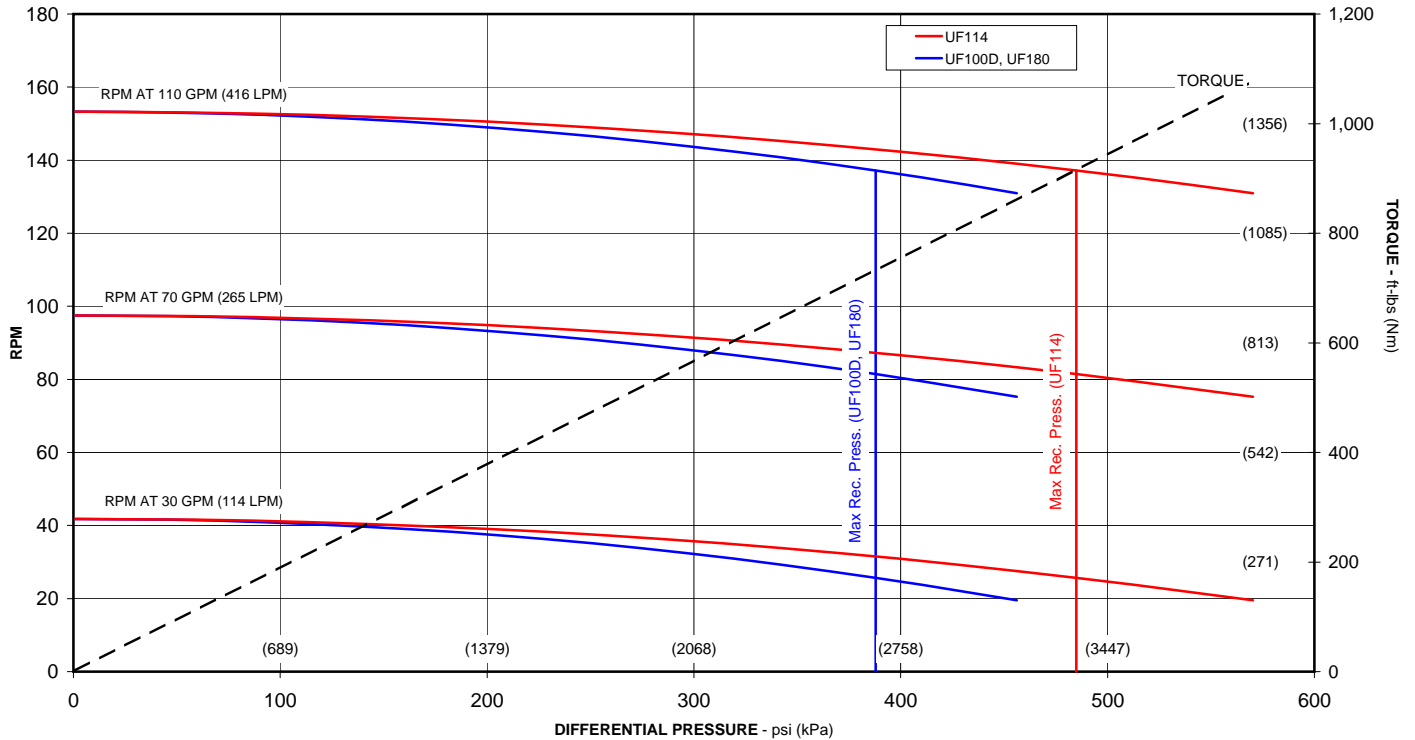
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	95 (655) psi (kPa)
Off Bottom Speed:	1.39 (0.37) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	24 (18) hp (kW)
(UF100D, UF180)	19 (14) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

350M7820 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	43.40 (1102)
Overall Length:	47.40 (1204)
Contour OD:	2.280 (57.91)
Eccentricity:	0.126 (3.20)
*Head OD:	1.750 (44.45)
Weight:	42 (19) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.009 (51.03)	2.000 (50.80)
STD Contour Maj. Diam. (Ref.)		2.502 (63.55)	2.499 (63.47)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.020 (0.51)	0.029 (0.74)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

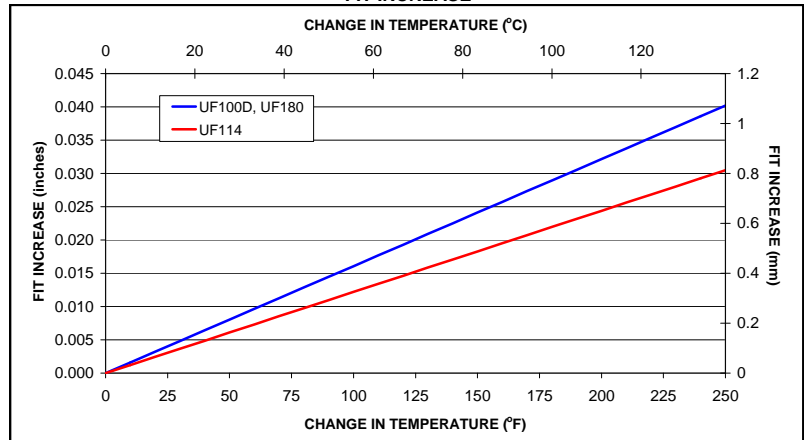
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.0
Nominal Tube OD:	3.500 (88.90)
Nominal Tube ID:	2.813 (71.45)
Overall Length:	60.80 (1544)
Rubber Cut-back:	
Side 1:	12.40 (315)
Side 2:	6.00 (152)
Weight:	63 (29) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

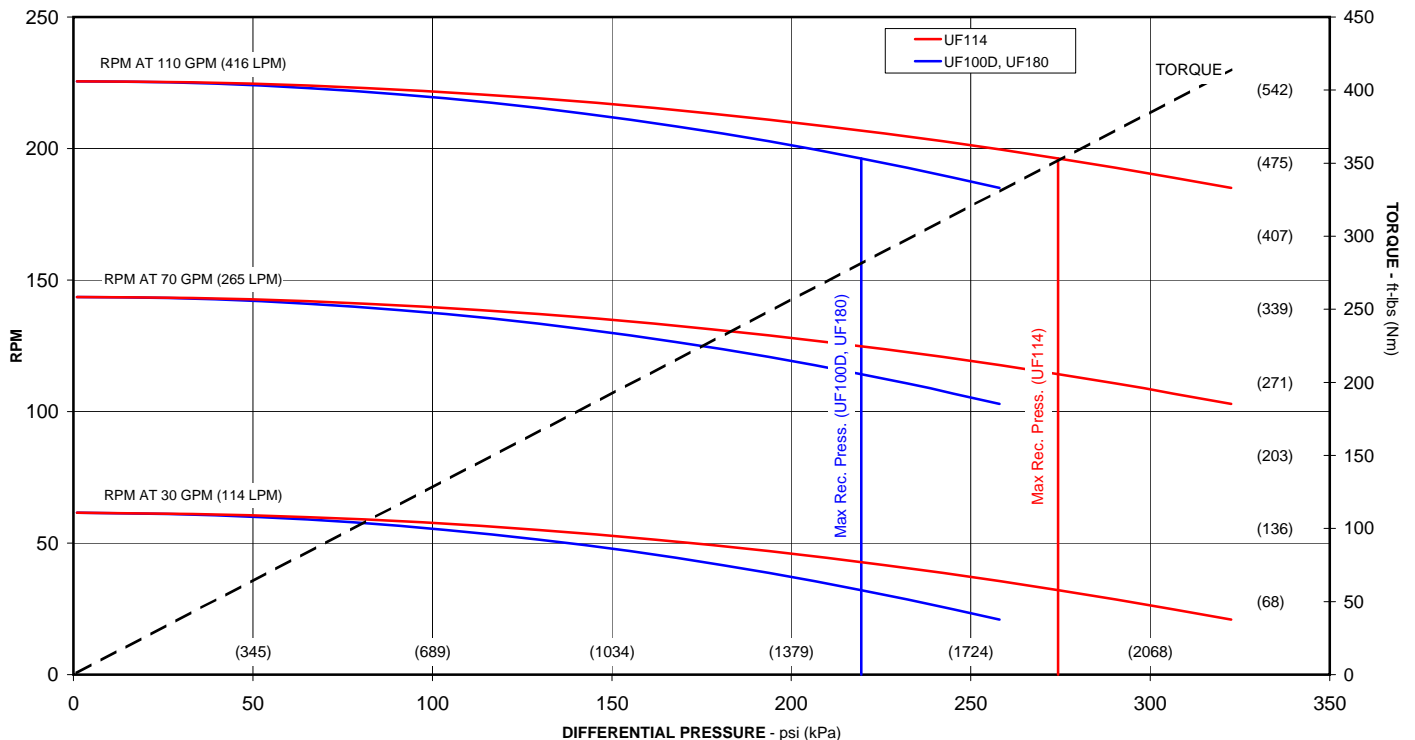
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	101 (696) psi (kPa)
Off Bottom Speed:	2.05 (0.54) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	13 (10) hp (kW)
(UF100D, UF180)	11 (8) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

350M7843 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	113.00 (2870)
Overall Length:	117.00 (2972)
Contour OD:	2.144 (54.46)
Eccentricity:	0.119 (3.02)
*Head OD:	2.000 (50.80)
Weight:	95 (43) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.886 (47.90)	1.877 (47.68)
STD Contour Maj. Diam. (Ref.)		2.362 (59.99)	2.358 (59.89)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.020 (0.51)	0.029 (0.74)
	OS	0.002 (0.05)	0.011 (0.28)
	2OS	N/A	N/A
	3OS	N/A	N/A

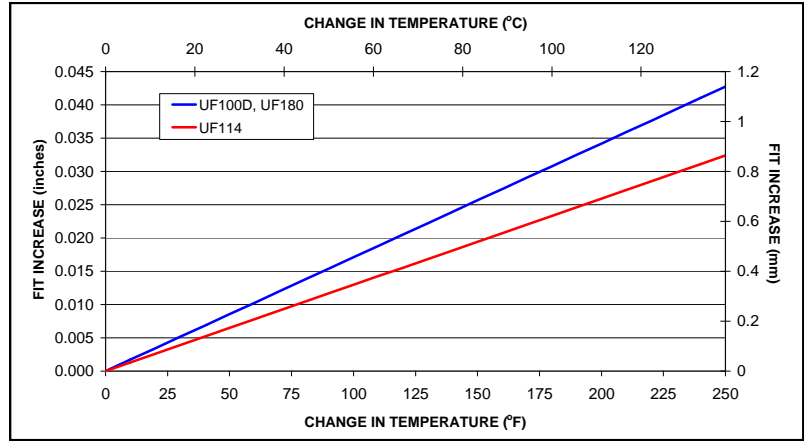
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.3
Nominal Tube OD:	3.500 (88.90)
Nominal Tube ID:	2.750 (69.85)
Overall Length:	133.75 (3397)
Rubber Cut-back:	
Side 1:	5.75 (146)
Side 2:	5.75 (146)
Weight:	151 (68) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

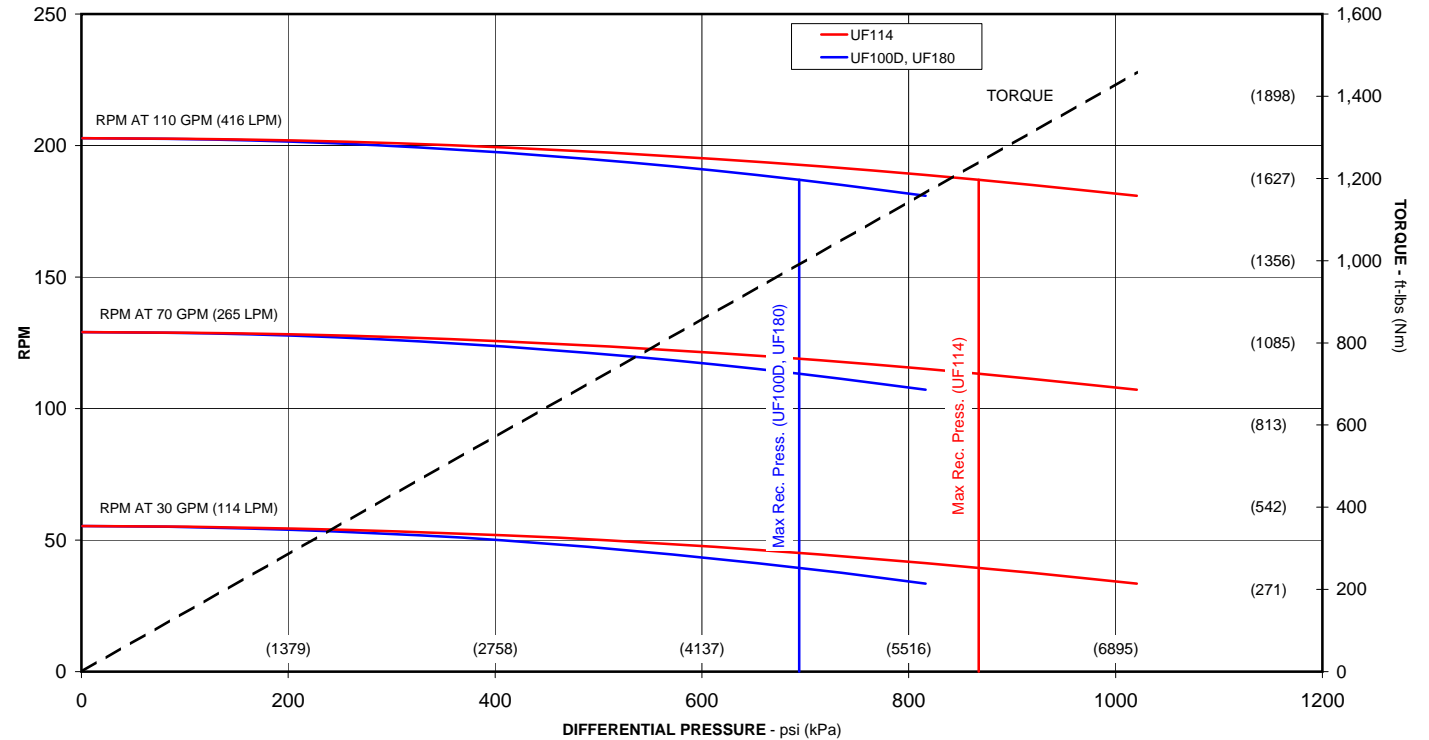
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	77 (531) psi (kPa)
Off Bottom Speed:	1.84 (0.49) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	44 (33) hp (kW)
(UF100D, UF180)	35 (26) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

375M1244 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	169.00 (4293)
Overall Length:	174.00 (4420)
Contour OD:	1.926 (48.92)
Eccentricity:	0.312 (7.92)
*Head OD:	1.750 (44.45)
Weight:	62 (28) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

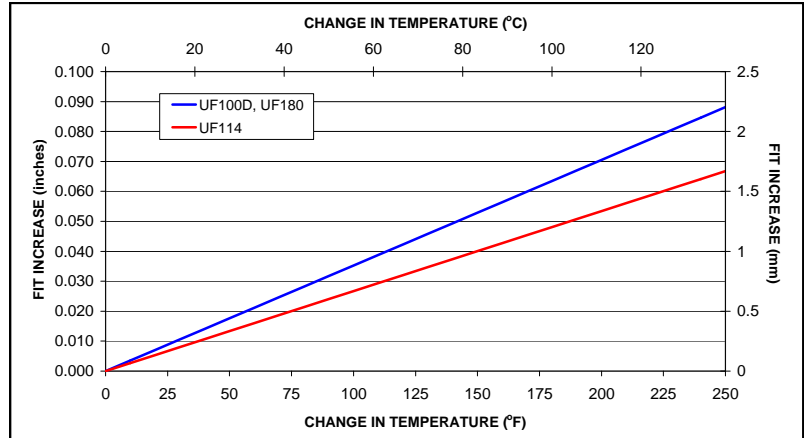
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.250 (31.75)	1.231 (31.27)
STD Contour Maj. Diam. (Ref.)		2.491 (63.27)	2.486 (63.14)
Nominal Fit on Diameter	US	0.078 (1.98)	0.097 (2.46)
	STD	0.052 (1.32)	0.071 (1.80)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.4
Nominal Tube OD:	3.750 (95.25)
Nominal Tube ID:	3.000 (76.20)
Overall Length:	180.00 (4572)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	234 (106) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

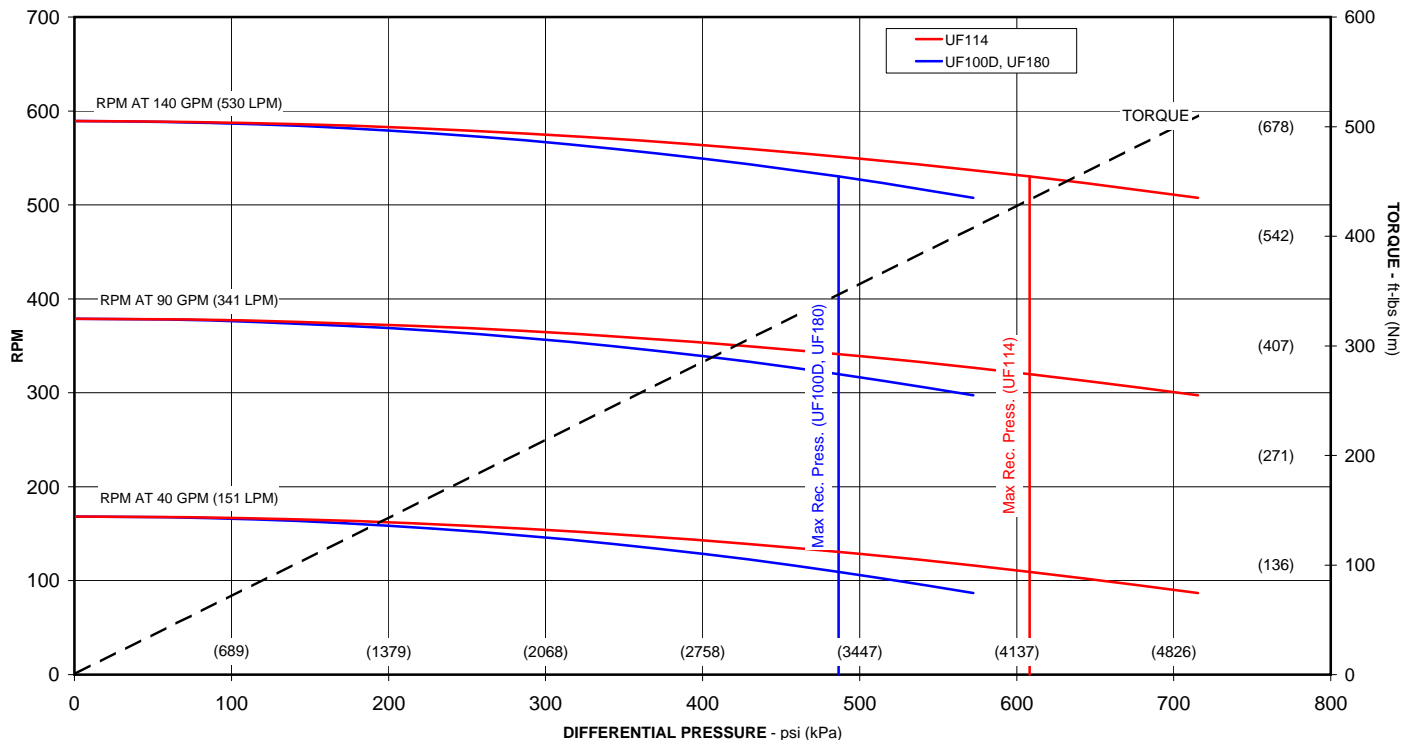
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	66 (455) psi (kPa)
Off Bottom Speed:	4.21 (1.11) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	44 (33) hp (kW)
(UF100D, UF180)	35 (26) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

362 / 375M4535 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	124.00 (3150)
Overall Length:	129.00 (3277)
Contour OD:	2.159 (54.84)
Eccentricity:	0.179 (4.55)
*Head OD:	1.750 (44.45)
Weight:	93 (42) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

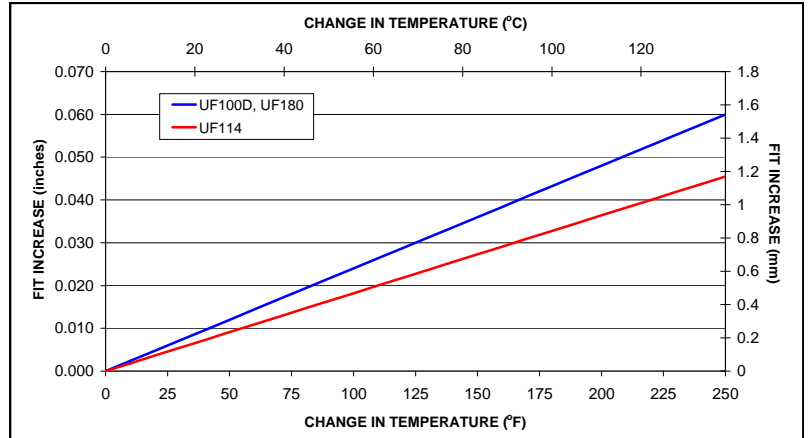
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.786 (45.36)	1.773 (45.03)
STD Contour Maj. Diam. (Ref.)		2.488 (63.20)	2.483 (63.07)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.016 (0.41)	0.029 (0.74)
	OS	-0.012 (-0.30)	0.001 (0.03)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.5
Nominal Tube OD:	3.625 (92.08)
Nominal Tube ID:	3.000 (76.20)
Overall Length:	135.00 (3429)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	143 (65) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

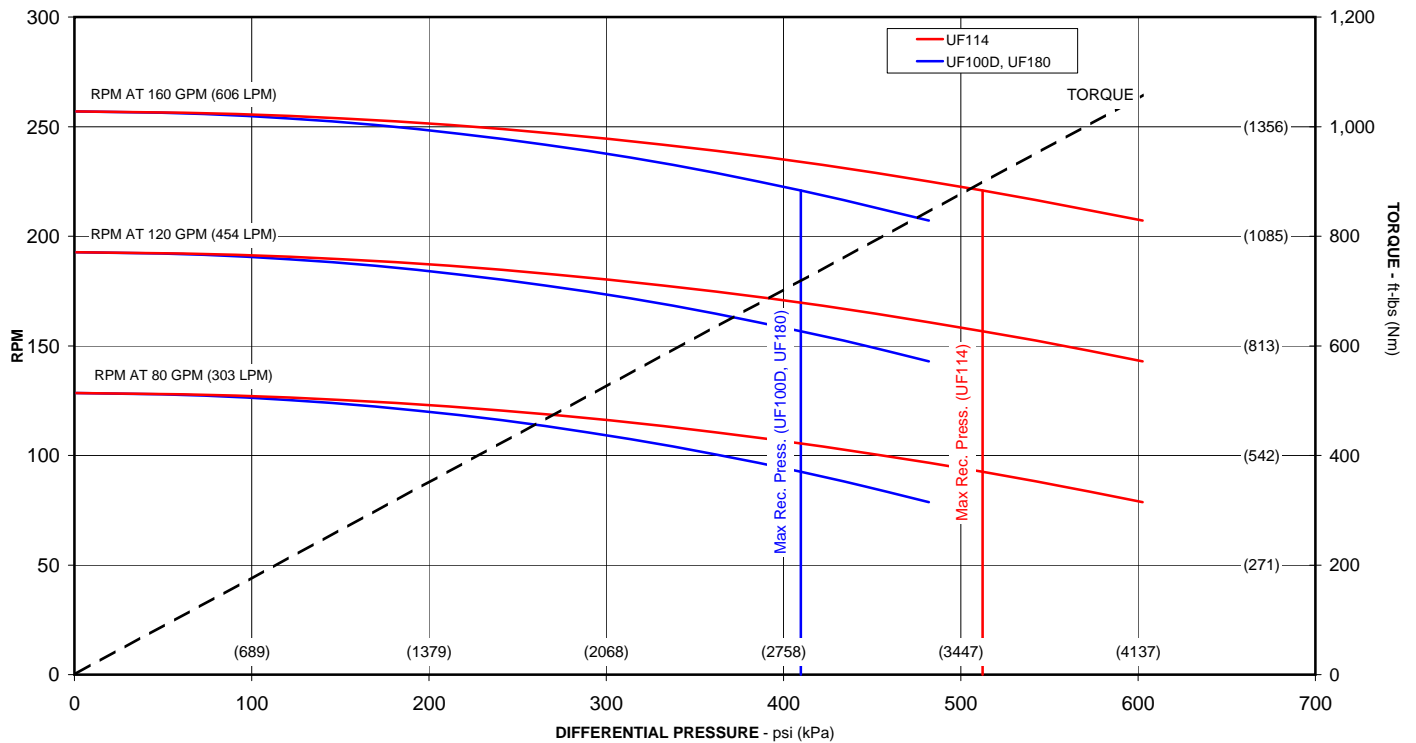
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	98 (676) psi (kPa)
Off Bottom Speed:	1.61 (0.43) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	38 (28) hp (kW)
(UF100D, UF180)	30 (22) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

375M5615 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	27.75 (705)
Overall Length:	27.75 (705)
Contour OD:	2.366 (60.10)
Eccentricity:	0.167 (4.24)
*Head OD:	2.000 (50.80)
Weight:	26 (12) lbs (kg)
*Thread Form:	1 1/2"-6 Stub Acme
Material:	17-4 SS Bar

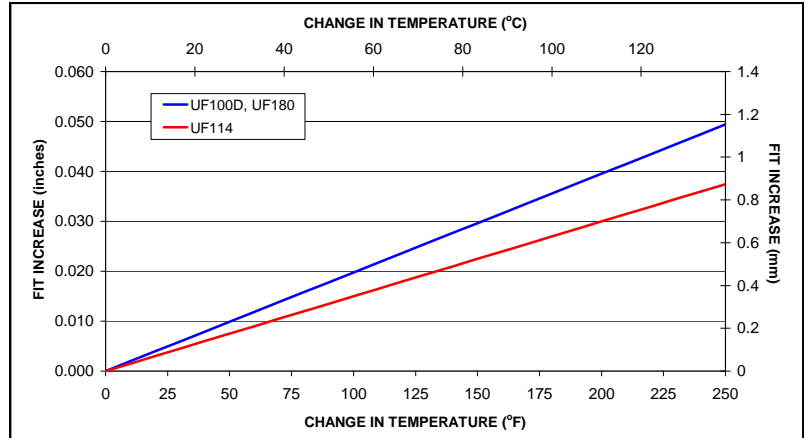
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.012 (51.10)	2.001 (50.83)
STD Contour Maj. Diam. (Ref.)		2.674 (67.92)	2.671 (67.84)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.020 (0.51)	0.031 (0.79)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	1.5
Nominal Tube OD:	3.750 (95.25)
Nominal Tube ID:	3.000 (76.20)
Overall Length:	36.50 (927)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	2.50 (64)
Weight:	44 (20) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

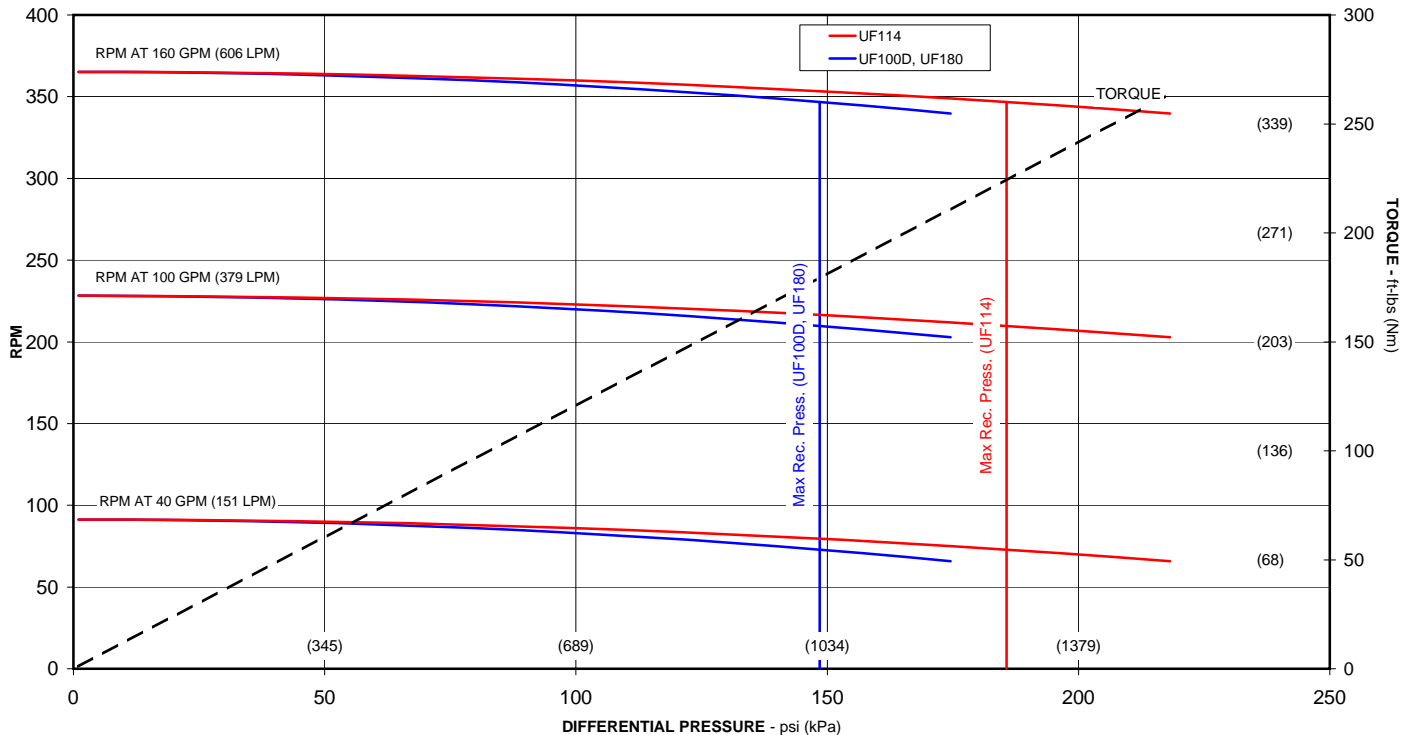
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	74 (510) psi (kPa)
Off Bottom Speed:	2.28 (0.6) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	15 (11) hp (kW)
(UF100D, UF180)	12 (9) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

375M5638 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	71.25 (1810)
Overall Length:	76.25 (1937)
Contour OD:	2.366 (60.10)
Eccentricity:	0.167 (4.24)
*Head OD:	1.875 (47.63)
Weight:	70 (32) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

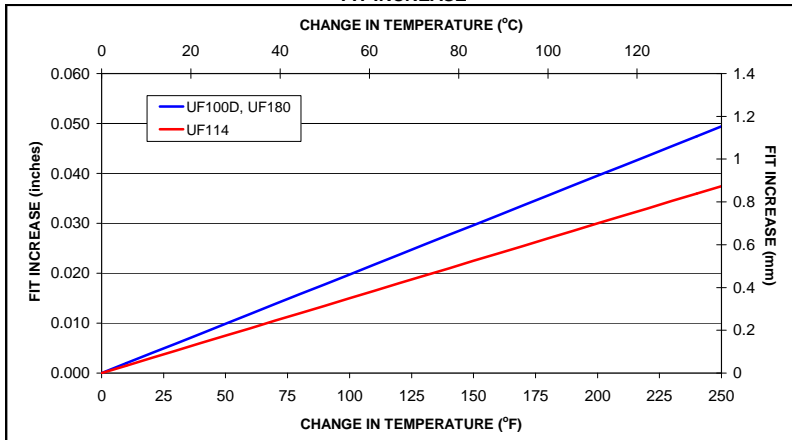
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.012 (51.10)	2.001 (50.83)
STD Contour Maj. Diam. (Ref.)		2.674 (67.92)	2.671 (67.84)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.020 (0.51)	0.031 (0.79)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.8
Nominal Tube OD:	3.750 (95.25)
Nominal Tube ID:	3.000 (76.20)
Overall Length:	80.00 (2032)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	2.50 (64)
Weight:	98 (44) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

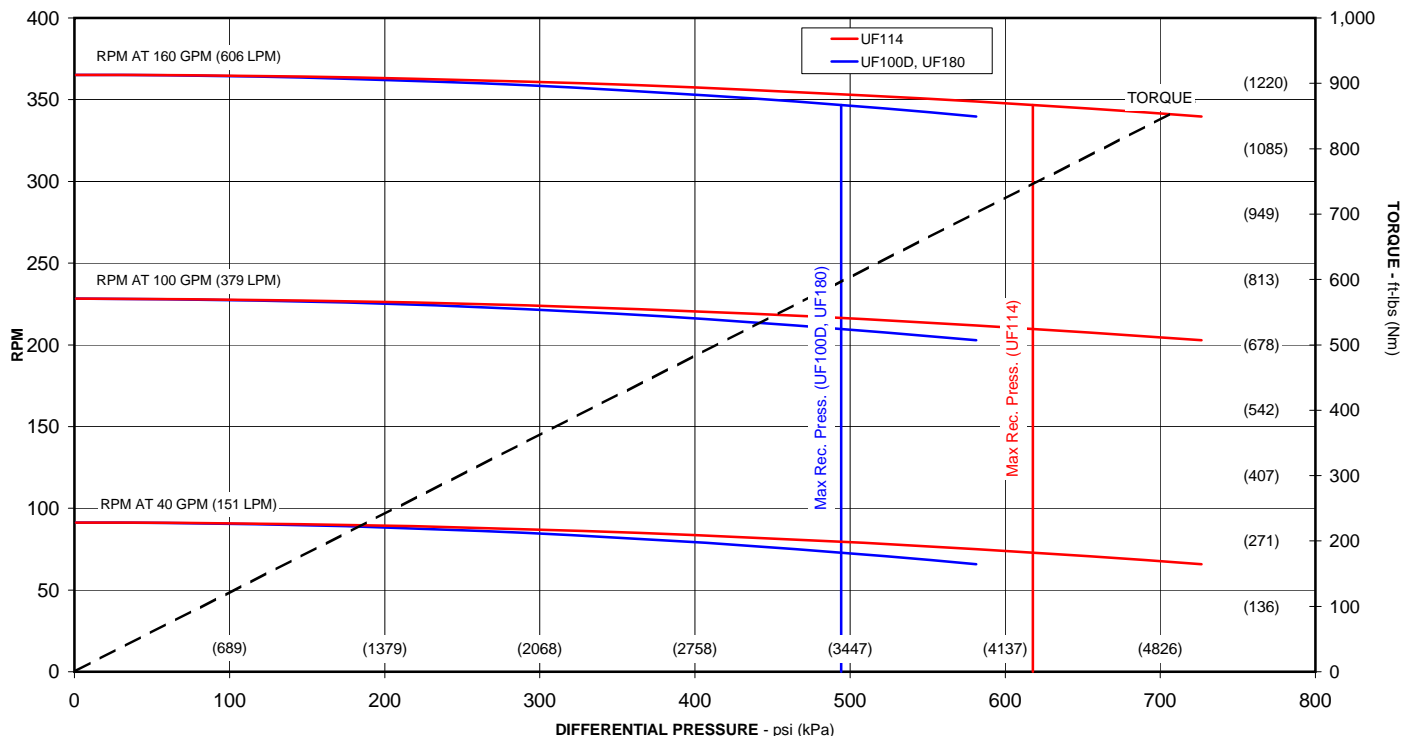
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	74 (510) psi (kPa)
Off Bottom Speed:	2.28 (0.6) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	49 (37) hp (kW)
(UF100D, UF180)	39 (29) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

375M7820 SR SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	38.00 (965)
Overall Length:	41.00 (1041)
Contour OD:	2.505 (63.63)
Eccentricity:	0.138 (3.51)
*Head OD:	2.375 (60.33)
Weight:	45 (20) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.210 (56.13)	2.200 (55.88)
STD Contour Maj. Diam. (Ref.)		2.754 (69.95)	2.750 (69.85)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.019 (0.48)	0.029 (0.74)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

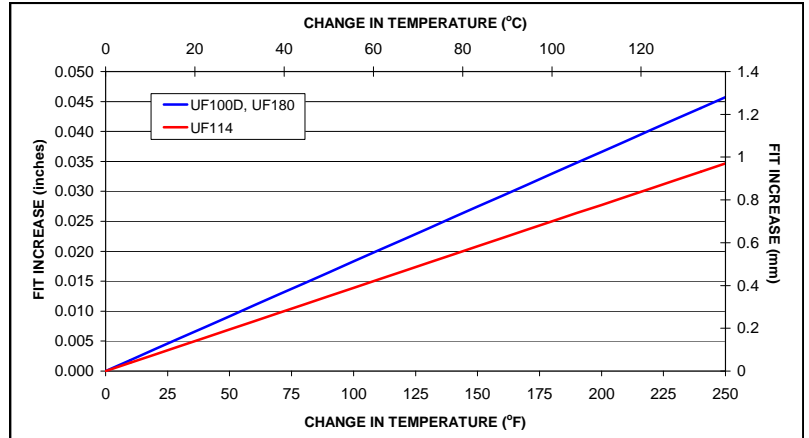
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.0
Nominal Tube OD:	3.750 (95.25)
Nominal Tube ID:	3.125 (79.38)
Overall Length:	52.70 (1339)
Rubber Cut-back:	
Side 1:	5.00 (127)
Side 2:	10.10 (257)
Weight:	55 (25) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

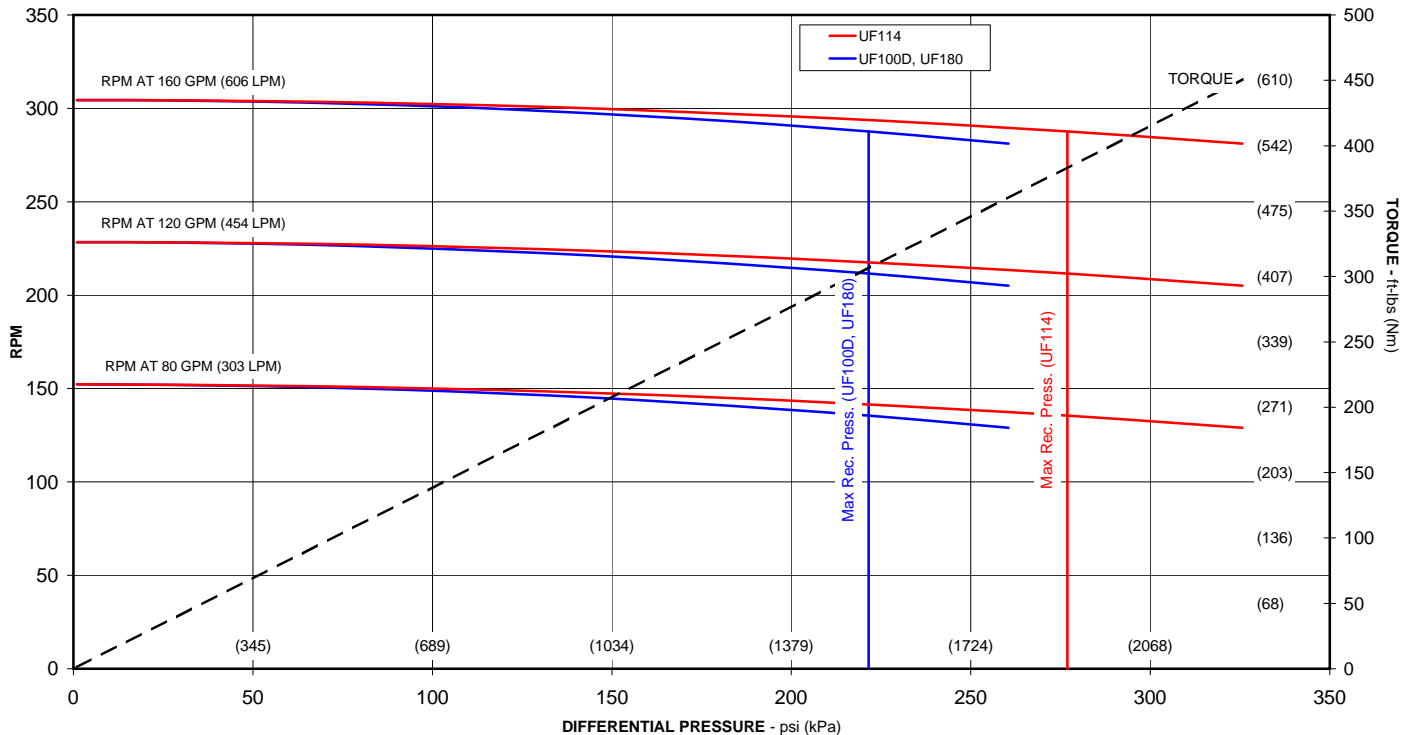
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	103 (710) psi (kPa)
Off Bottom Speed:	1.9 (0.5) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	21 (16) hp (kW)
(UF100D, UF180)	17 (13) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



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Moyno® Power Sections

375M7820 HTS SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	147.00 (3734)
Overall Length:	152.00 (3861)
Contour OD:	2.237 (56.82)
Eccentricity:	0.125 (3.18)
*Head OD:	2.000 (50.80)
Weight:	130 (59) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

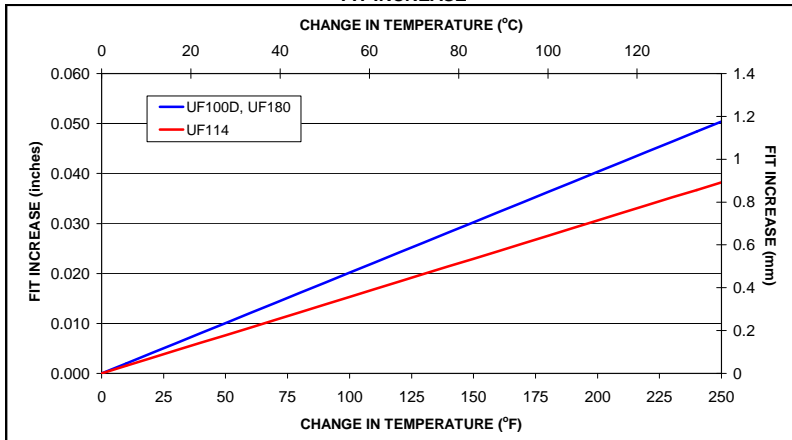
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.992 (50.60)	1.980 (50.29)
STD Contour Maj. Diam. (Ref.)		2.489 (63.22)	2.483 (63.07)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.004 (-0.10)	0.008 (0.20)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.0
Nominal Tube OD:	3.750 (95.25)
Nominal Tube ID:	3.000 (76.20)
Overall Length:	160.00 (4064)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	201 (91) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

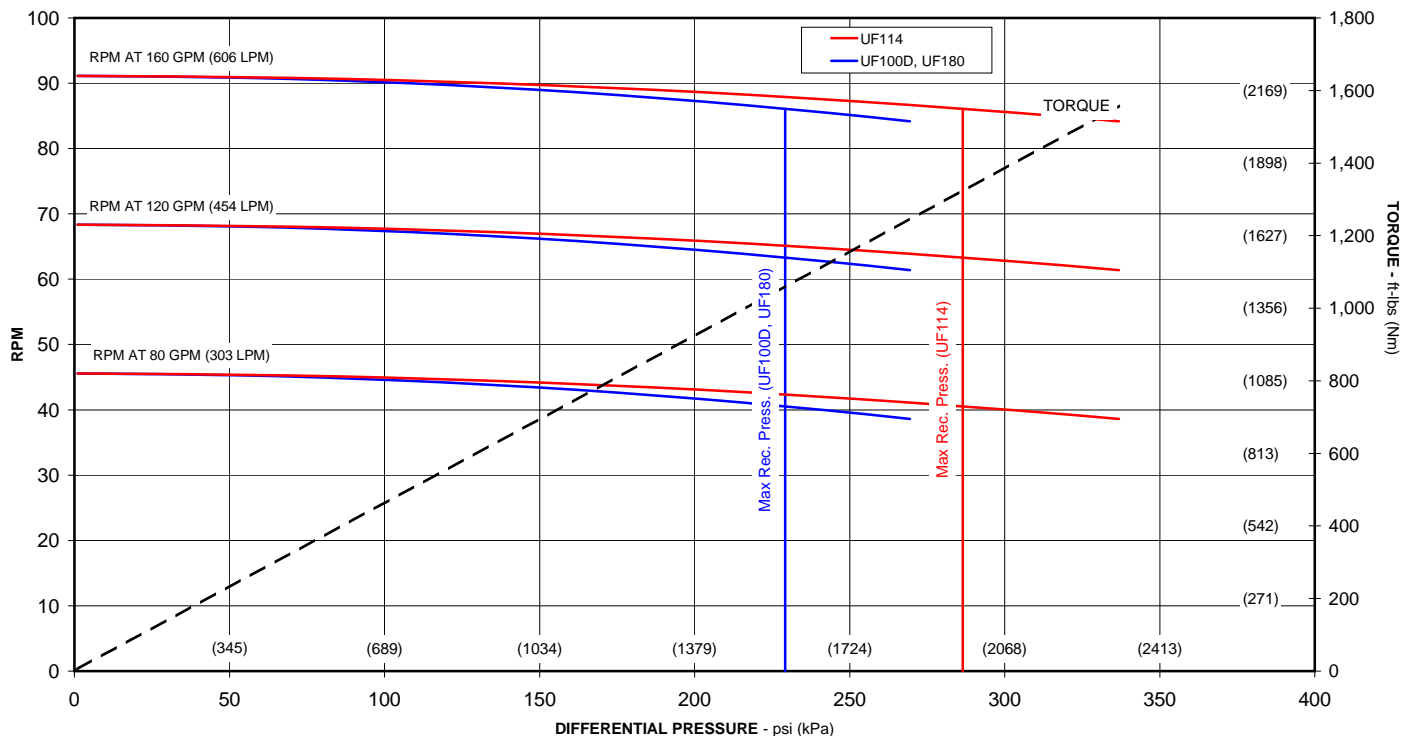
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	117 (807) psi (kPa)
Off Bottom Speed:	0.57 (0.15) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	22 (16) hp (kW)
(UF100D, UF180)	17 (13) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

362 / 375M7823 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	124.00 (3150)
Overall Length:	129.00 (3277)
Contour OD:	2.256 (57.30)
Eccentricity:	0.124 (3.15)
*Head OD:	1.875 (47.63)
Weight:	117 (53) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

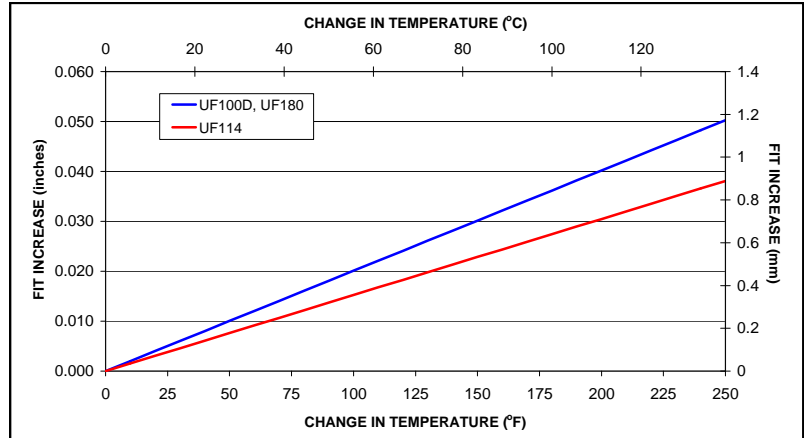
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.984 (50.39)	1.973 (50.11)
STD Contour Maj. Diam. (Ref.)		2.468 (62.69)	2.462 (62.53)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.024 (0.61)	0.035 (0.89)
	OS	0.002 (0.05)	0.013 (0.33)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.3
Nominal Tube OD:	3.625 (92.08)
Nominal Tube ID:	3.000 (76.20)
Overall Length:	135.00 (3429)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	141 (64) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

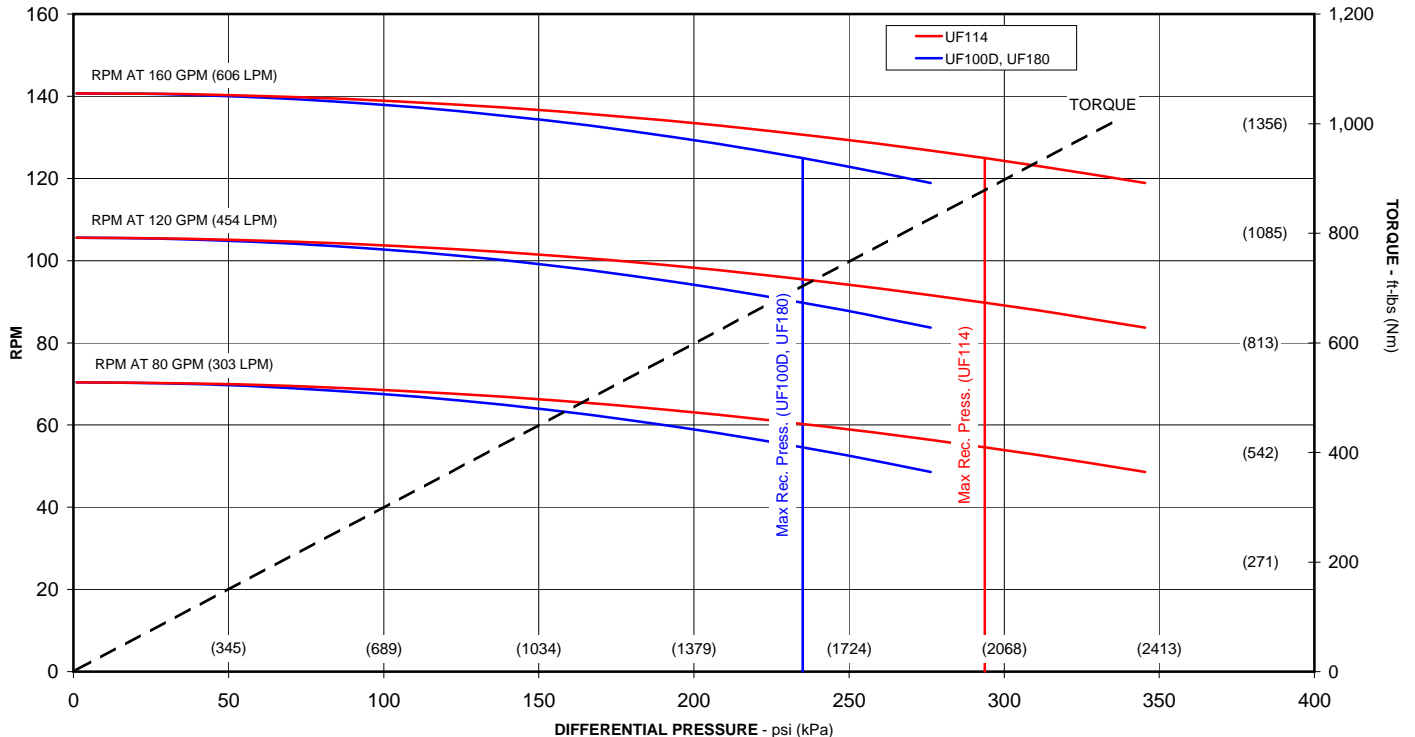
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	142 (979) psi (kPa)
Off Bottom Speed:	0.88 (0.23) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	21 (16) hp (kW)
(UF100D, UF180)	17 (13) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

375M7835 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	65.85 (1673)
Overall Length:	69.85 (1774)
Contour OD:	2.505 (63.63)
Eccentricity:	0.138 (3.51)
*Head OD:	2.375 (60.33)
Weight:	77 (35) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

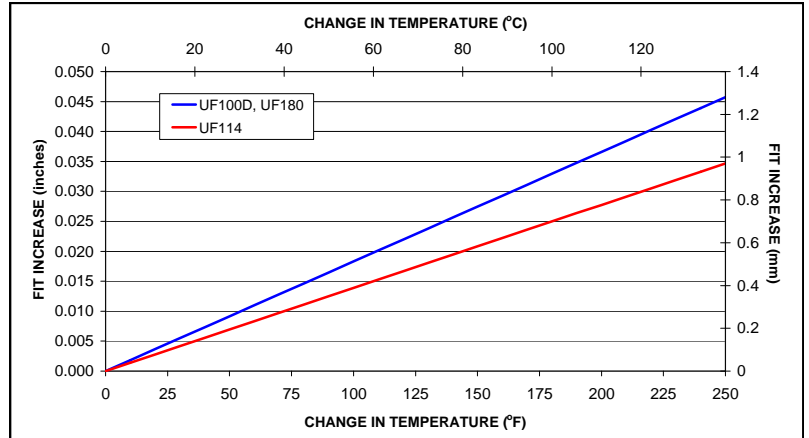
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.210 (56.13)	2.200 (55.88)
STD Contour Maj. Diam. (Ref.)		2.754 (69.95)	2.750 (69.85)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.019 (0.48)	0.029 (0.74)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.5
Nominal Tube OD:	3.750 (95.25)
Nominal Tube ID:	3.125 (79.38)
Overall Length:	82.00 (2083)
Rubber Cut-back:	
Side 1:	11.10 (282)
Side 2:	5.00 (127)
Weight:	87 (39) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

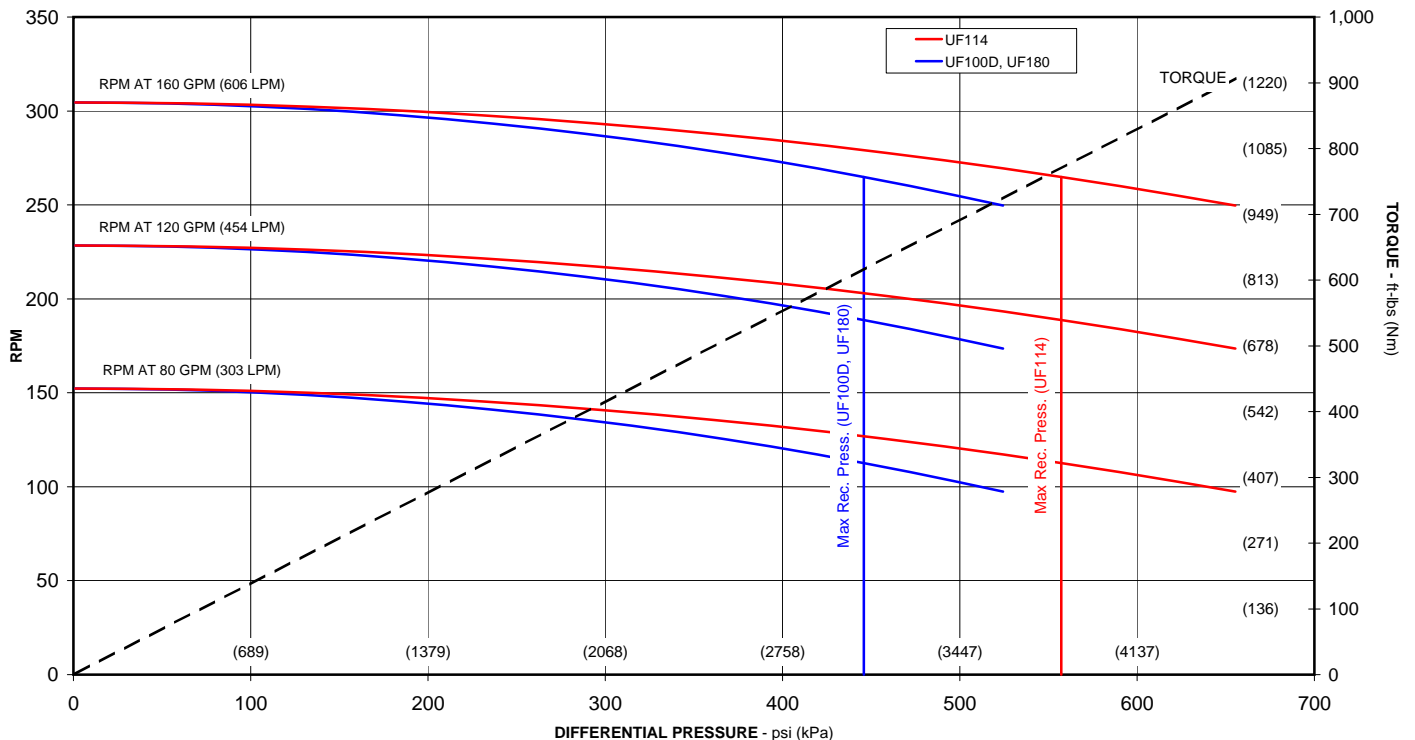
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	123 (848) psi (kPa)
Off Bottom Speed:	1.9 (0.5) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	39 (29) hp (kW)
(UF100D, UF180)	31 (23) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

375M7867 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	165.00 (4191)
Overall Length:	172.00 (4369)
Contour OD:	2.270 (57.66)
Eccentricity:	0.125 (3.18)
*Head OD:	2.000 (50.80)
Weight:	154 (70) lbs (kg)
*Thread Form:	1 3/8"-6 Stub Acme
Material:	17-4 SS Bar

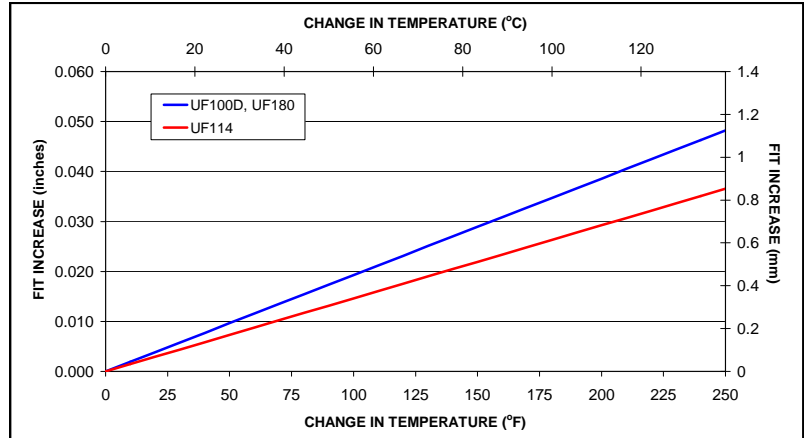
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
OS Contour Min. Diam.		2.018 (51.26)	2.008 (51.00)
OS Contour Maj. Diam. (Ref.)		2.513 (63.83)	2.508 (63.70)
US		N/A	N/A
STD		N/A	N/A
Nominal Fit on Diameter	OS	0.002 (0.05)	0.012 (0.30)
	2OS	-0.033 (-0.84)	-0.023 (-0.58)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	6.7
Nominal Tube OD:	3.750 (95.25)
Nominal Tube ID:	3.000 (76.20)
Overall Length:	180.00 (4572)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	224 (102) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

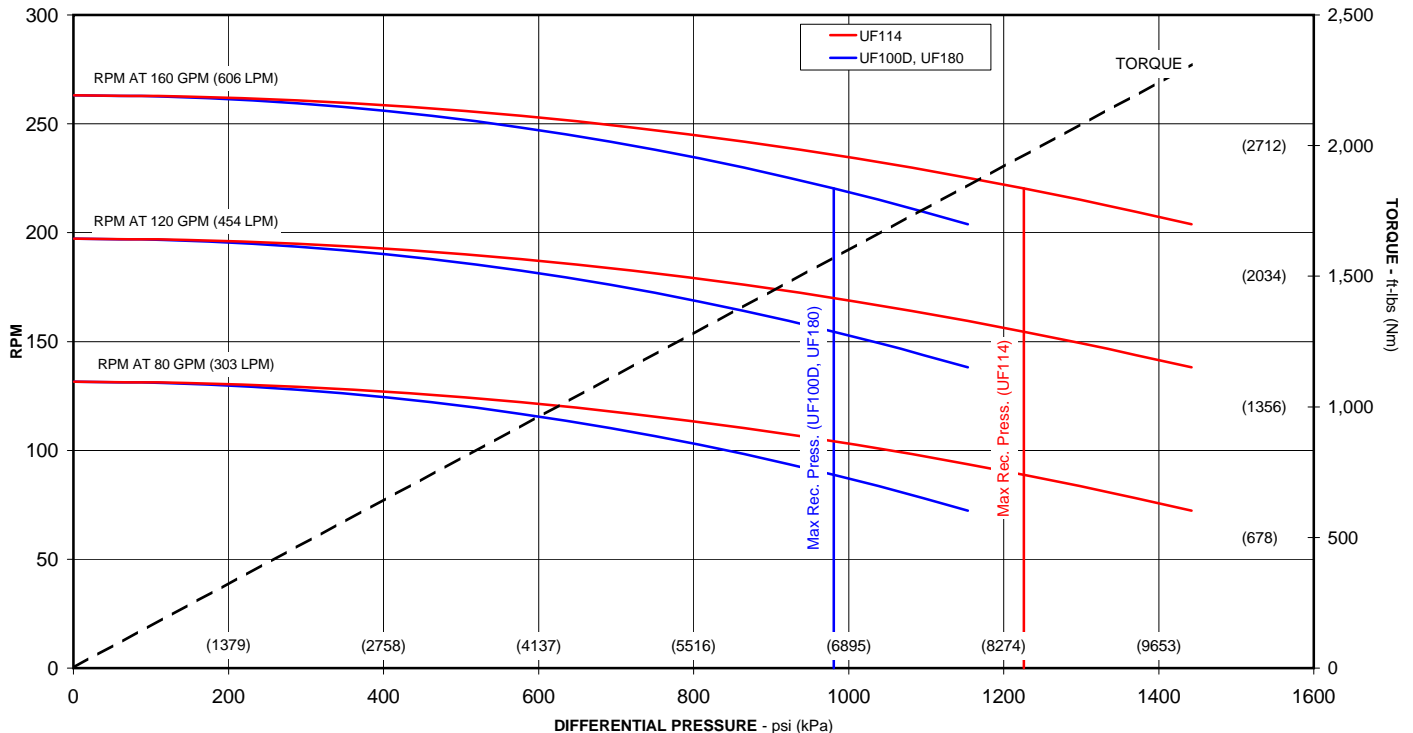
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	117 (807) psi (kPa)
Off Bottom Speed:	1.64 (0.43) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	82 (61) hp (kW)
(UF100D, UF180)	66 (49) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

375M78101 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	210.00 (5334)
Overall Length:	214.00 (5436)
Contour OD:	2.276 (57.81)
Eccentricity:	0.126 (3.20)
*Head OD:	2.250 (57.15)
Weight:	195 (88) lbs (kg)
*Thread Form:	1 5/8"-8 Stub Acme-2G
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	2.014 (51.16)	2.004 (50.90)	
STD Contour Maj. Diam. (Ref.)	2.518 (63.96)	2.513 (63.83)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.011 (0.28)	0.021 (0.53)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

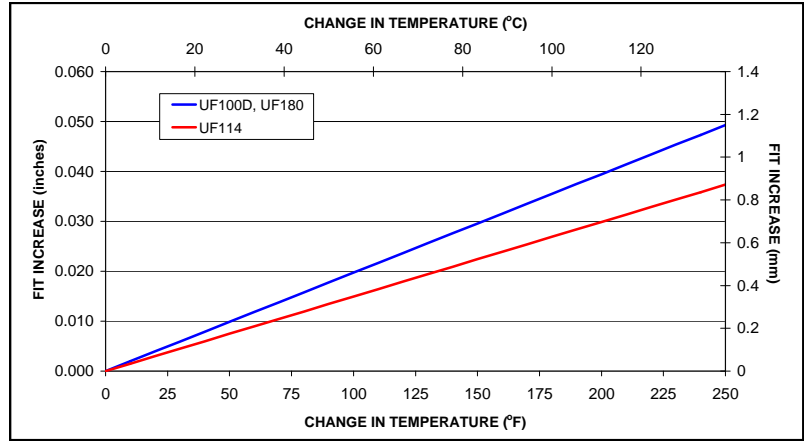
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	10.1
Nominal Tube OD:	3.750 (95.25)
Nominal Tube ID:	3.000 (76.20)
Overall Length:	225.00 (5715)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	280 (127) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

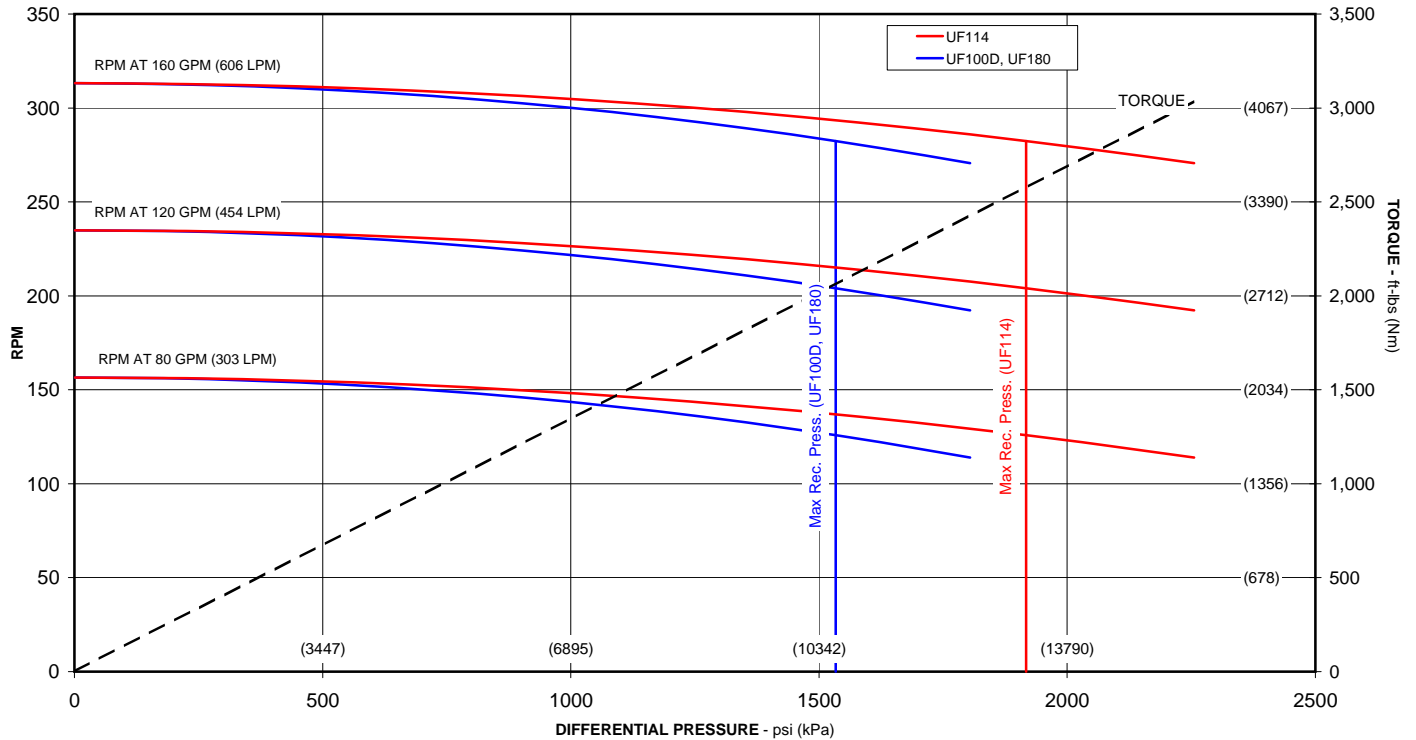
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	118 (814) psi (kPa)
Off Bottom Speed:	1.96 (0.52) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	139 (104) hp (kW)
(UF100D, UF180)	111 (83) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475M1230 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	129.00 (3277)
Overall Length:	134.00 (3404)
Contour OD:	2.434 (61.82)
Eccentricity:	0.397 (10.08)
*Head OD:	2.500 (63.50)
Weight:	79 (36) lbs (kg)
*Thread Form:	1 7/8"-4 Stub Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.598 (40.59)	1.575 (40.01)
STD Contour Maj. Diam. (Ref.)		3.173 (80.59)	3.167 (80.44)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.042 (1.07)	0.065 (1.65)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

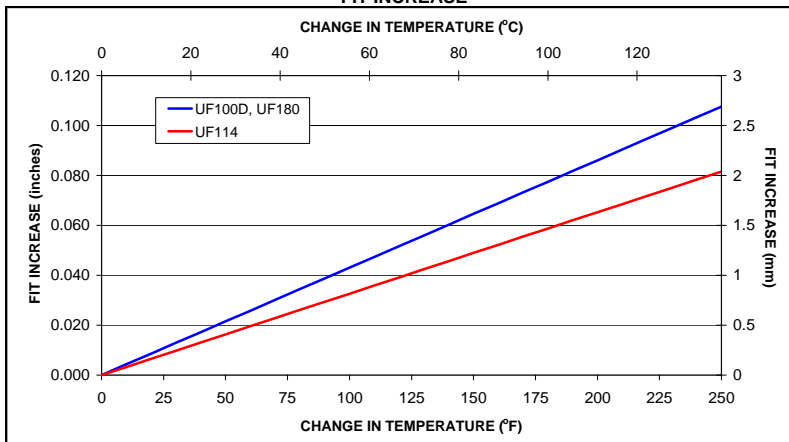
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	143.00 (3632)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	306 (139) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

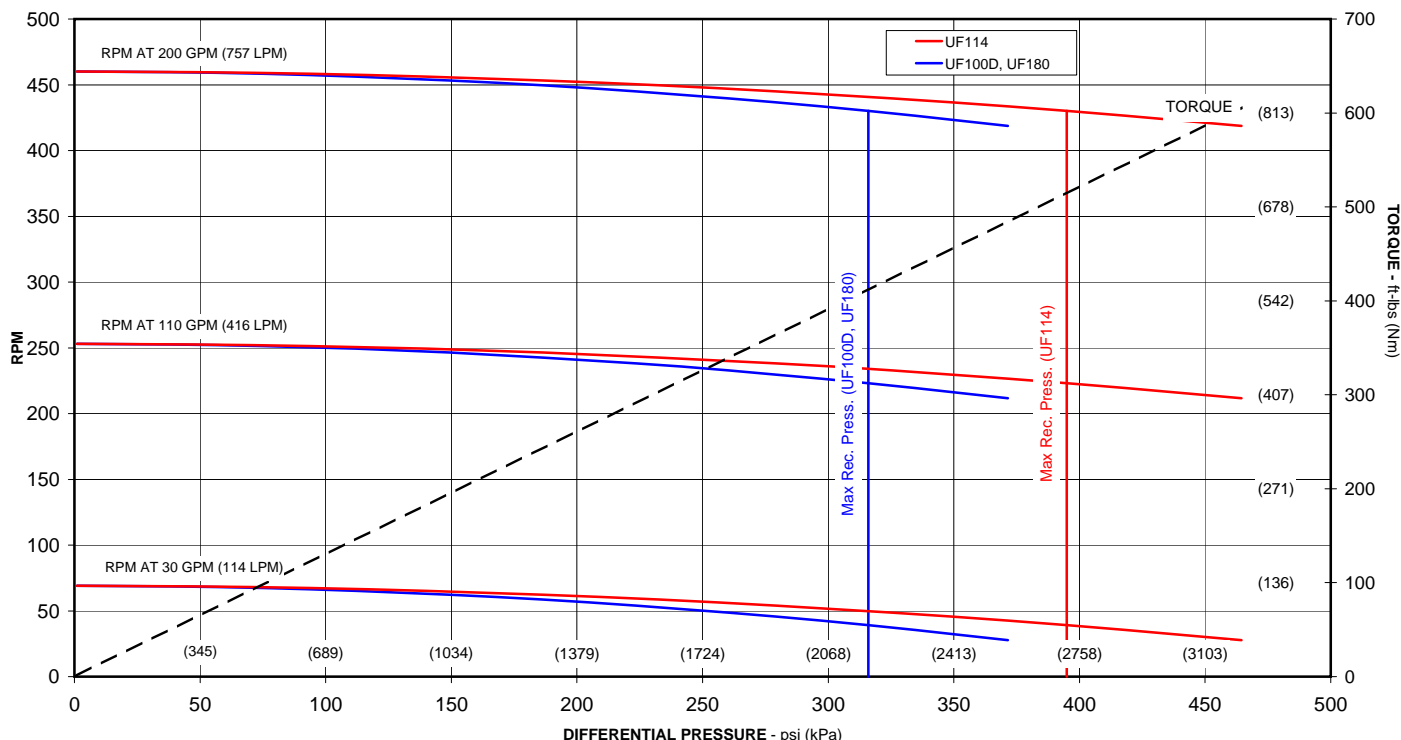
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	65 (448) psi (kPa)
Off Bottom Speed:	2.3 (0.61) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	42 (31) hp (kW)
(UF100D, UF180)	34 (25) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475M1240 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	129.00 (3277)
Overall Length:	134.00 (3404)
Contour OD:	2.434 (61.82)
Eccentricity:	0.397 (10.08)
*Head OD:	2.500 (63.50)
Weight:	79 (36) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.598 (40.59)	1.574 (39.98)
STD Contour Maj. Diam. (Ref.)		3.178 (80.72)	3.171 (80.54)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.042 (1.07)	0.066 (1.68)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

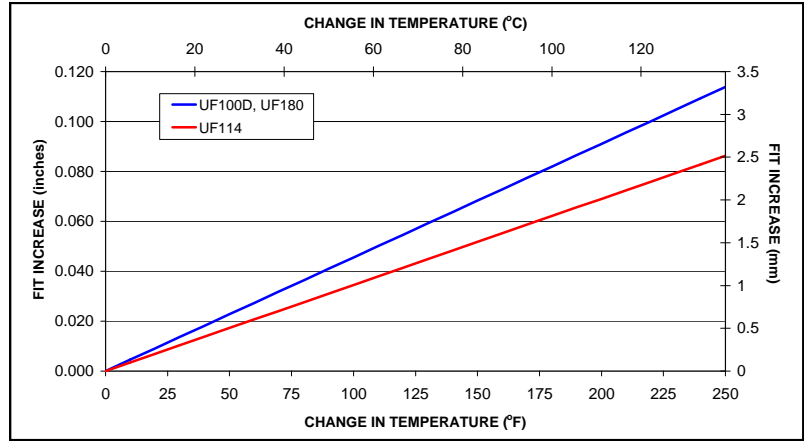
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.875 (98.43)
Overall Length:	143.00 (3632)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	280 (127) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

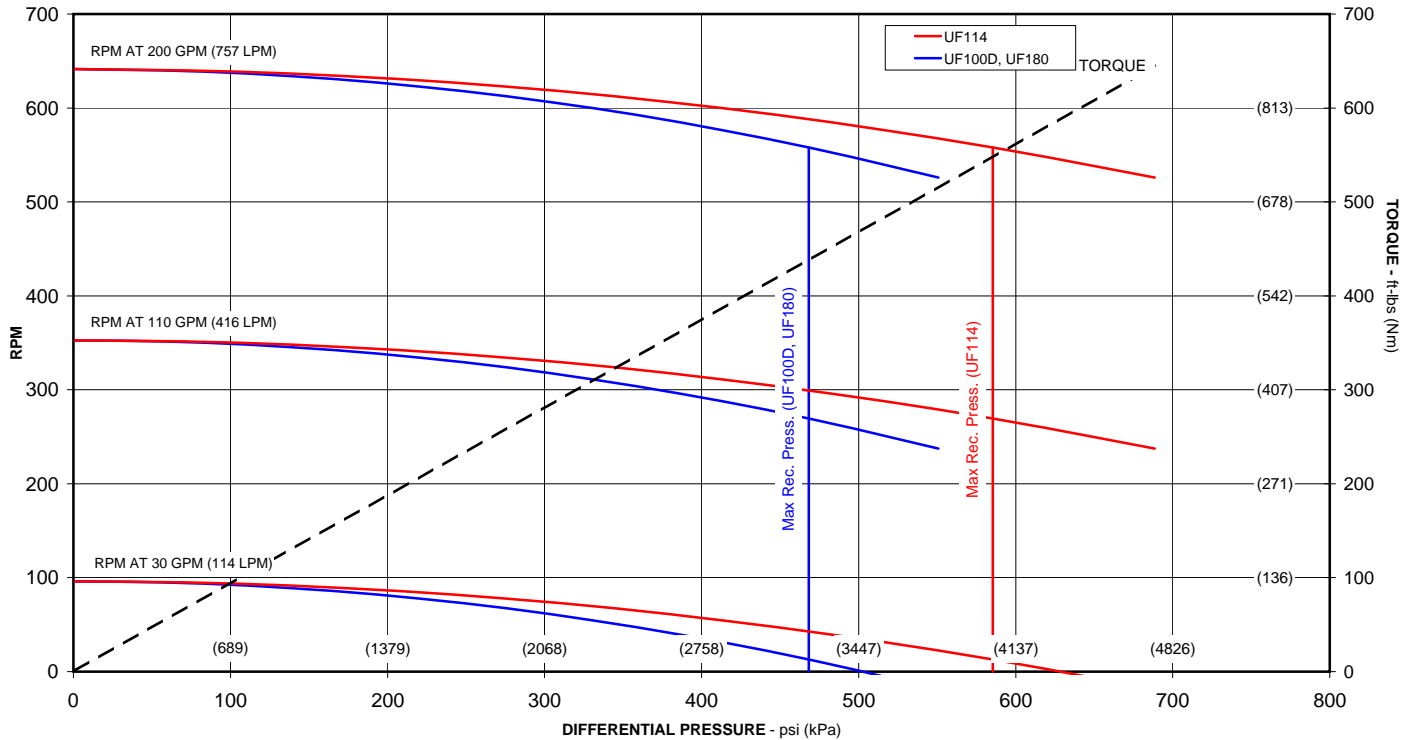
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	65 (448) psi (kPa)
Off Bottom Speed:	3.21 (0.85) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	58 (43) hp (kW)
(UF100D, UF180)	47 (35) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475M1265 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	198.88 (5052)
Overall Length:	204.27 (5188)
Contour OD:	2.436 (61.87)
Eccentricity:	0.406 (10.31)
*Head OD:	2.500 (63.50)
Weight:	124 (56) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		1.633 (41.48)	1.610 (40.89)
STD Contour Maj. Diam. (Ref.)		3.214 (81.64)	3.208 (81.48)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.008 (-0.20)	0.015 (0.38)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

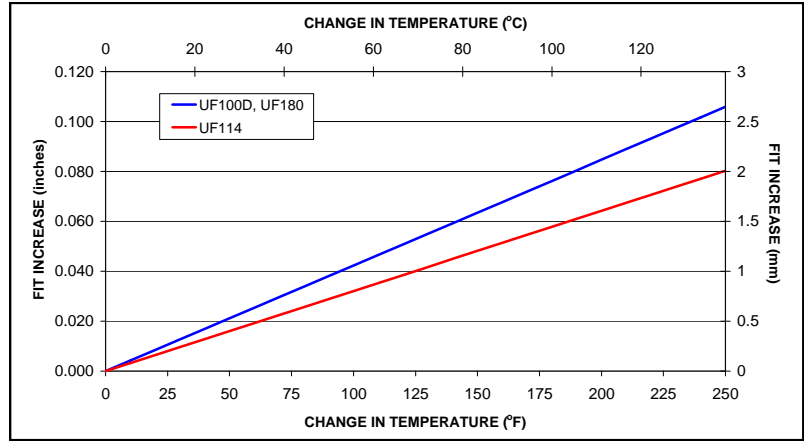
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	6.5
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	211.00 (5359)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	452 (205) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

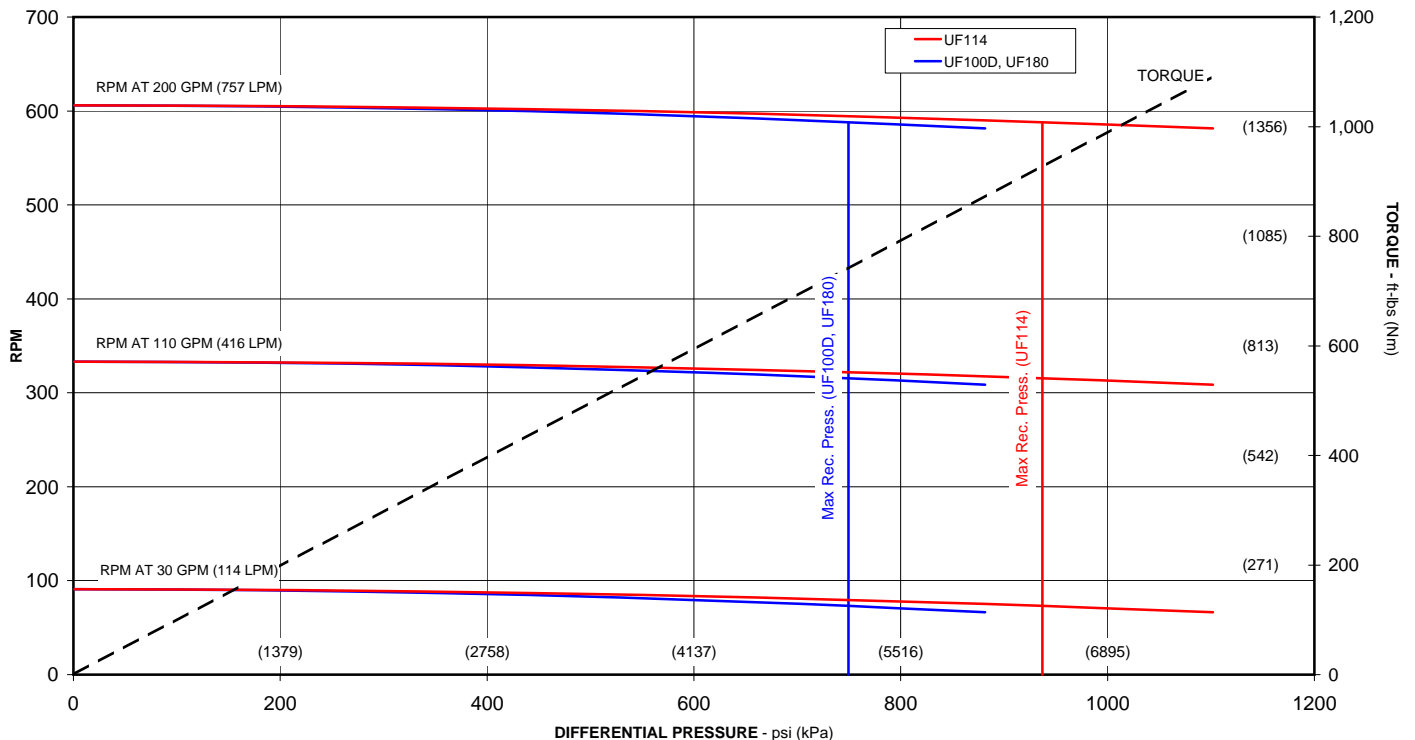
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	63 (434) psi (kPa)
Off Bottom Speed:	3.03 (0.8) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	104 (78) hp (kW)
(UF100D, UF180)	83 (62) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475M1270 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	163.00 (4140)
Overall Length:	168.00 (4267)
Contour OD:	2.532 (64.31)
Eccentricity:	0.422 (10.72)
*Head OD:	2.500 (63.50)
Weight:	110 (50) lbs (kg)
*Thread Form:	1 7/8"-8 Stub Acme
Material:	17-4 SS Bar

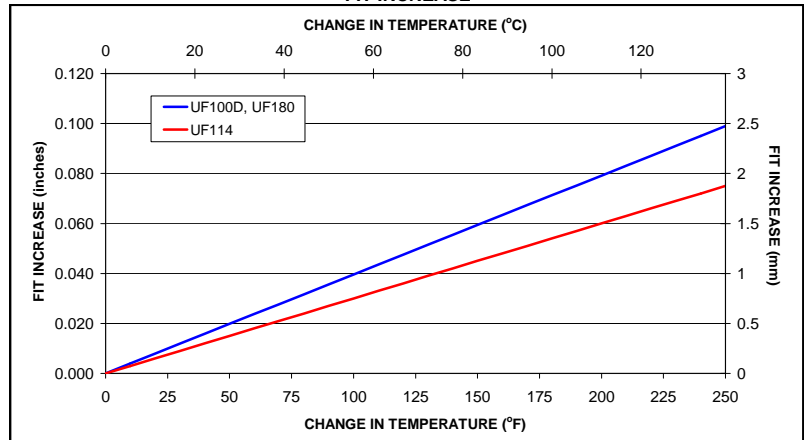
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
2OS Contour Min. Diam.		1.770 (44.96)	1.749 (44.42)
2OS Contour Maj. Diam. (Ref.)		3.368 (85.55)	3.364 (85.45)
Nominal Fit on Diameter			
	US	N/A	N/A
	STD	N/A	N/A
	OS	N/A	N/A
	2OS	-0.082 (-2.08)	-0.061 (-1.55)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	7.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	190.00 (4826)
Rubber Cut-back:	
Side 1:	21.00 (533)
Side 2:	9.50 (241)
Weight:	398 (181) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

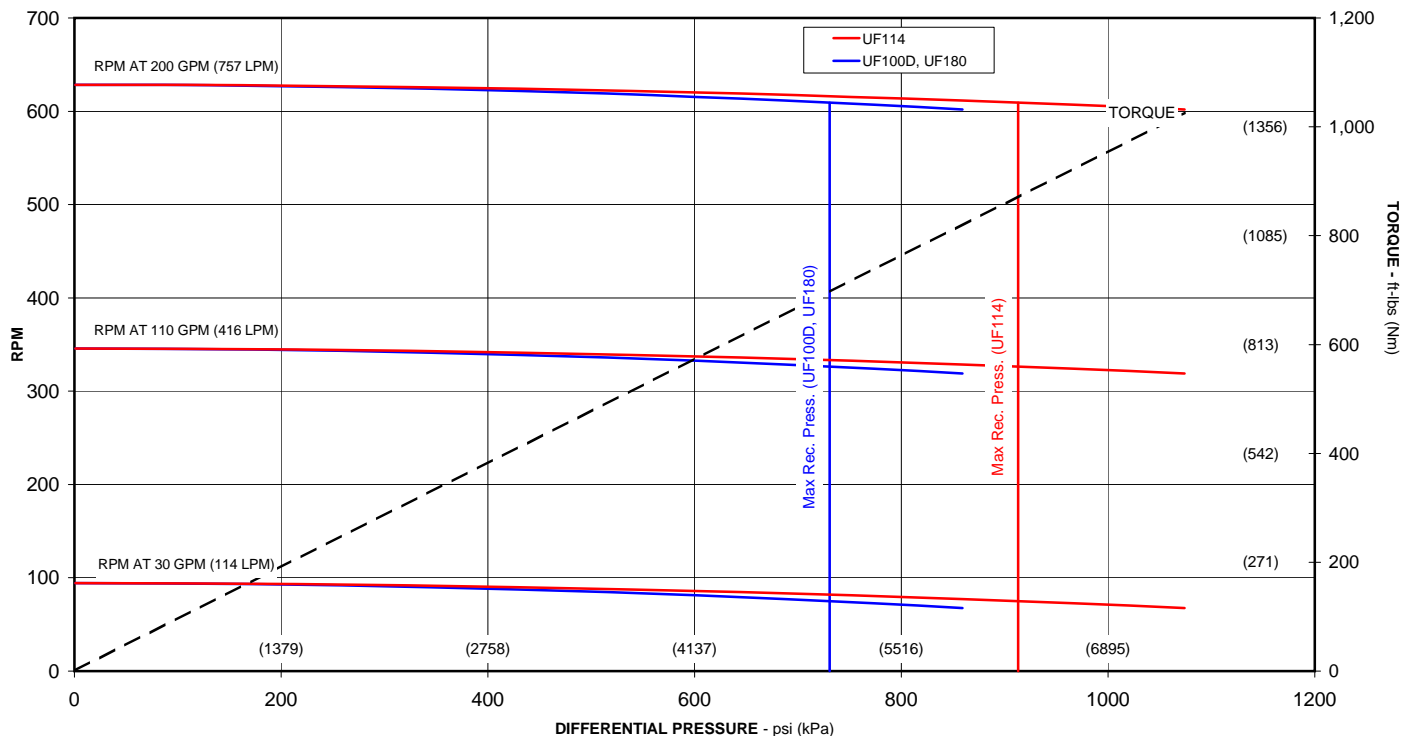
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	67 (462) psi (kPa)
Off Bottom Speed:	3.14 (0.83) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	101 (75) hp (kW)
(UF100D, UF180)	81 (60) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

475M1276 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	206.00 (5232)
Overall Length:	211.00 (5359)
Contour OD:	2.437 (61.90)
Eccentricity:	0.406 (10.31)
*Head OD:	2.500 (63.50)
Weight:	128 (58) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
OS Contour Min. Diam.	1.625 (41.28)	1.602 (40.69)	
OS Contour Maj. Diam. (Ref.)	3.250 (82.55)	3.244 (82.40)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	N/A	N/A
	OS	0.000 (0.00)	0.023 (0.58)
	2OS	N/A	N/A
	3OS	N/A	N/A

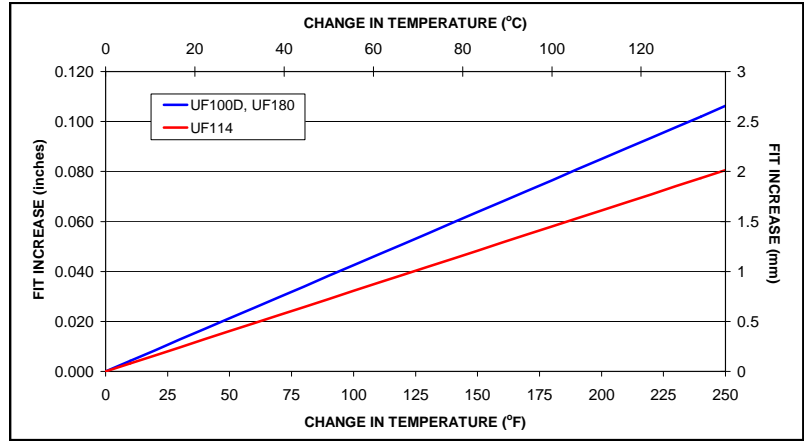
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	7.6
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	221.00 (5613)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	12.00 (305)
Weight:	472 (214) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

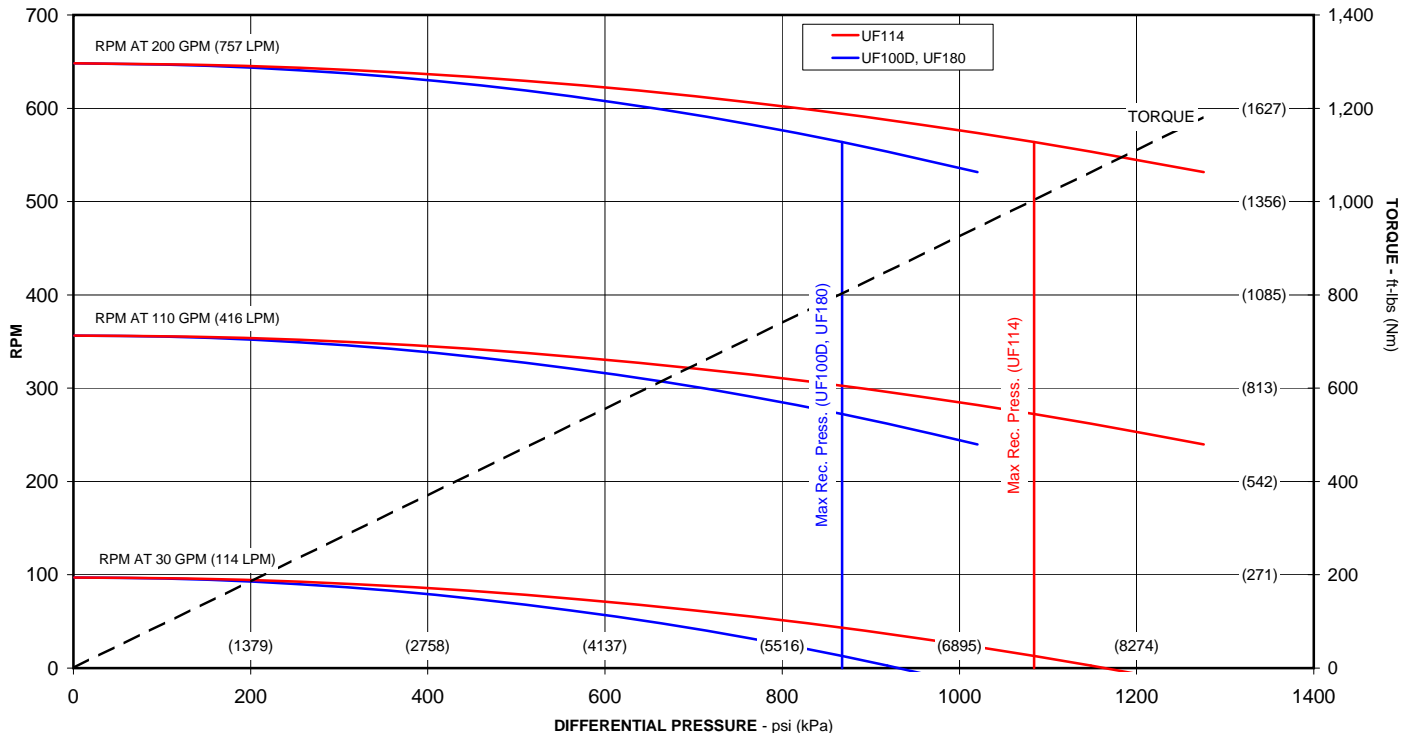
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	63 (434) psi (kPa)
Off Bottom Speed:	3.24 (0.86) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	108 (81) hp (kW)
(UF100D, UF180)	86 (64) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



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Moyno® Power Sections

475M34110 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	197.00 (5004)
Overall Length:	202.00 (5131)
Contour OD:	2.815 (71.50)
Eccentricity:	0.279 (7.09)
*Head OD:	2.750 (69.85)
Weight:	235 (107) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

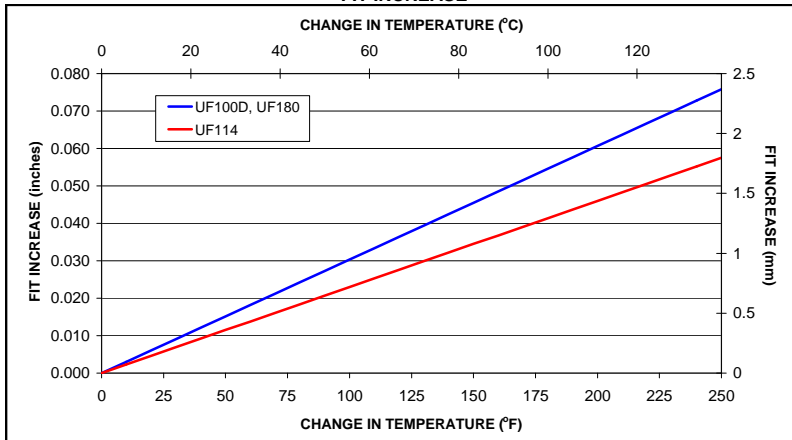
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.233 (56.72)	2.217 (56.31)
STD Contour Maj. Diam. (Ref.)		3.350 (85.09)	3.346 (84.99)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.023 (0.58)	0.040 (1.02)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	11.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	208.00 (5283)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	6.00 (152)
Weight:	433 (196) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

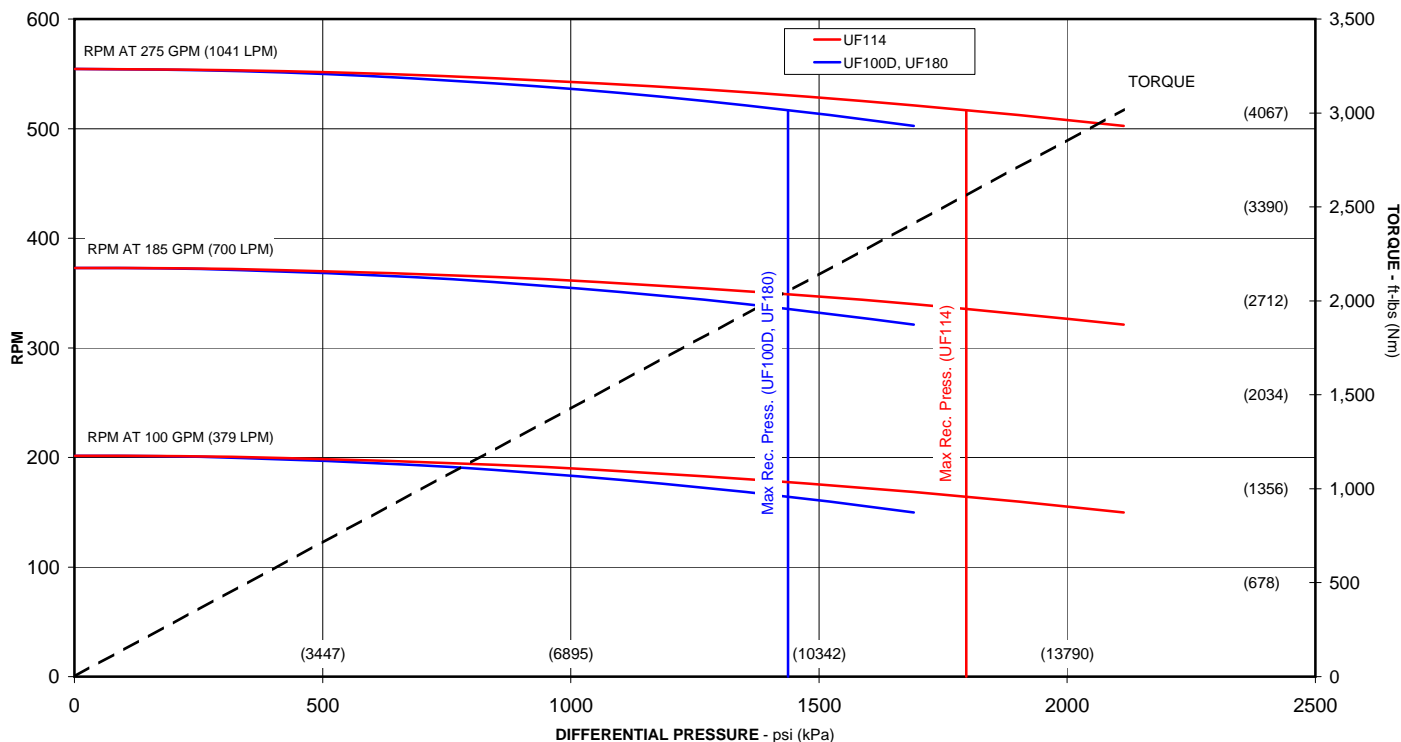
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	82 (565) psi (kPa)
Off Bottom Speed:	2.02 (0.53) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	253 (189) hp (kW)
(UF100D, UF180)	202 (151) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

475 / 500M4535 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	101.00 (2565)
Overall Length:	107.00 (2718)
Contour OD:	2.912 (73.96)
Eccentricity:	0.246 (6.25)
*Head OD:	2.750 (69.85)
Weight:	147 (67) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.406 (61.11)	2.392 (60.76)
STD Contour Maj. Diam. (Ref.)		3.374 (85.70)	3.370 (85.60)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.014 (0.36)	0.028 (0.71)
	OS	-0.015 (-0.38)	-0.001 (-0.03)
	2OS	N/A	N/A
	3OS	-0.076 (-1.93)	-0.062 (-1.57)

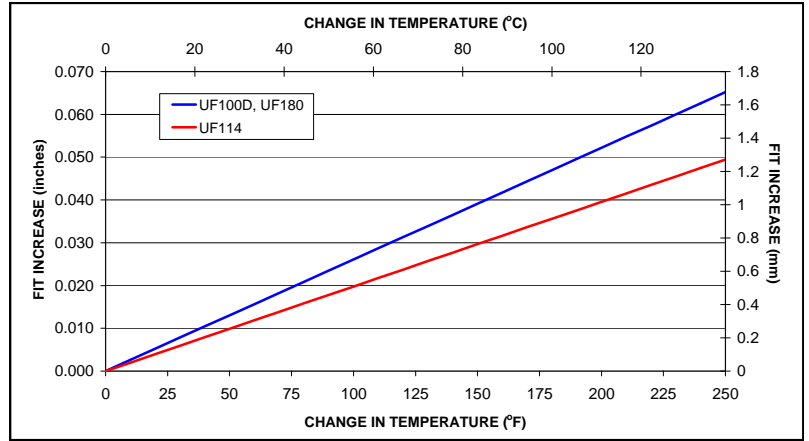
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.5
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	116.00 (2946)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	238 (108) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

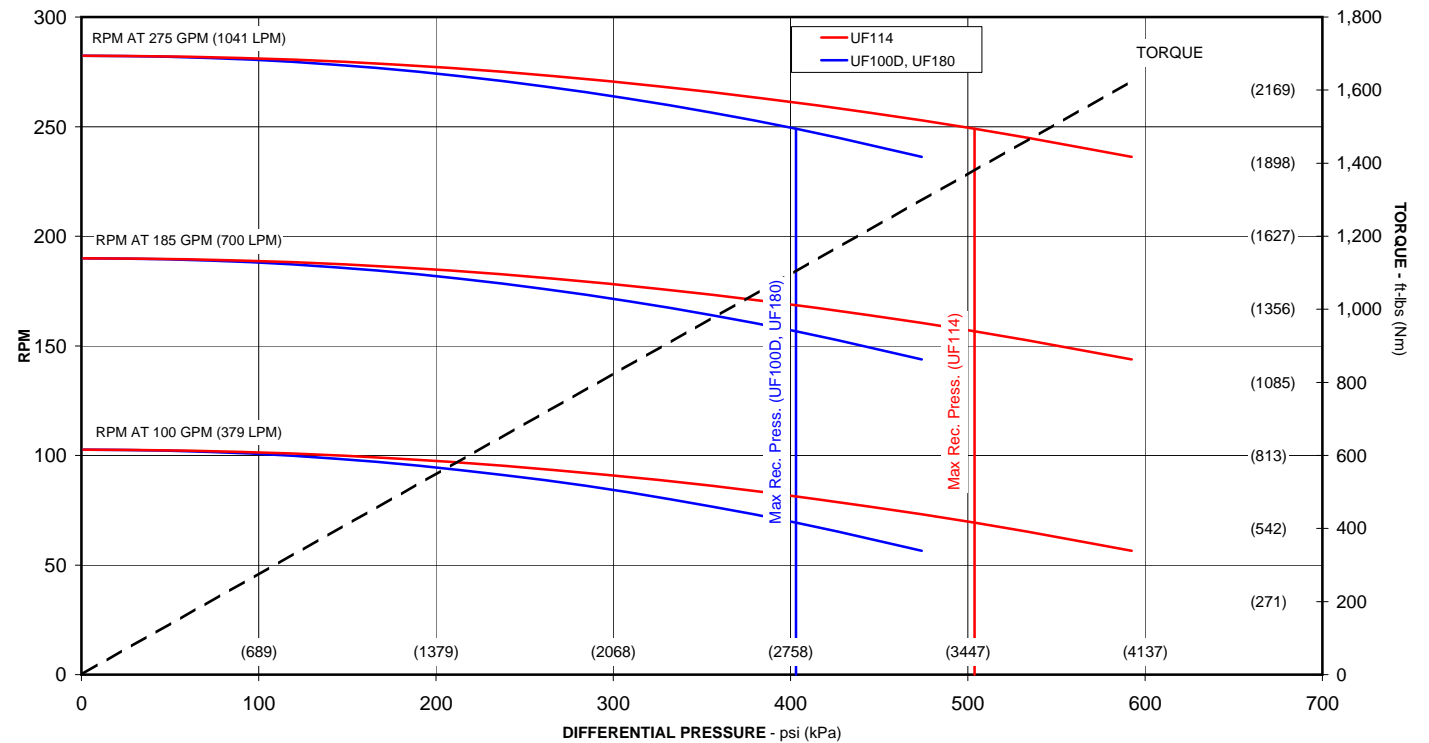
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	104 (717) psi (kPa)
Off Bottom Speed:	1.03 (0.27) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	66 (49) hp (kW)
(UF100D, UF180)	52 (39) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475 / 500M4560 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	173.00 (4394)
Overall Length:	179.00 (4547)
Contour OD:	2.912 (73.96)
Eccentricity:	0.246 (6.25)
*Head OD:	2.750 (69.85)
Weight:	245 (111) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.404 (61.06)	2.390 (60.71)
STD Contour Maj. Diam. (Ref.)		3.373 (85.67)	3.369 (85.57)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.016 (0.41)	0.030 (0.76)
	OS	-0.010 (-0.25)	0.004 (0.10)
	2OS	-0.045 (-1.14)	-0.031 (-0.79)
	3OS	N/A	N/A

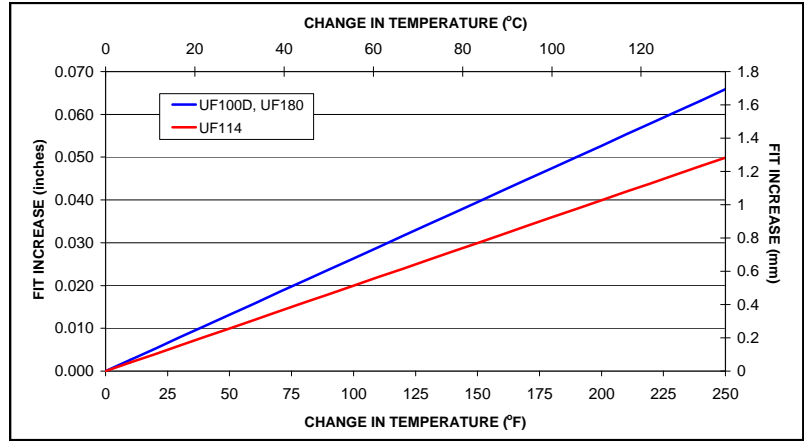
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	6.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	187.00 (4750)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	385 (175) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

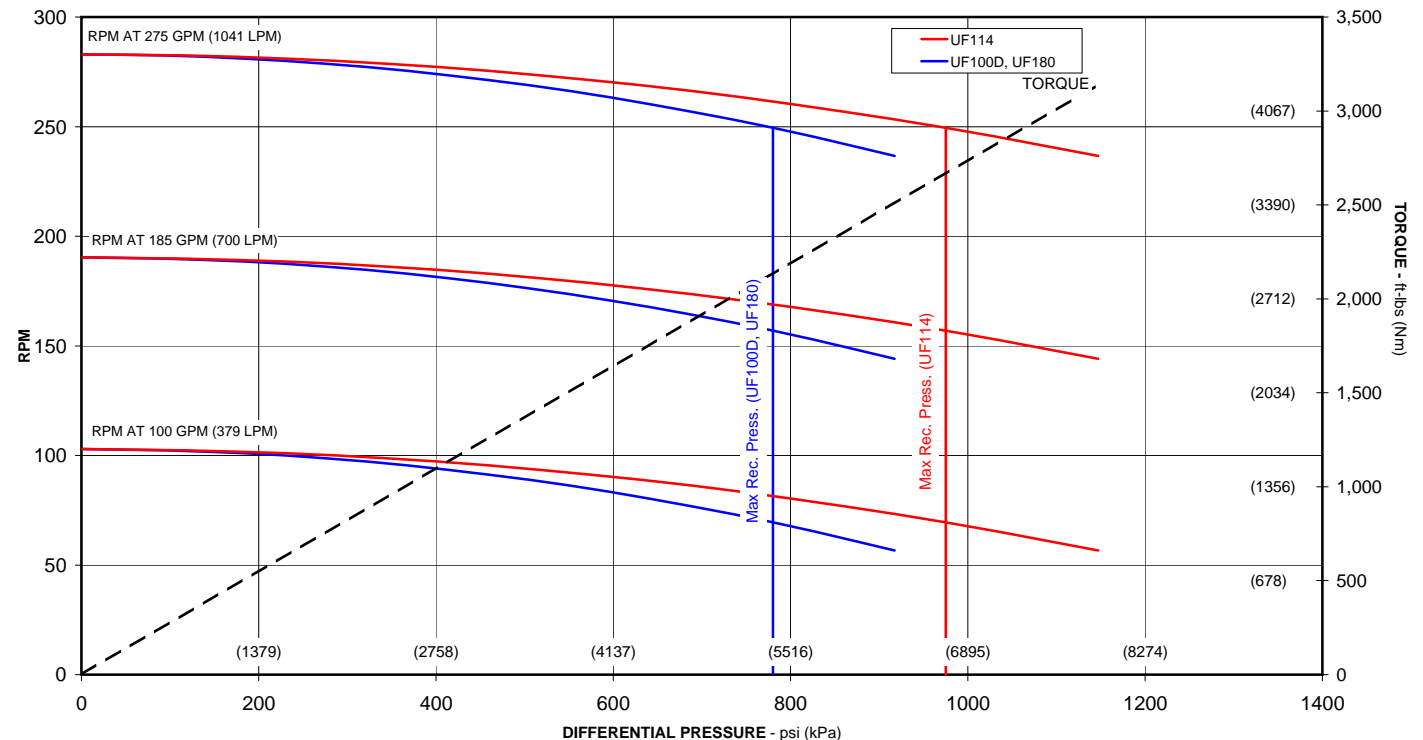
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	87 (600) psi (kPa)
Off Bottom Speed:	1.03 (0.27) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	127 (95) hp (kW)
(UF100D, UF180)	102 (76) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475M4563 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	182.00 (4623)
Overall Length:	188.00 (4775)
Contour OD:	2.912 (73.96)
Eccentricity:	0.246 (6.25)
*Head OD:	2.750 (69.85)
Weight:	258 (117) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

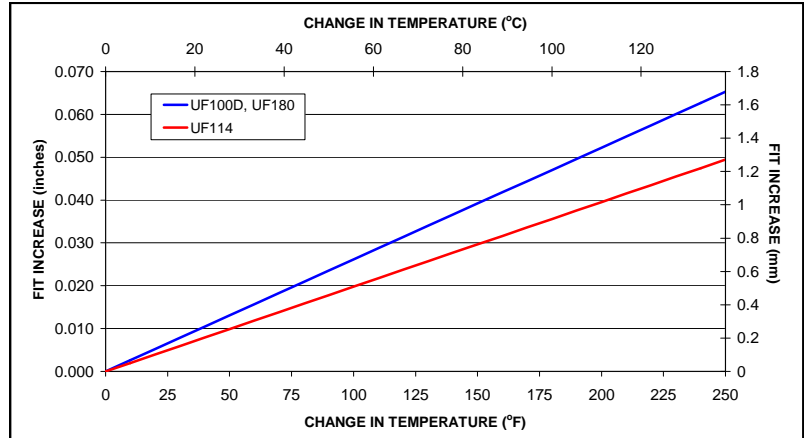
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.398 (60.91)	2.384 (60.55)
STD Contour Maj. Diam. (Ref.)		3.371 (85.62)	3.367 (85.52)
Nominal Fit on Diameter			
	US	N/A	N/A
	STD	0.022 (0.56)	0.036 (0.91)
	OS	-0.001 (-0.03)	0.005 (0.13)
	2OS	-0.040 (-1.02)	-0.026 (-0.66)
	3OS	-0.076 (-1.93)	-0.062 (-1.57)

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	6.3
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	207.62 (5274)
Rubber Cut-back:	
Side 1:	11.00 (279)
Side 2:	16.62 (422)
Weight:	425 (193) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

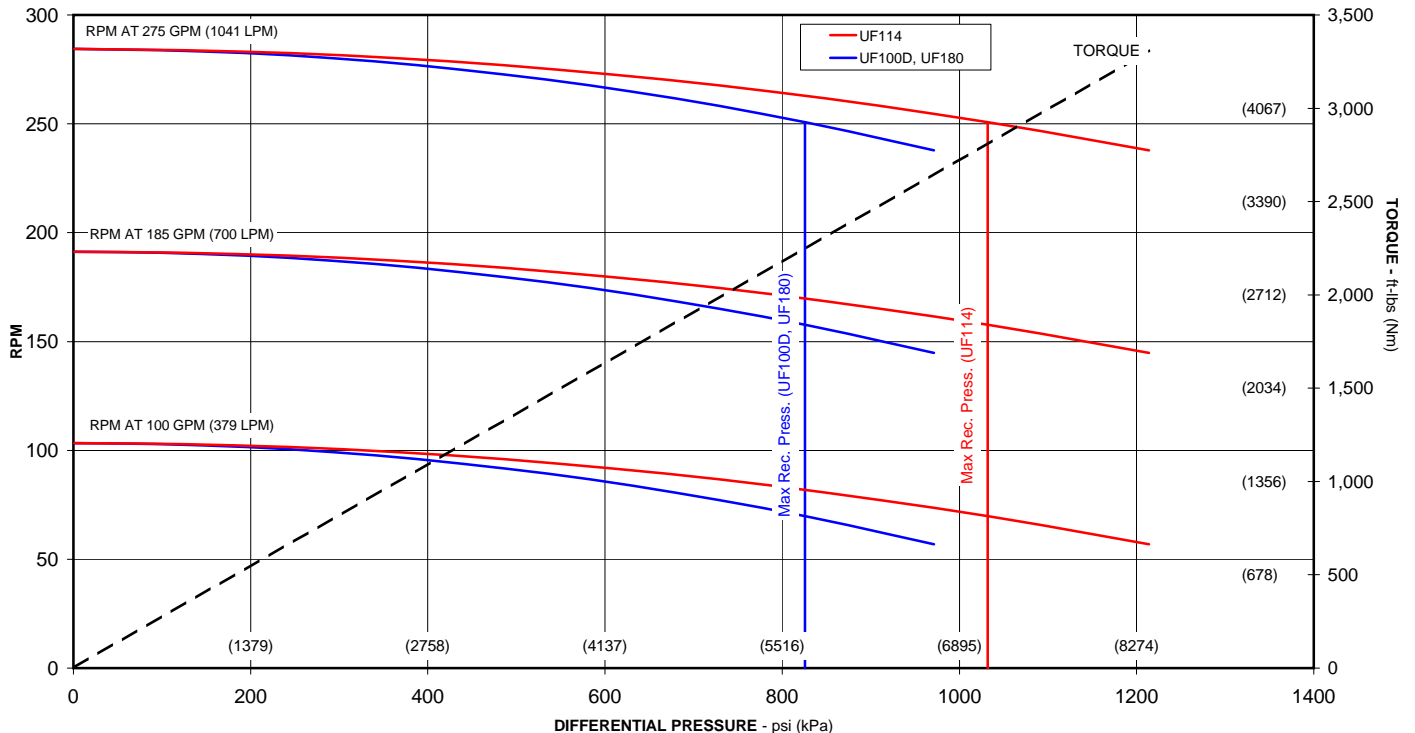
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	87 (600) psi (kPa)
Off Bottom Speed:	1.03 (0.27) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	134 (100) hp (kW)
(UF100D, UF180)	107 (80) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



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Moyno® Power Sections

475M5630 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	78.50 (1994)
Overall Length:	84.50 (2146)
Contour OD:	3.004 (76.3)
Eccentricity:	0.196 (4.98)
*Head OD:	2.750 (69.85)
Weight:	105 (48) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.599 (66.01)	2.584 (65.63)
STD Contour Maj. Diam. (Ref.)		3.382 (85.90)	3.377 (85.78)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.013 (0.33)	0.028 (0.71)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

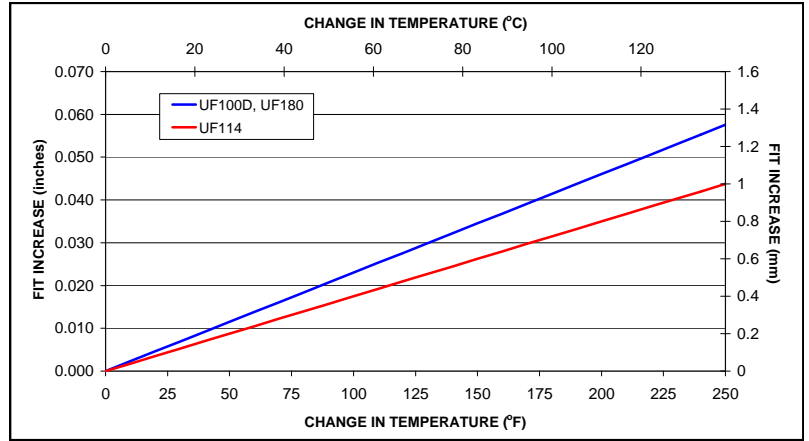
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	91.59 (2326)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	190 (86) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

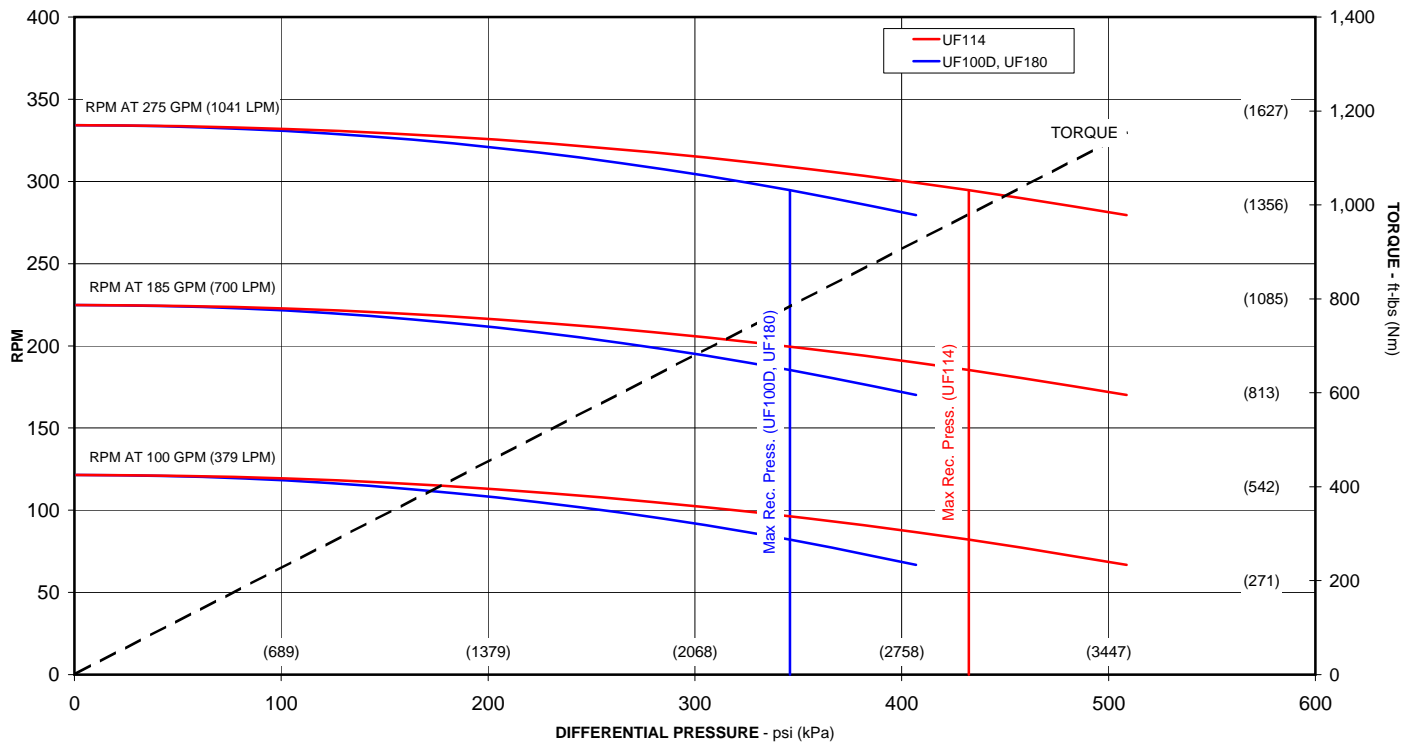
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	107 (738) psi (kPa)
Off Bottom Speed:	1.22 (0.32) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	55 (41) hp (kW)
(UF100D, UF180)	44 (33) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475M5683 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	222.150 (5643)
Overall Length:	229.40 (5827)
Contour OD:	2.916 (74.07)
Eccentricity:	0.207 (5.26)
*Head OD:	3.125 (79.38)
Weight:	323 (147) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.476 (62.89)	2.470 (62.74)
STD Contour Maj. Diam. (Ref.)		3.299 (83.79)	3.297 (83.74)
Nominal Fit on Diameter	STD	0.027 (0.69)	0.033 (0.84)
	OS	-0.006 (-0.15)	0.007 (0.18)
	2OS	-0.041 (-1.04)	-0.027 (-0.69)
	2.5OS	-0.055 (-1.40)	-0.041 (-1.04)
	3OS	-0.077 (-1.96)	-0.063 (-1.60)

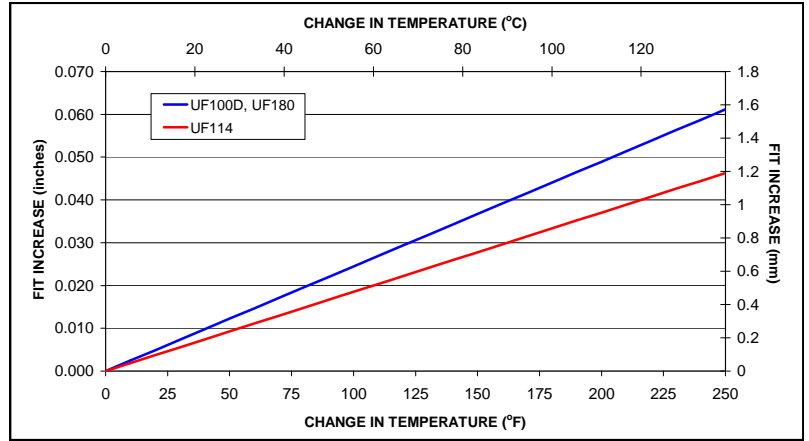
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	8.3
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	242.59 (6162)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	11.00 (279)
Weight:	501 (227) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

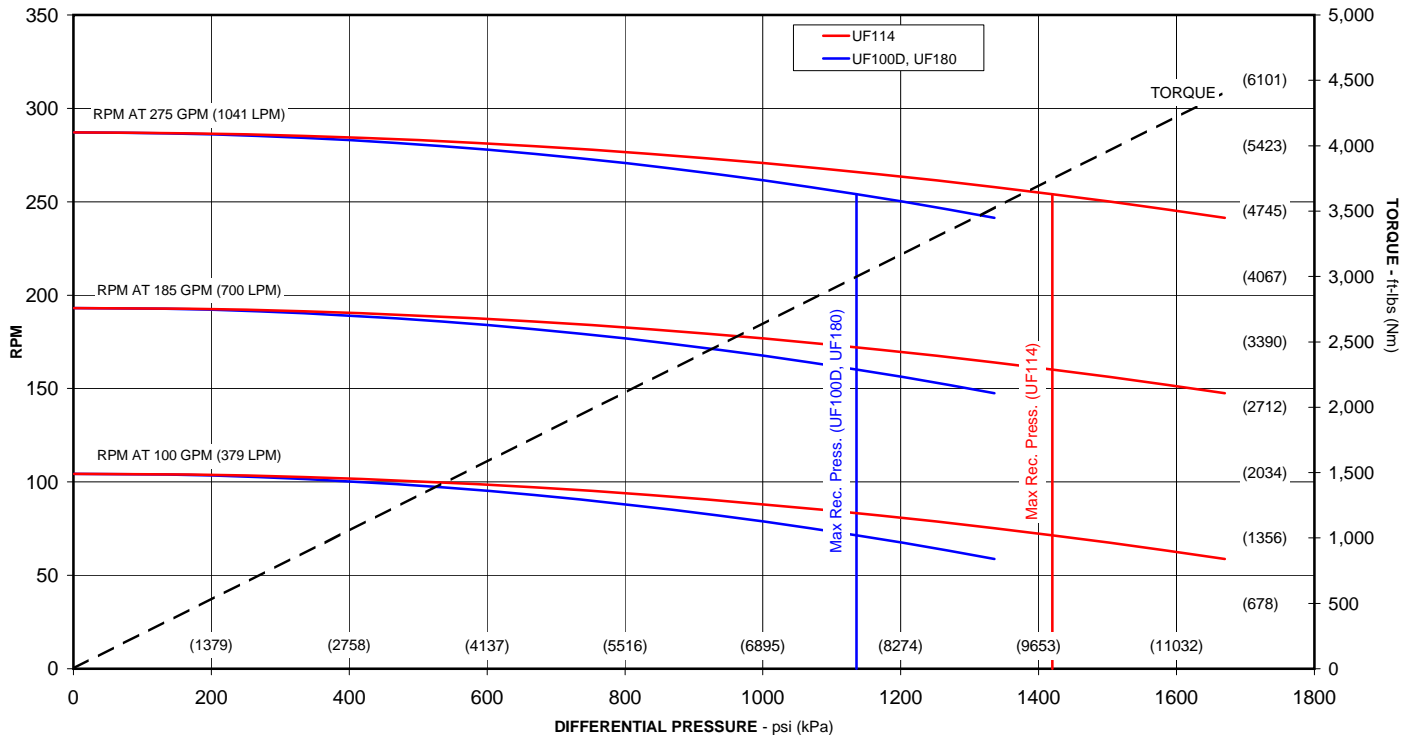
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	101 (696)	psi (kPa)
Off Bottom Speed:	1.04 (0.27)	rev/gal (rev/l)
Power at Max. Rec.Press.		hp (kW)
(UF114)	181 (135)	
(UF100D, UF180)	145 (108)	

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



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Moyno® Power Sections

475 / 500M7820 AD SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	143.00 (3632)
Overall Length:	149.00 (3785)
Contour OD:	3.024 (76.81)
Eccentricity:	0.168 (4.27)
*Head OD:	2.750 (69.85)
Weight:	242 (110) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.678 (68.02)	2.667 (67.74)
STD Contour Maj. Diam. (Ref.)		3.342 (84.89)	3.337 (84.76)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.021 (0.53)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	158.00 (4013)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	323 (147) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

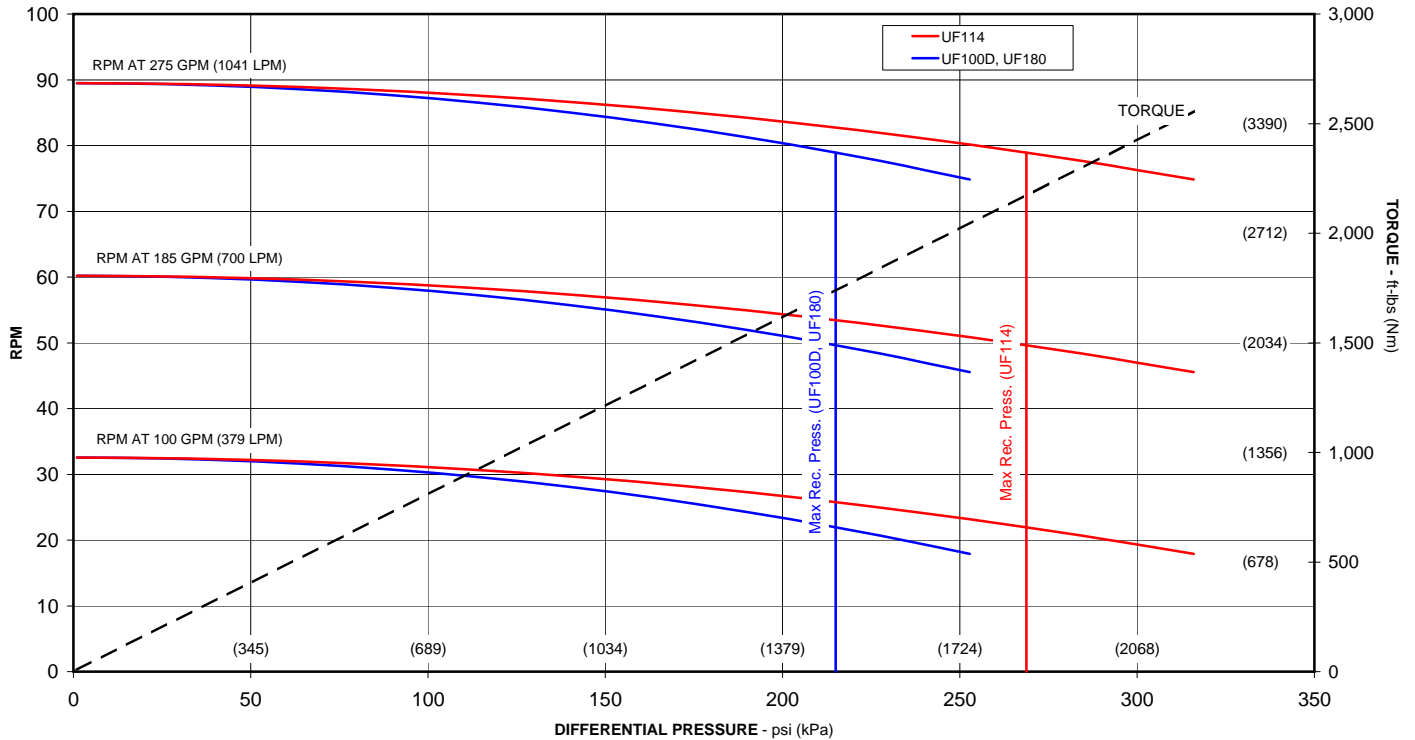
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	113 (779) psi (kPa)
Off Bottom Speed:	0.33 (0.09) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	33 (25) hp (kW)
(UF100D, UF180)	26 (19) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475M7820 SR SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	46.50 (1181)
Overall Length:	51.50 (1308)
Contour OD:	3.067 (77.90)
Eccentricity:	0.169 (4.29)
*Head OD:	2.750 (69.85)
Weight:	85 (39) lbs (kg)
*Thread Form:	2 3/8" Hughes Ext. Flush
Material:	17-4 SS Bar

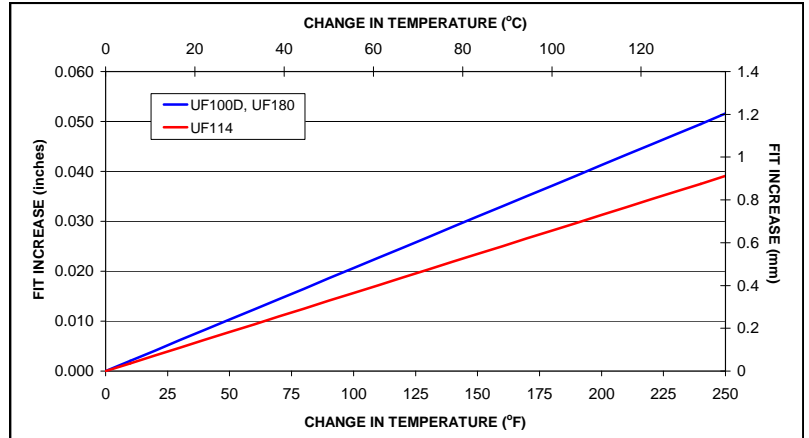
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.703 (68.66)	2.692 (68.38)
STD Contour Maj. Diam. (Ref.)		3.376 (85.75)	3.372 (85.65)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.026 (0.66)	0.037 (0.94)
	OS	-0.005 (-0.13)	0.006 (0.15)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	64.50 (1638)
Rubber Cut-back:	
Side 1:	13.00 (330)
Side 2:	5.00 (127)
Weight:	129 (59) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

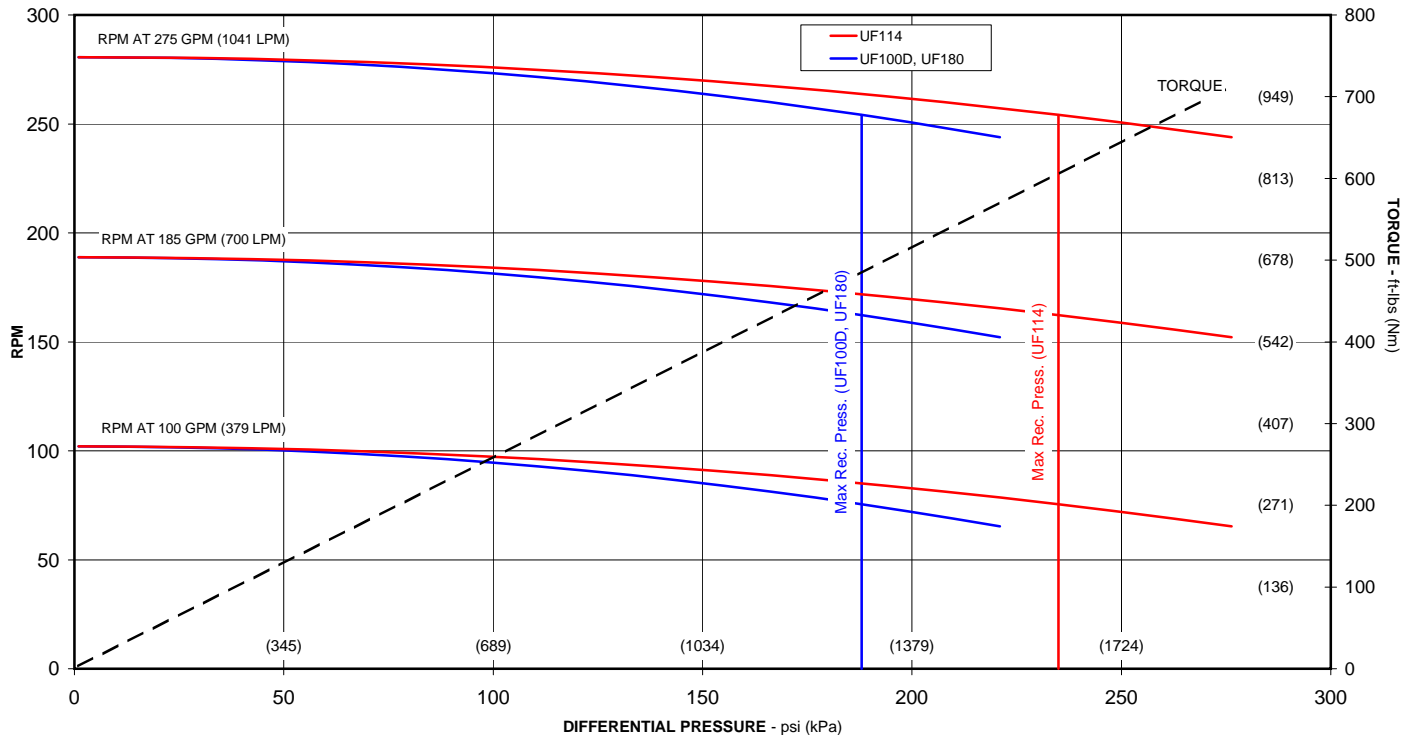
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	140 (965) psi (kPa)
Off Bottom Speed:	1.02 (0.27) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	29 (22) hp (kW)
(UF100D, UF180)	23 (17) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

475 / 500M7822 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	101.00 (2565)
Overall Length:	107.00 (2718)
Contour OD:	2.936 (74.57)
Eccentricity:	0.168 (4.27)
*Head OD:	2.750 (69.85)
Weight:	172 (78) lbs (kg)
*Thread Form:	2 3/8" Hughes Ext. Flush
Material:	17-4 SS Bar

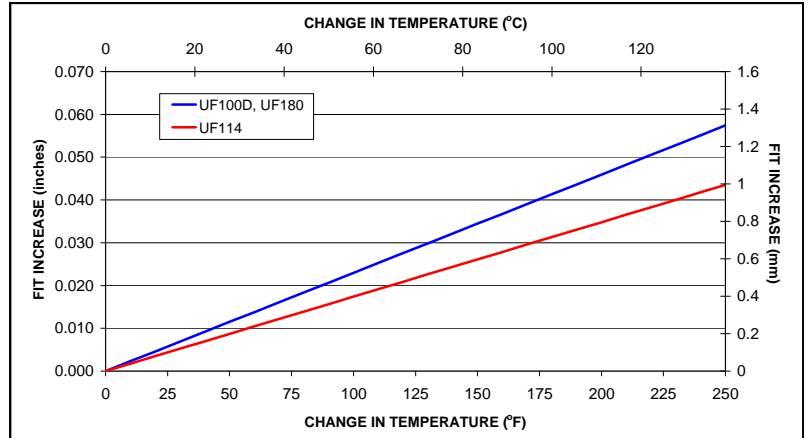
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.580 (65.53)	2.568 (65.23)
STD Contour Maj. Diam. (Ref.)		3.238 (82.25)	3.233 (82.12)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.021 (0.53)	0.033 (0.84)
	OS	-0.003 (-0.08)	0.009 (0.23)
	2OS	-0.020 (-0.51)	-0.008 (-0.20)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.2
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	116.00 (2946)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	237 (108) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

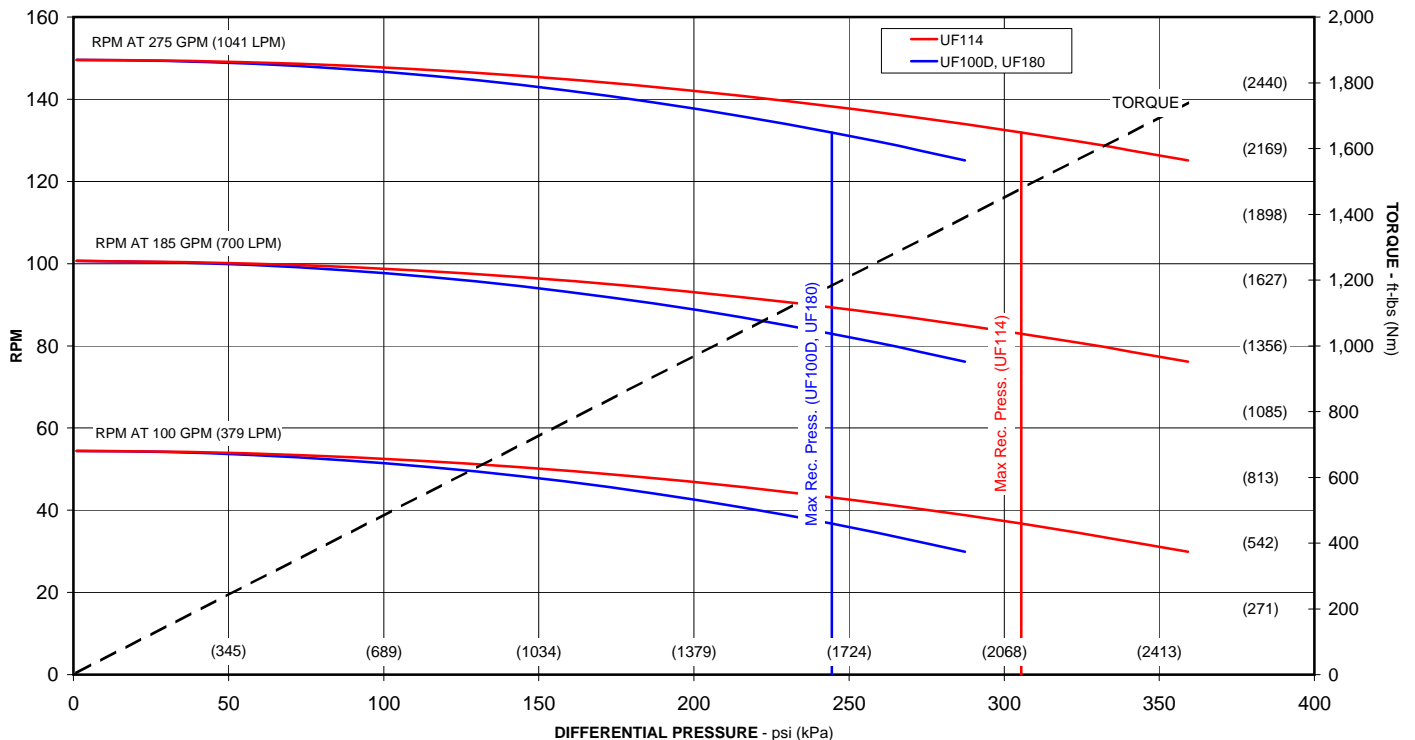
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	120 (827) psi (kPa)
Off Bottom Speed:	0.54 (0.14) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	37 (28) hp (kW)
(UF100D, UF180)	30 (22) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475 / 500M7830 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	107.00 (2718)
Overall Length:	113.00 (2870)
Contour OD:	3.016 (76.61)
Eccentricity:	0.172 (4.37)
*Head OD:	2.750 (69.85)
Weight:	192 (87) lbs (kg)
*Thread Form:	1 7/8"-4 Stub Acme
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.680 (68.07)	2.667 (67.74)
STD Contour Maj. Diam. (Ref.)		3.321 (84.35)	3.315 (84.20)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.008 (-0.20)	0.005 (0.13)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

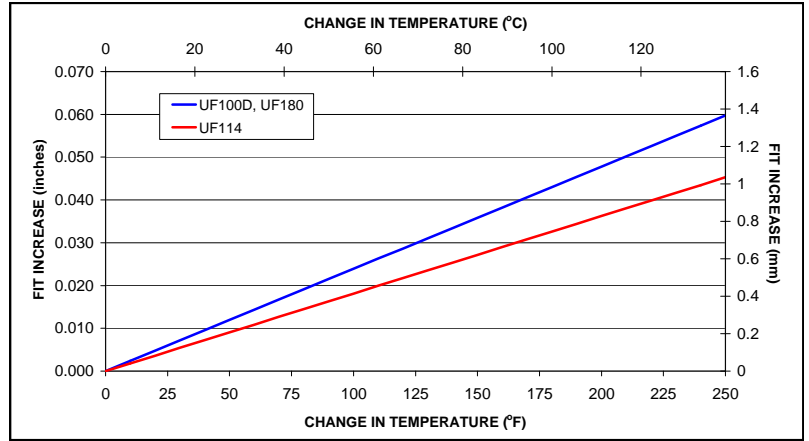
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.875 (98.43)
Overall Length:	122.62 (3115)
Rubber Cut-back:	
Side 1:	8.50 (216)
Side 2:	8.50 (216)
Weight:	228 (103) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

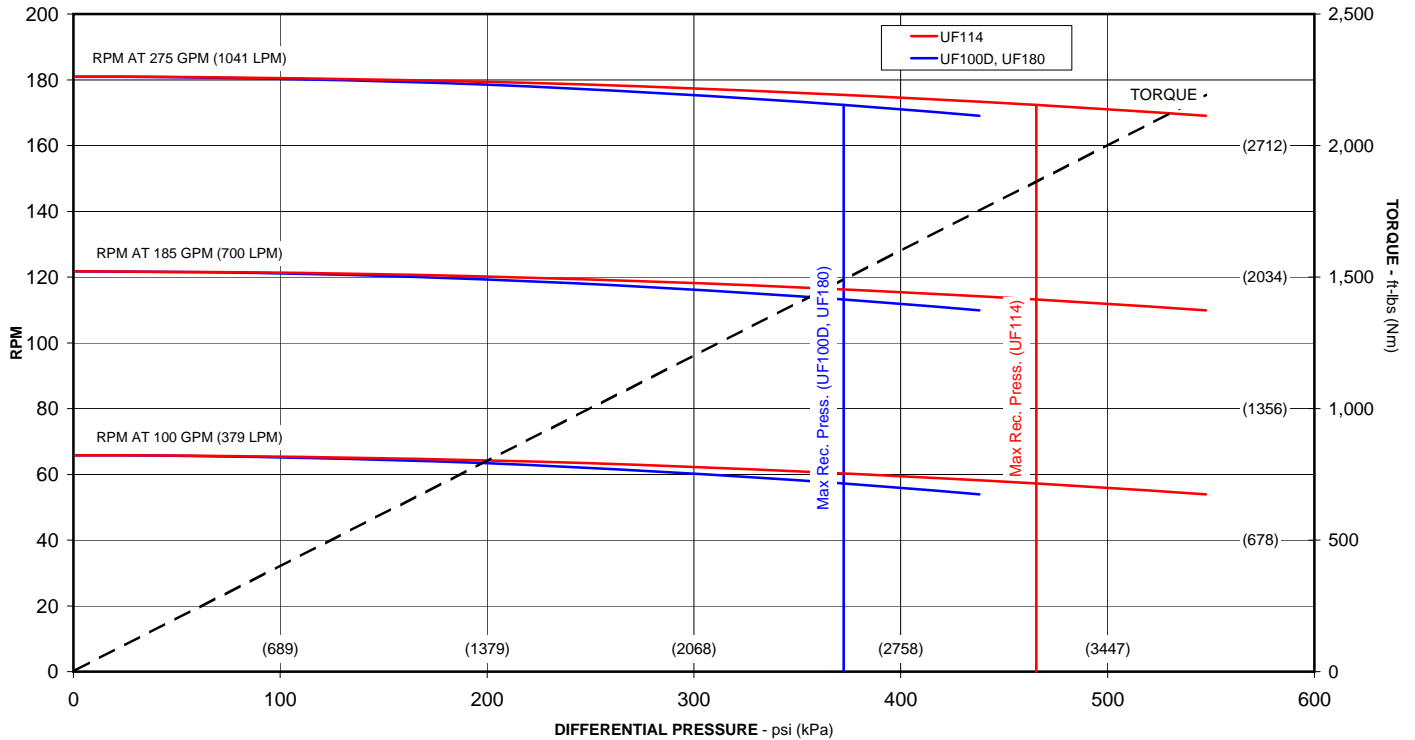
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	115 (793) psi (kPa)
Off Bottom Speed:	0.66 (0.17) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	61 (45) hp (kW)
(UF100D, UF180)	49 (37) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475 / 500M7831-HTS SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	223.00 (5664)
Overall Length:	229.00 (5817)
Contour OD:	3.024 (76.81)
Eccentricity:	0.168 (4.27)
*Head OD:	2.750 (69.85)
Weight:	371 (168) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

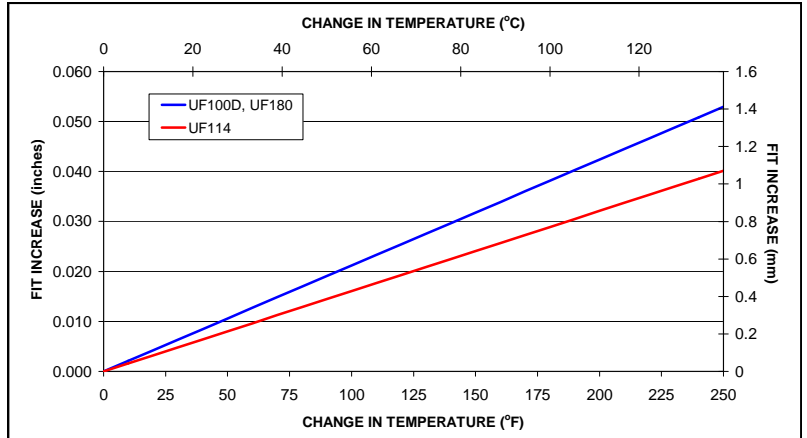
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.678 (68.02)	2.667 (67.74)
STD Contour Maj. Diam. (Ref.)		3.342 (84.89)	3.337 (84.76)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.021 (0.53)
	OS	-0.015 (-0.38)	-0.004 (-0.10)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.1
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	238.00 (6045)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	487 (221) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

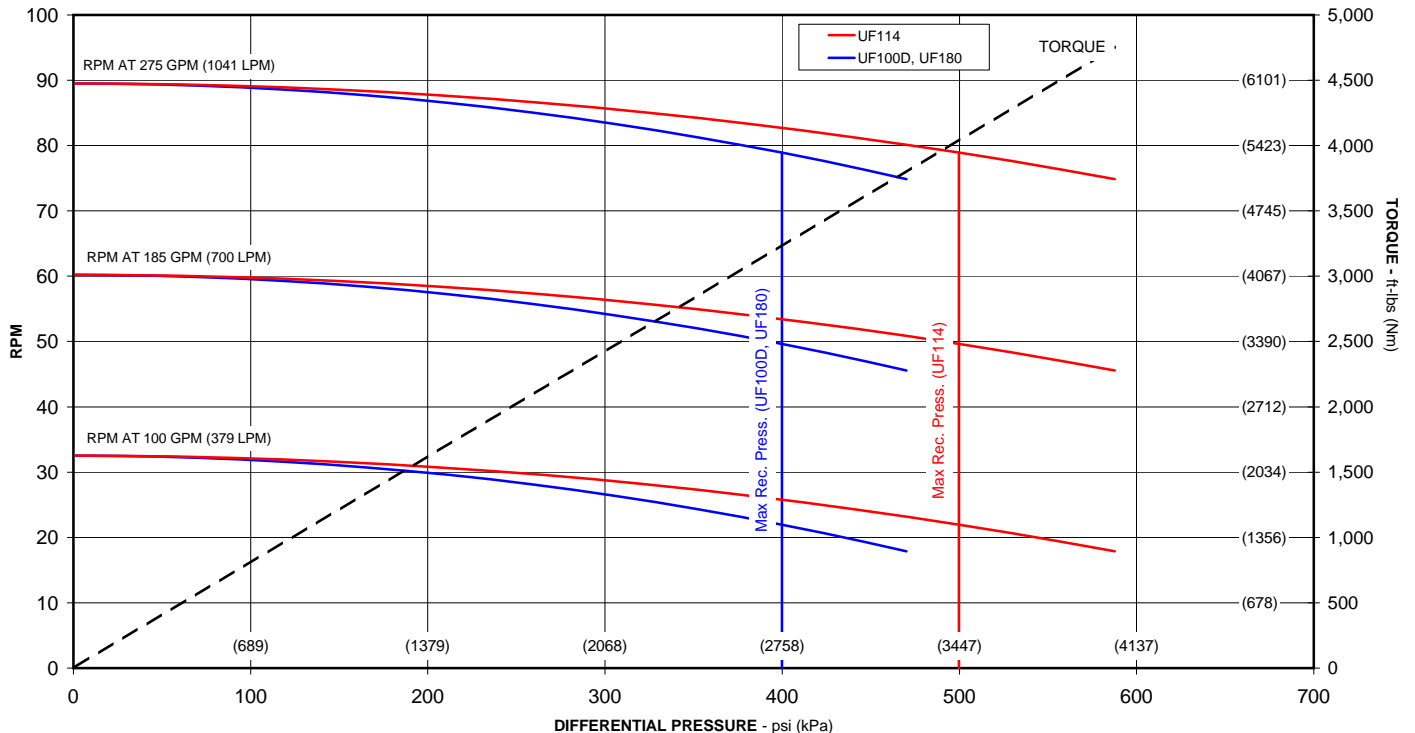
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	113 (779) psi (kPa)
Off Bottom Speed:	0.33 (0.09) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	61 (45) hp (kW)
(UF100D, UF180)	49 (37) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



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Moyno® Power Sections

475 / 500M7838 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	172.00 (4369)
Overall Length:	178.00 (4521)
Contour OD:	2.945 (74.80)
Eccentricity:	0.163 (4.14)
*Head OD:	2.750 (69.85)
Weight:	271 (123) lbs (kg)
*Thread Form:	2 3/8" Hughes Ext. Flush
Material:	17-4 SS Bar

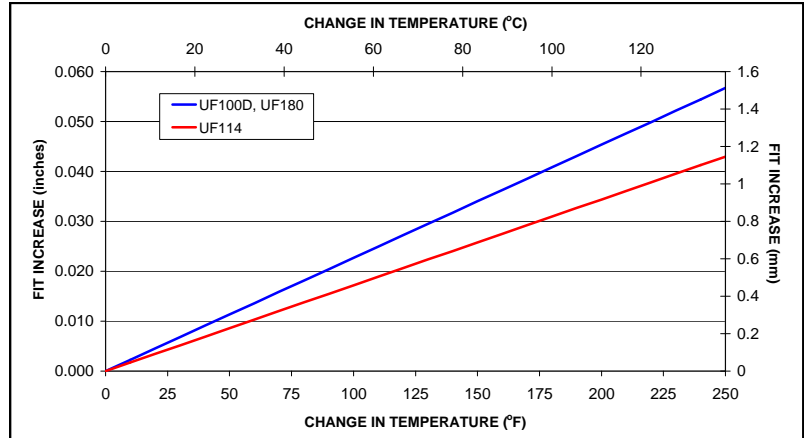
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.590 (65.79)	2.578 (65.48)
STD Contour Maj. Diam. (Ref.)		3.239 (82.27)	3.233 (82.12)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.030 (0.76)	0.042 (1.07)
	OS	0.002 (0.05)	0.014 (0.36)
	2OS	-0.020 (-0.51)	-0.008 (-0.20)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.8
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	187.00 (4750)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	385 (175) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

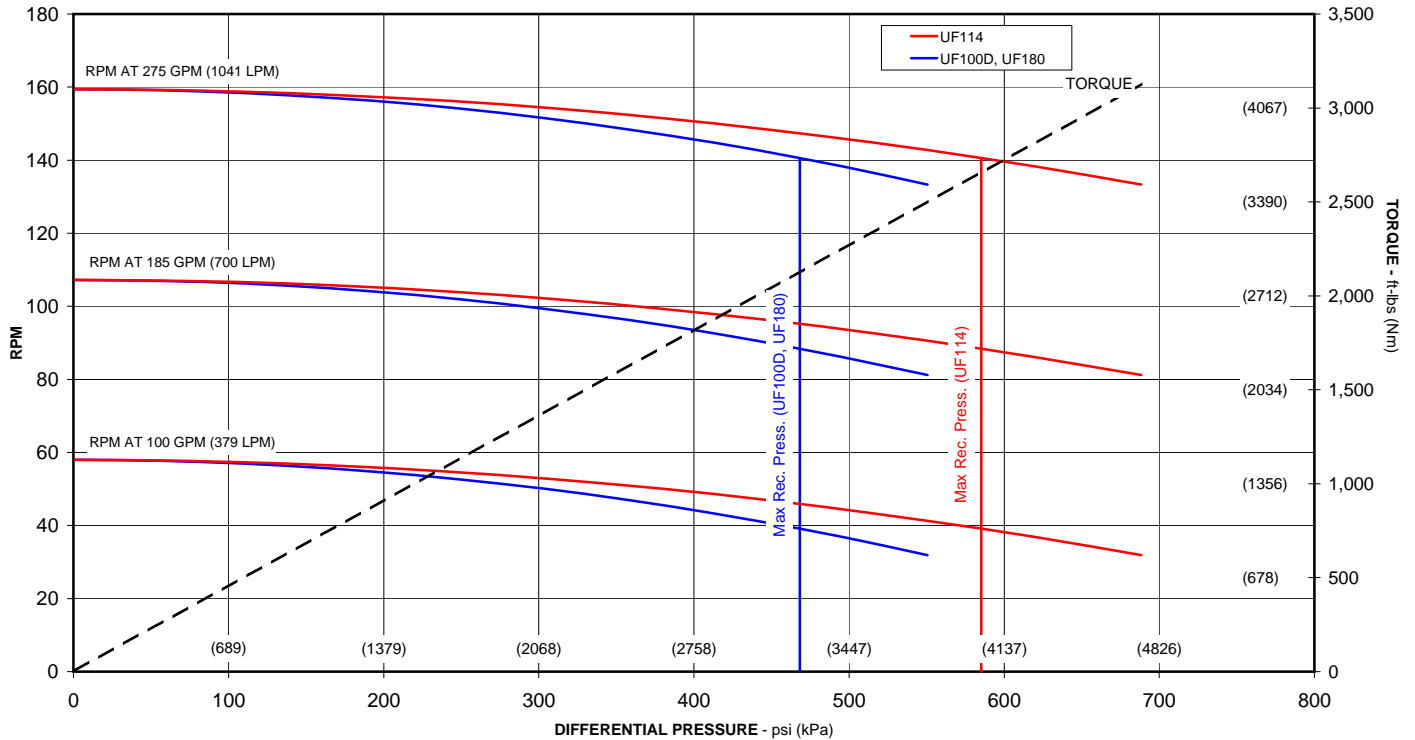
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	155 (1069) psi (kPa)
Off Bottom Speed:	0.58 (0.15) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	71 (53) hp (kW)
(UF100D, UF180)	57 (43) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475M7850 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	180.00 (4572)
Overall Length:	186.00 (4724)
Contour OD:	3.041 (77.24)
Eccentricity:	0.171 (4.34)
*Head OD:	2.750 (69.85)
Weight:	312 (142) lbs (kg)
*Thread Form:	2 3/8" Hughes Ext. Flush
Material:	17-4 SS Bar

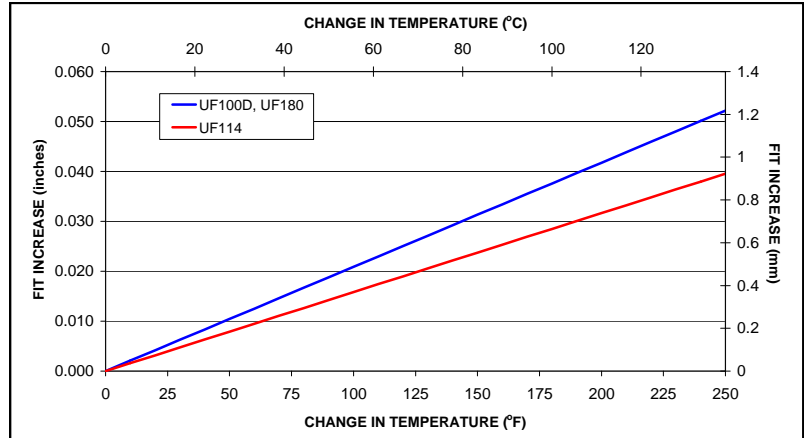
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114
STD Contour Min. Diam.	2.689 (68.30)	2.678 (68.02)
STD Contour Maj. Diam. (Ref.)	3.364 (85.45)	3.360 (85.34)
Nominal Fit on Diameter		
US	N/A	N/A
STD	0.010 (0.25)	0.021 (0.53)
OS	-0.024 (-0.61)	-0.013 (-0.33)
2OS	N/A	N/A
3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	4.750 (120.65)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	194.00 (4928)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	395 (179) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

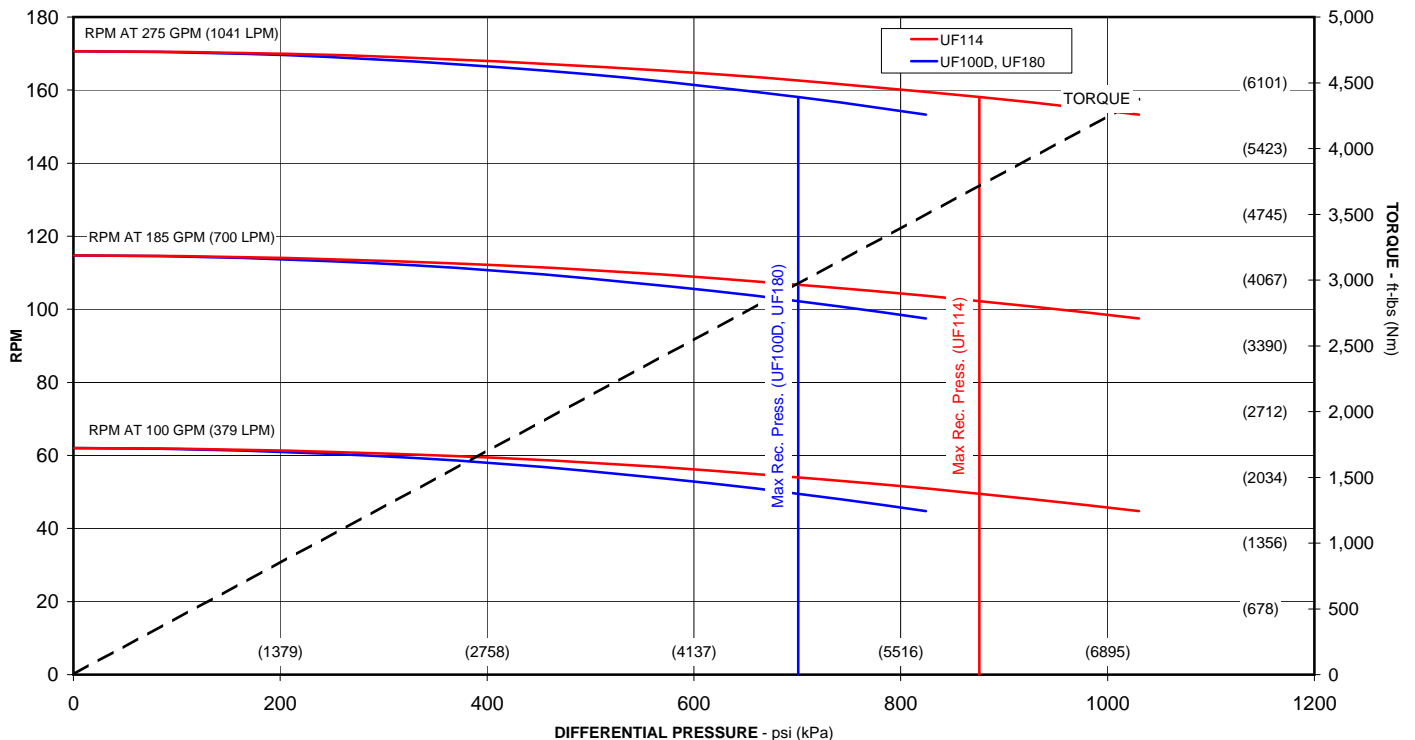
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	110 (758) psi (kPa)
Off Bottom Speed:	0.62 (0.16) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	112 (84) hp (kW)
(UF100D, UF180)	90 (67) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

475M91040 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	145.13 (3686)
Overall Length:	151.13 (3839)
Contour OD:	2.945 (74.8)
Eccentricity:	0.137 (3.48)
*Head OD:	2.900 (73.66)
Weight:	236 (107) lbs (kg)
*Thread Form:	2 3/8" Hughes Ext. Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.689 (68.3)	2.677 (68.00)
STD Contour Maj. Diam. (Ref.)		3.237 (82.22)	3.231 (82.07)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.018 (-0.46)	-0.006 (-0.15)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

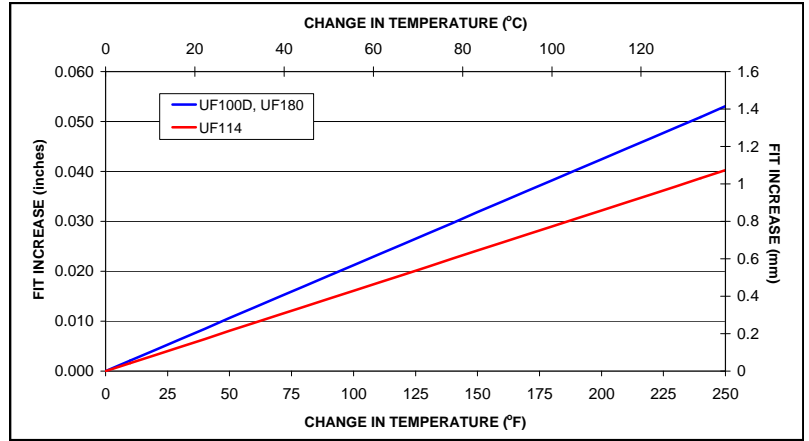
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	4.75 (120.650)
Nominal Tube ID:	3.75 (95.25)
Overall Length:	159.00 (4039)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	327 (148) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

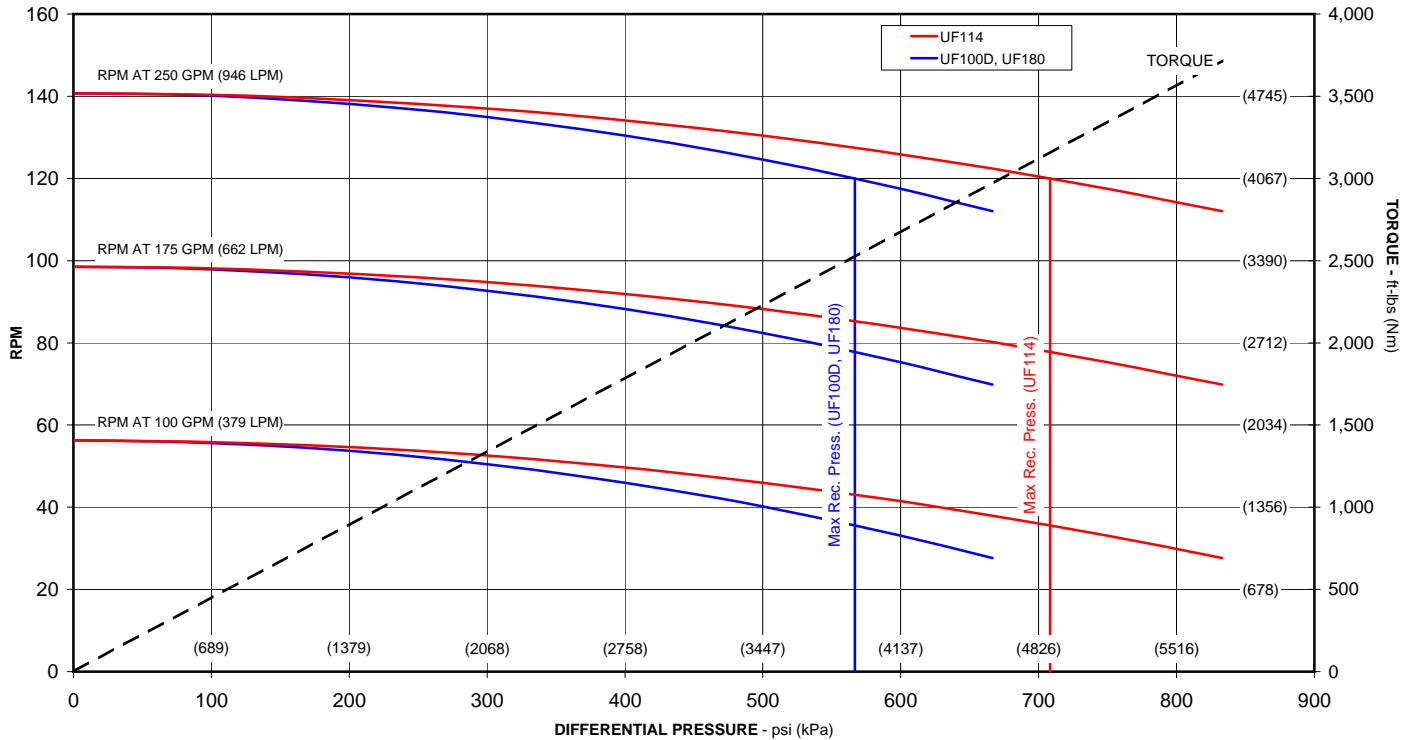
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	148 (1020) psi (kPa)
Off Bottom Speed:	0.56 (0.15) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	72 (54) hp (kW)
(UF100D, UF180)	58 (43) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

475 / 500M34140 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	223.00 (5664)
Overall Length:	229.00 (5817)
Contour OD:	2.815 (71.50)
Eccentricity:	0.279 (7.09)
*Head OD:	2.750 (69.85)
Weight:	266 (121) lbs (kg)
*Thread Form:	2 3/8" Hughes External Flush
Material:	17-4 SS Bar

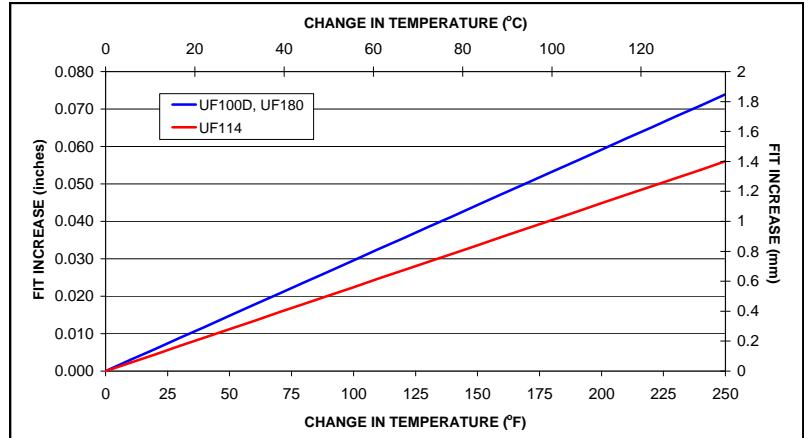
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.233 (56.72)	2.217 (56.31)
STD Contour Maj. Diam. (Ref.)		3.352 (85.14)	3.348 (85.04)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.023 (0.58)	0.040 (1.02)
	OS	N/A	N/A
	2OS	-0.054 (-1.37)	-0.037 (-0.94)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	14.0
Nominal Tube OD:	5.000 (127.00)
Nominal Tube ID:	3.750 (95.25)
Overall Length:	238.00 (6045)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	624 (283) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

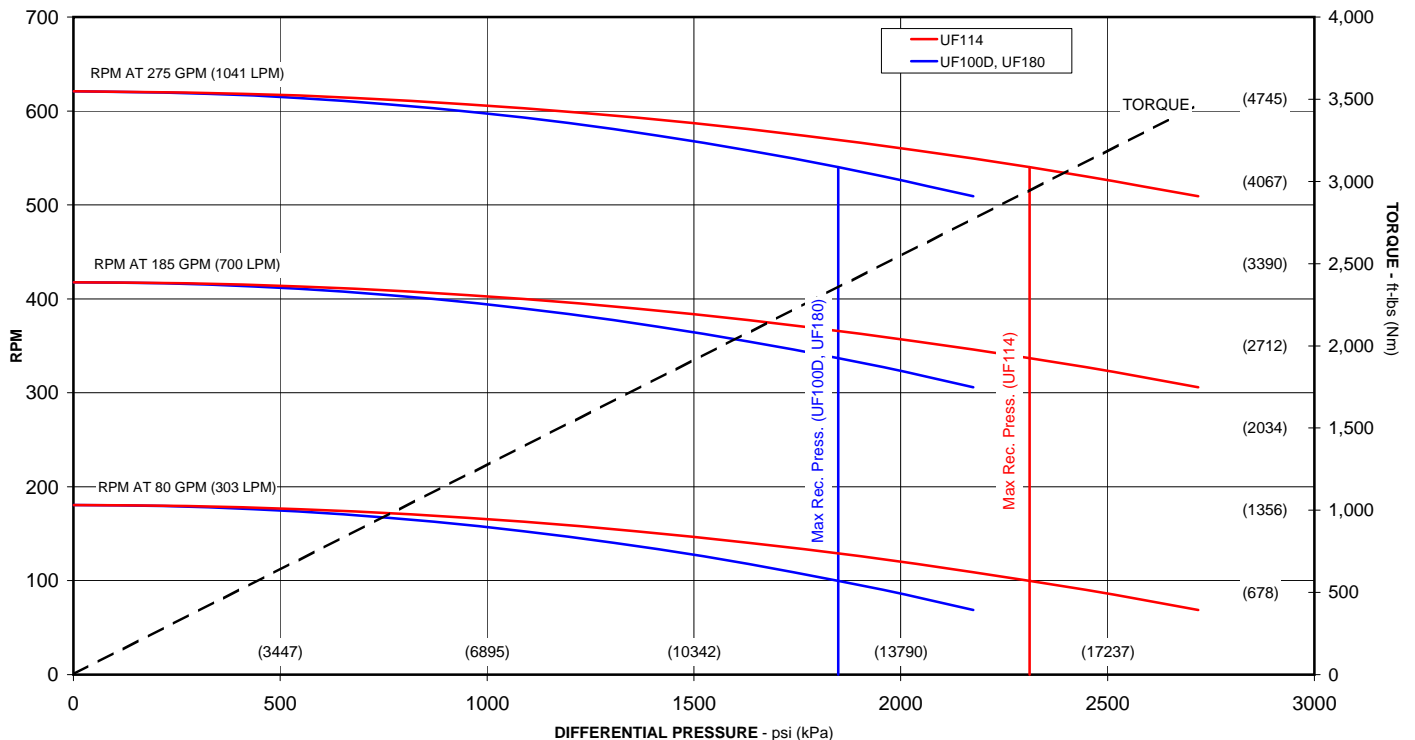
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	85 (586) psi (kPa)
Off Bottom Speed:	2.26 (0.6) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	303 (226) hp (kW)
(UF100D, UF180)	243 (181) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

500M6780 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	226.75 (5759)
Overall Length:	233.50 (5931)
Contour OD:	3.018 (76.66)
Eccentricity:	0.192 (4.88)
*Head OD:	2.900 (73.66)
Weight:	365 (166) lbs (kg)
*Thread Form:	2 3/8" Hughes Ext. Flush
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.636 (66.95)	2.621 (66.57)
STD Contour Maj. Diam. (Ref.)		3.400 (86.36)	3.393 (86.18)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.001 (-0.03)	0.014 (0.36)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

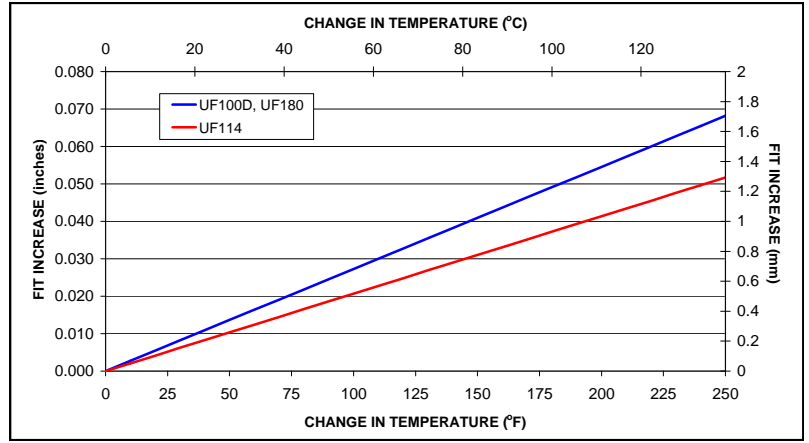
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	8.0
Nominal Tube OD:	5.000 (127.00)
Nominal Tube ID:	4.000 (101.60)
Overall Length:	246.00 (6248)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	546 (248) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

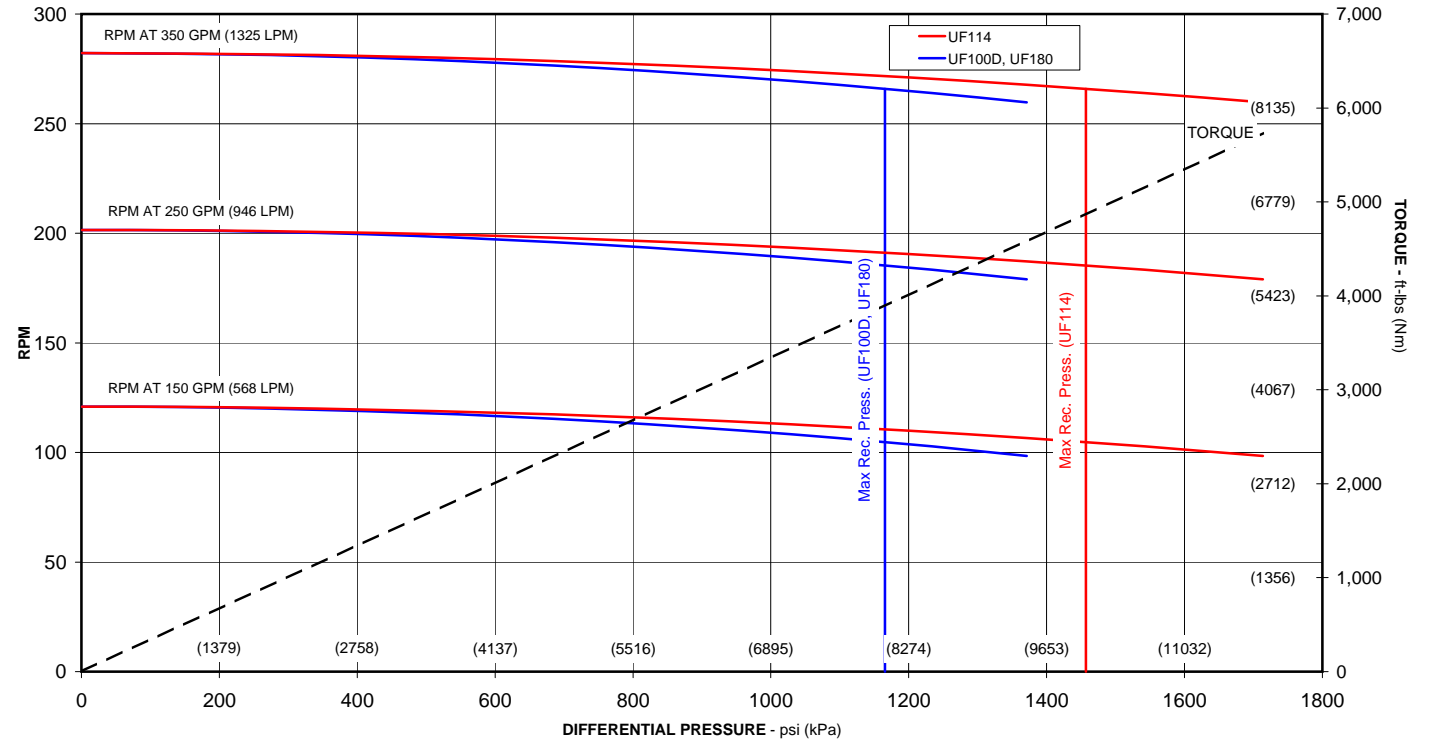
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	133 (917) psi (kPa)
Off Bottom Speed:	0.81 (0.21) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	247 (184) hp (kW)
(UF100D, UF180)	197 (147) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

625M1240 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	145.00 (3683)
Overall Length:	151.00 (3835)
Contour OD:	3.420 (86.87)
Eccentricity:	0.563 (14.30)
*Head OD:	3.187 (80.95)
Weight:	177 (80) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.250 (57.15)	2.216 (56.29)
STD Contour Maj. Diam. (Ref.)		4.480 (113.79)	4.474 (113.64)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.045 (1.14)	0.079 (2.01)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

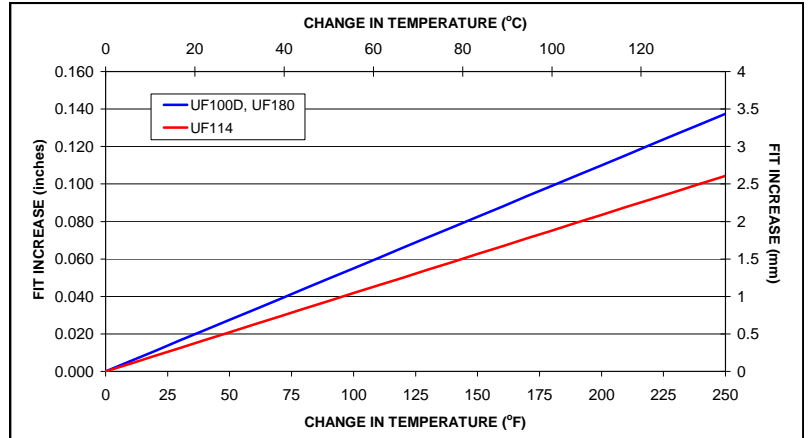
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	160.00 (4064)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	566 (257) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

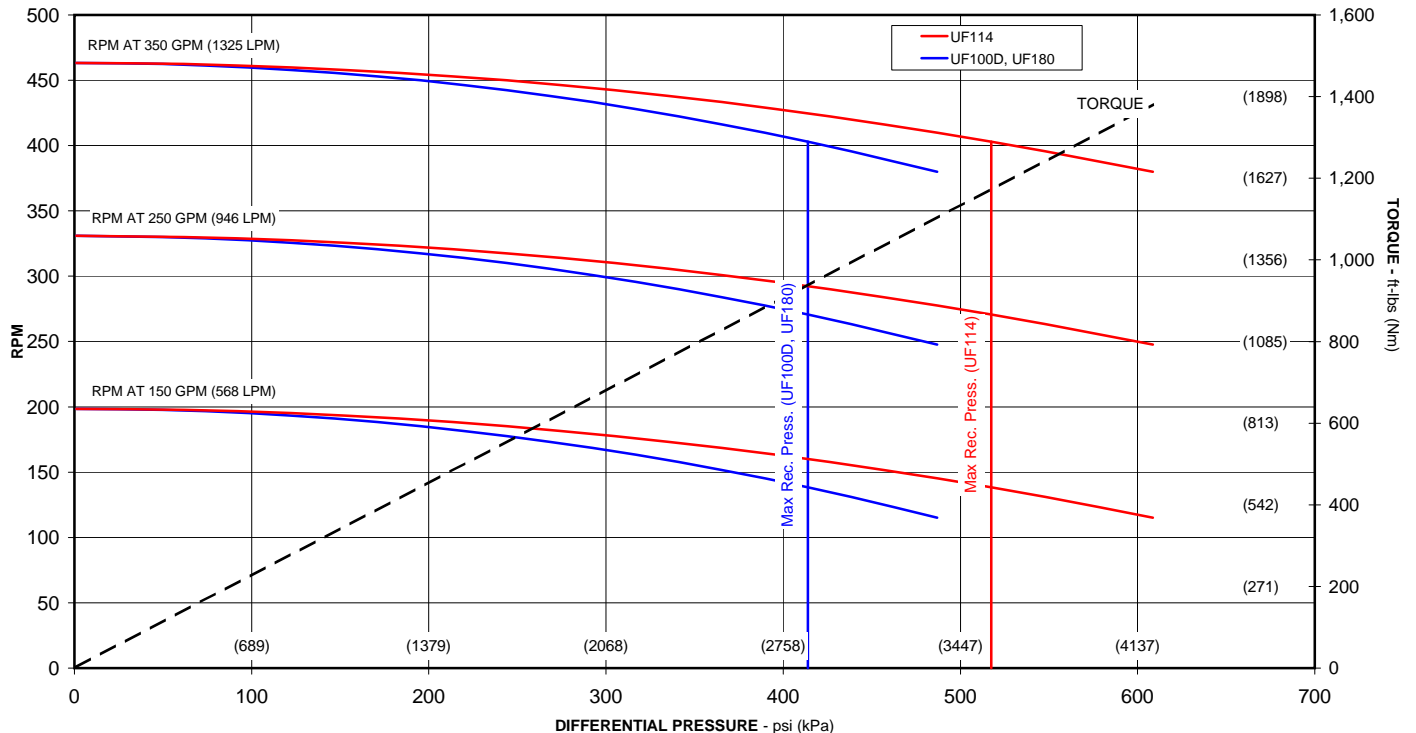
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	86 (593) psi (kPa)
Off Bottom Speed:	1.32 (0.35) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	90 (67) hp (kW)
(UF100D, UF180)	72 (54) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

625 / 650M4543 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	110.00 (2794)
Overall Length:	117.00 (2972)
Contour OD:	3.872 (98.35)
Eccentricity:	0.326 (8.28)
*Head OD:	3.500 (88.90)
Weight:	282 (128) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

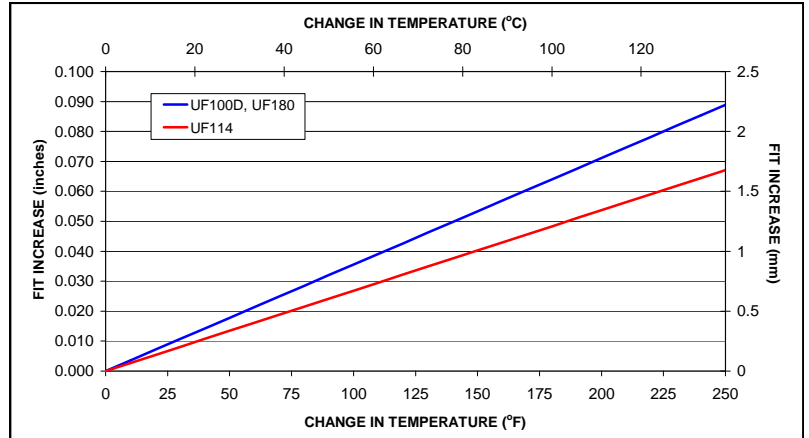
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.204 (81.38)	3.185 (80.90)
STD Contour Maj. Diam. (Ref.)		4.493 (114.12)	4.488 (114.00)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.016 (0.41)	0.035 (0.89)
	OS	-0.020 (-0.51)	-0.015 (-0.38)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.3
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	124.00 (3150)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	423 (192) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

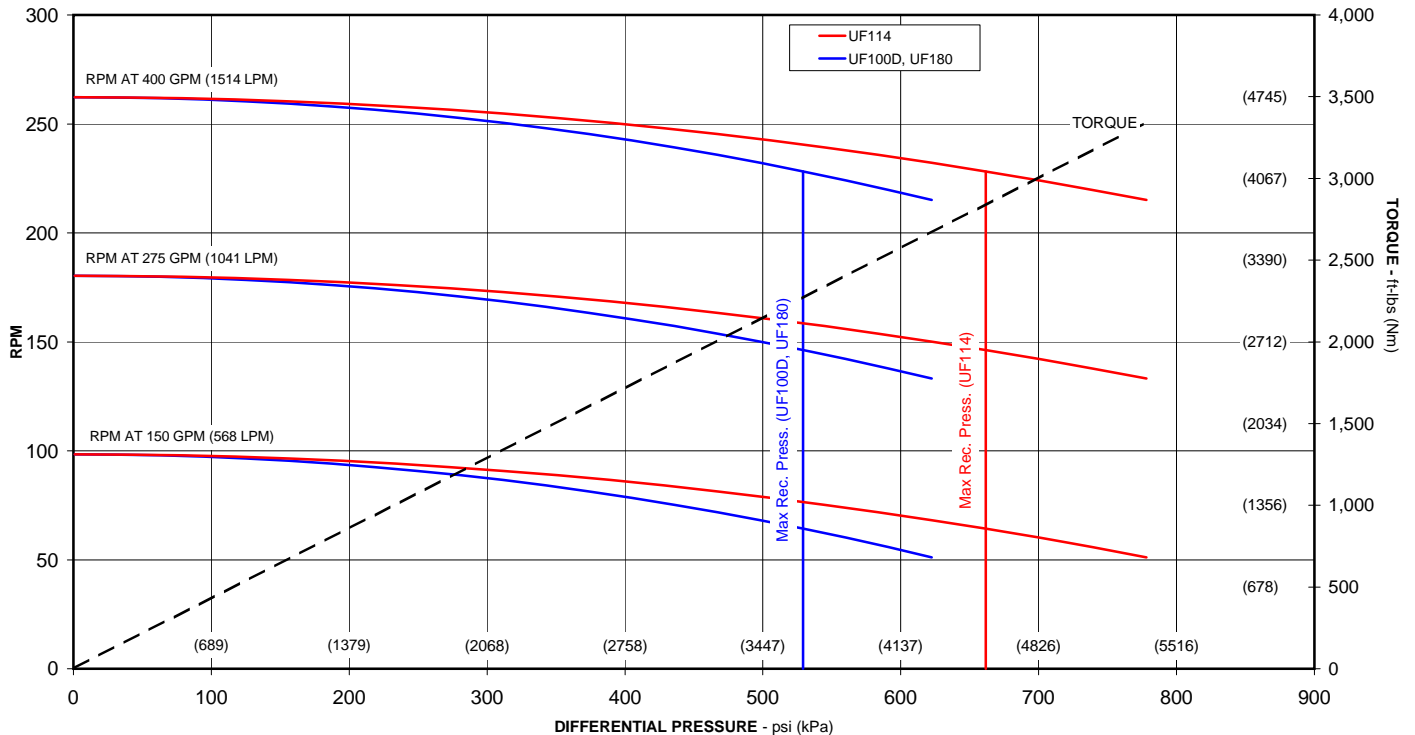
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	95 (655) psi (kPa)
Off Bottom Speed:	0.66 (0.17) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	124 (92) hp (kW)
(UF100D, UF180)	99 (74) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

625M4575 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	189.50 (4813)
Overall Length:	196.50 (4991)
Contour OD:	3.872 (98.35)
Eccentricity:	0.326 (8.28)
*Head OD:	3.500 (88.90)
Weight:	472 (214) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

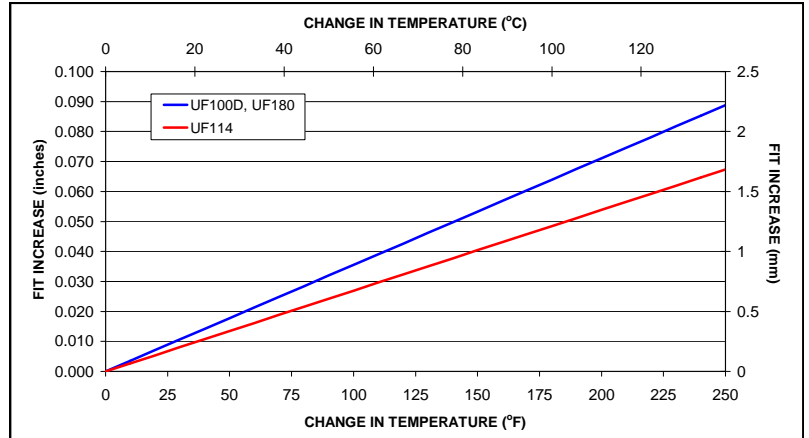
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.200 (81.28)	3.181 (80.8)
STD Contour Maj. Diam. (Ref.)		4.492 (114.1)	4.487 (113.97)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.020 (0.51)	0.039 (0.99)
	OS	-0.027 (-0.69)	-0.008 (-0.20)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	7.5
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	203.50 (5169)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	698 (317) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

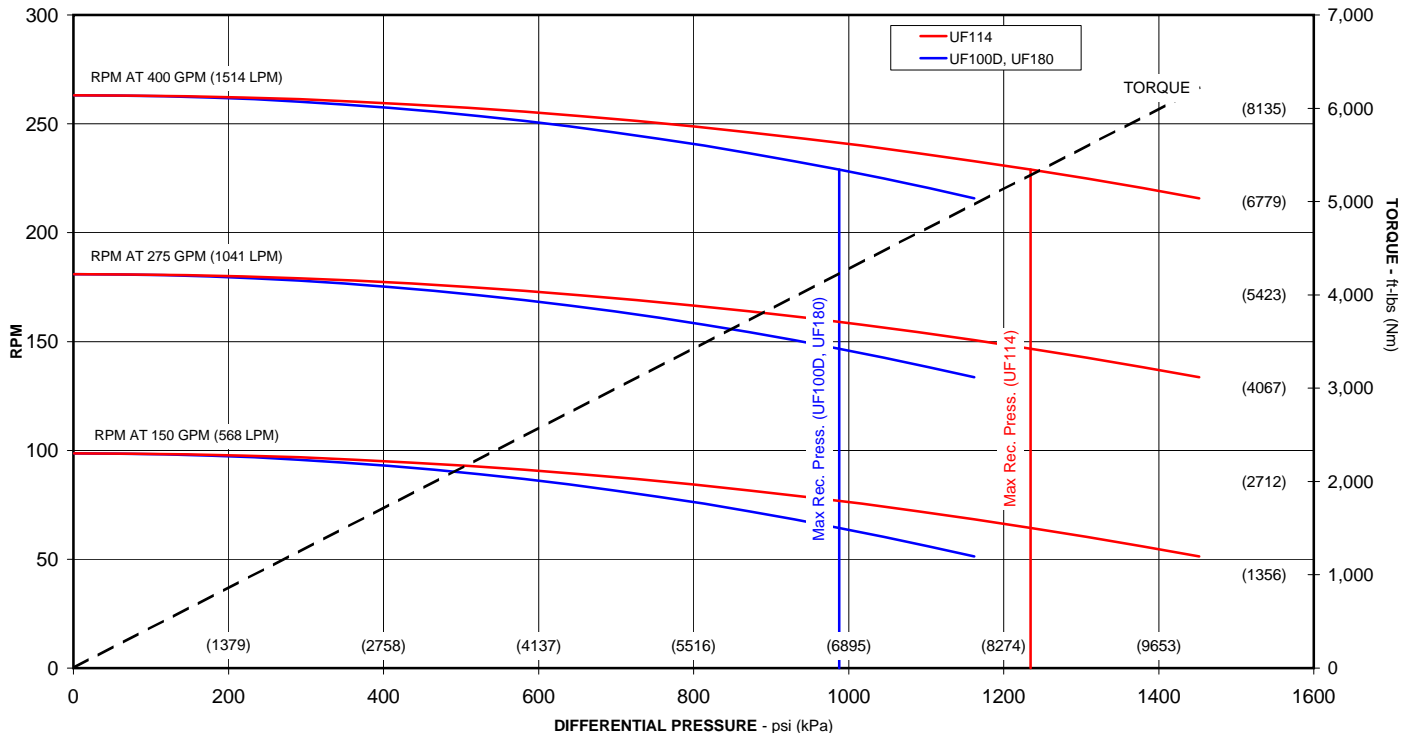
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	96 (662) psi (kPa)
Off Bottom Speed:	0.66 (0.17) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	231 (172) hp (kW)
(UF100D, UF180)	184 (137) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

625 / 650M7825 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	191.50 (4864)
Overall Length:	197.50 (5017)
Contour OD:	4.155 (105.54)
Eccentricity:	0.230 (5.84)
*Head OD:	3.500 (88.90)
Weight:	598 (271) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.680 (93.47)	3.666 (93.12)
STD Contour Maj. Diam. (Ref.)		4.600 (116.84)	4.596 (116.74)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.015 (0.38)	0.029 (0.74)
	OS	-0.015 (-0.38)	-0.001 (-0.03)
	2OS	N/A	N/A
	3OS	N/A	N/A

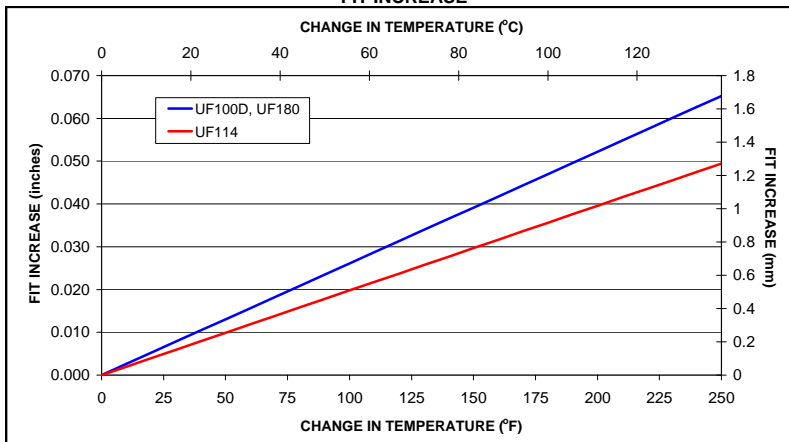
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.5
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	203.20 (5161)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	684 (310) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

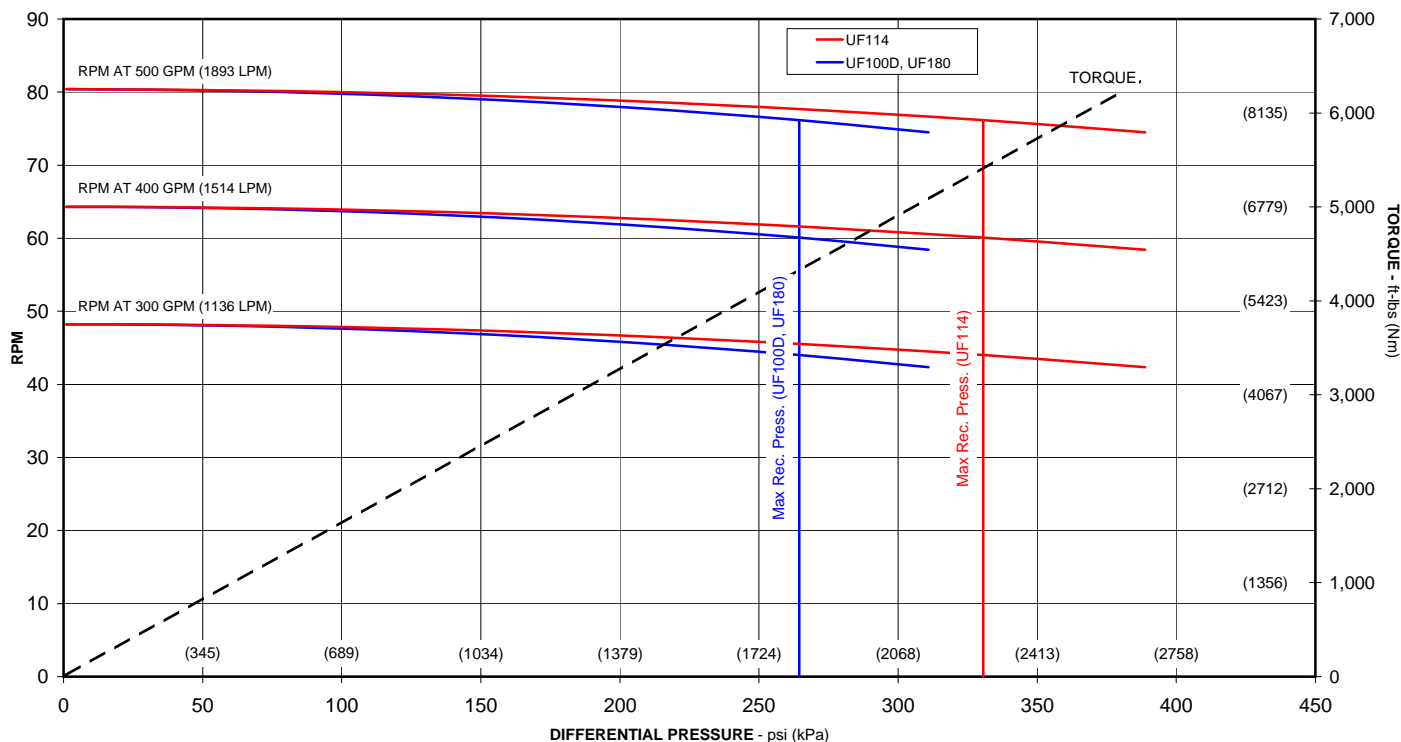
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	147 (1014) psi (kPa)
Off Bottom Speed:	0.16 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	79 (59) hp (kW)
(UF100D, UF180)	63 (47) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

625 / 650M7828 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	110.00 (2794)
Overall Length:	117.00 (2972)
Contour OD:	3.980 (101.09)
Eccentricity:	0.226 (5.74)
*Head OD:	3.500 (88.90)
Weight:	340 (154) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

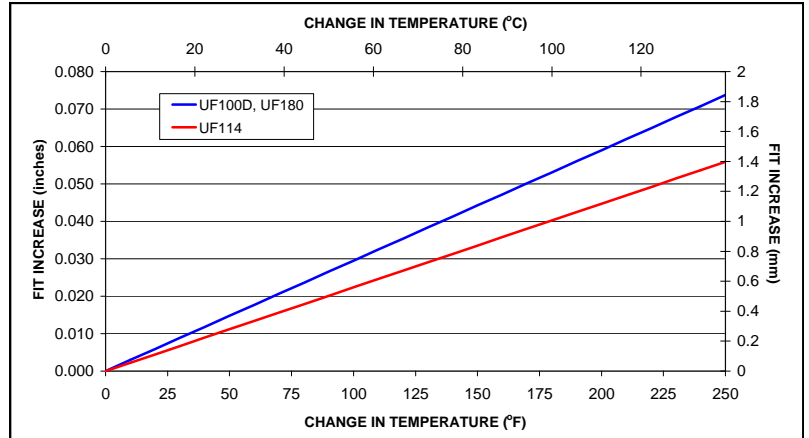
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.520 (89.41)	3.504 (89.00)
STD Contour Maj. Diam. (Ref.)		4.403 (111.84)	4.397 (111.68)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.009 (0.23)	0.025 (0.64)
	OS	-0.002 (-0.05)	0.014 (0.36)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.8
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	124.00 (3150)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	420 (191) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

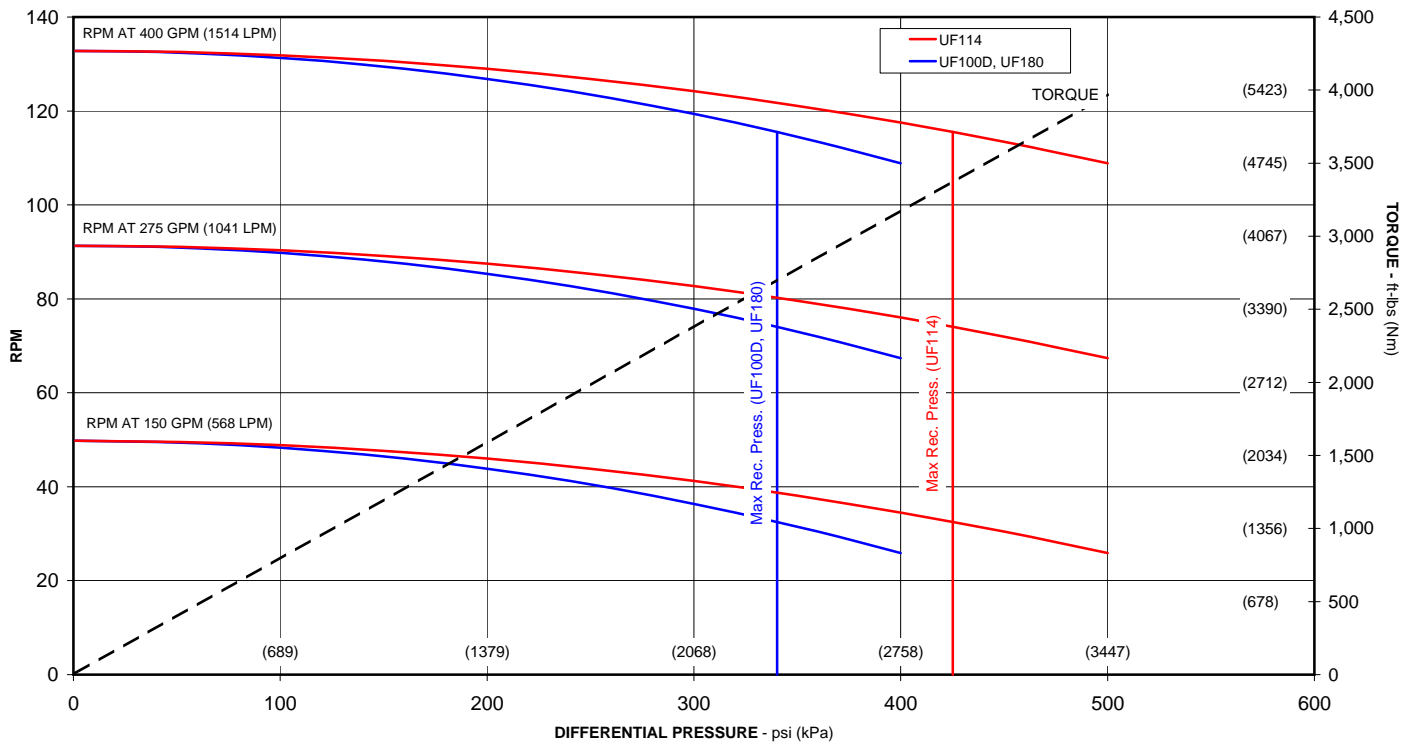
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	114 (786) psi (kPa)
Off Bottom Speed:	0.33 (0.09) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	74 (55) hp (kW)
(UF100D, UF180)	59 (44) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

625 / 650M7829-HTS (500 GPM) SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	215.00 (5461)
Overall Length:	220.80 (5608)
Contour OD:	4.203 (106.76)
Eccentricity:	0.233 (5.92)
*Head OD:	4.000 (101.60)
Weight:	687 (312) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.729 (94.72)	3.713 (94.31)
STD Contour Maj. Diam. (Ref.)		4.661 (118.39)	4.657 (118.29)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.008 (0.20)	0.024 (0.61)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

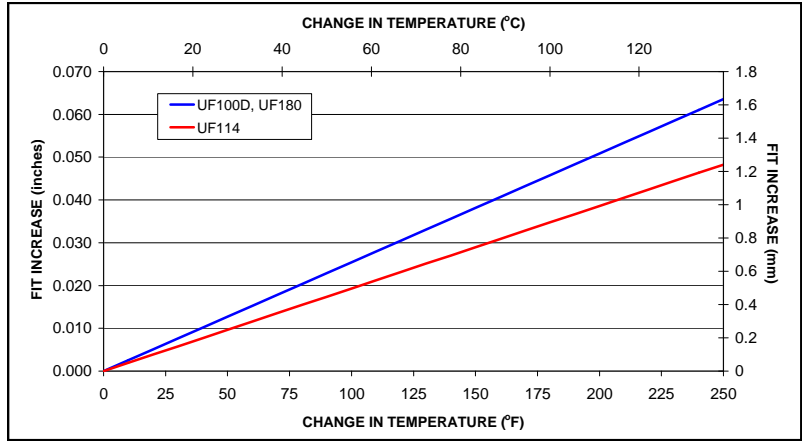
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.9
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	228.80 (5812)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	768 (348) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

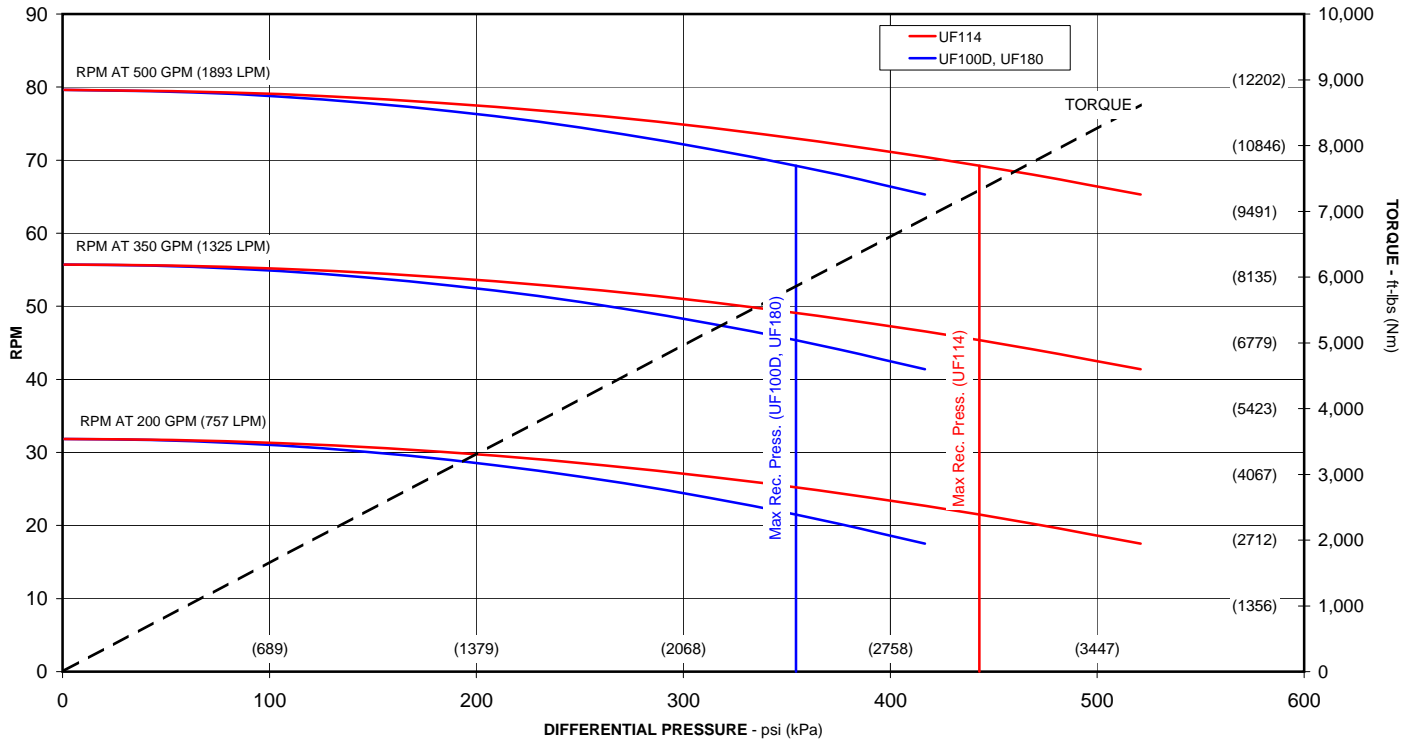
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	126 (869) psi (kPa)
Off Bottom Speed:	0.16 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	97 (72) hp (kW)
(UF100D, UF180)	77 (57) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

625M7830 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	111.00 (2819)
Overall Length:	117.00 (2972)
Contour OD:	3.980 (101.09)
Eccentricity:	0.233 (5.92)
*Head OD:	3.500 (88.90)
Weight:	361 (164) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.515 (89.28)	3.499 (88.87)
STD Contour Maj. Diam. (Ref.)		4.445 (112.90)	4.439 (112.75)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.016 (0.41)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

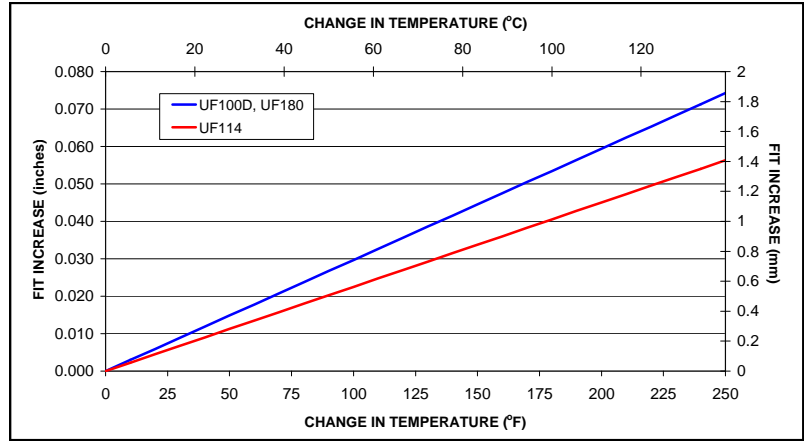
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	124.00 (3150)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	414 (188) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

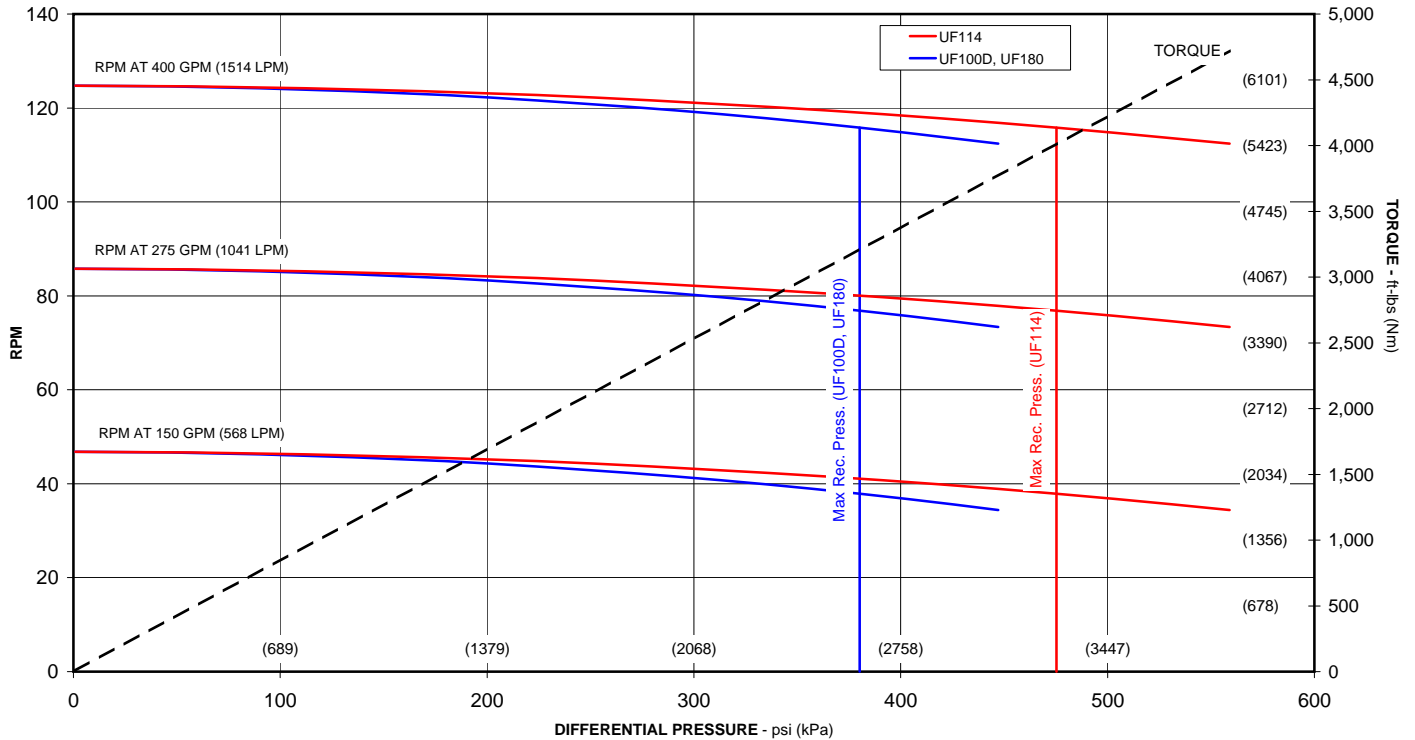
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	106 (731) psi (kPa)
Off Bottom Speed:	0.31 (0.08) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	89 (66) hp (kW)
(UF100D, UF180)	71 (53) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

625M7835-HTS SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	216.25 (5493)
Overall Length:	222.25 (5645)
Contour OD:	4.070 (103.38)
Eccentricity:	0.225 (5.72)
*Head OD:	3.500 (88.90)
Weight:	645 (293) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

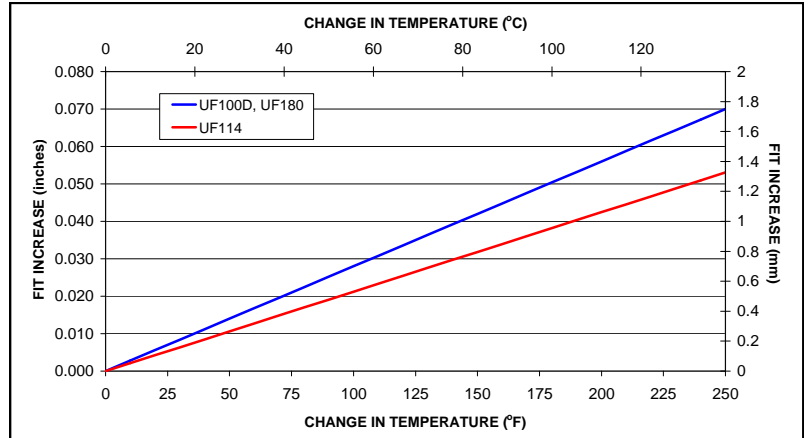
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	3.600 (91.44)	3.585 (91.06)	
STD Contour Maj. Diam. (Ref.)	4.500 (114.30)	4.495 (114.17)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.020 (0.51)	0.035 (0.89)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.5
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	231.25 (5874)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	784 (356) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

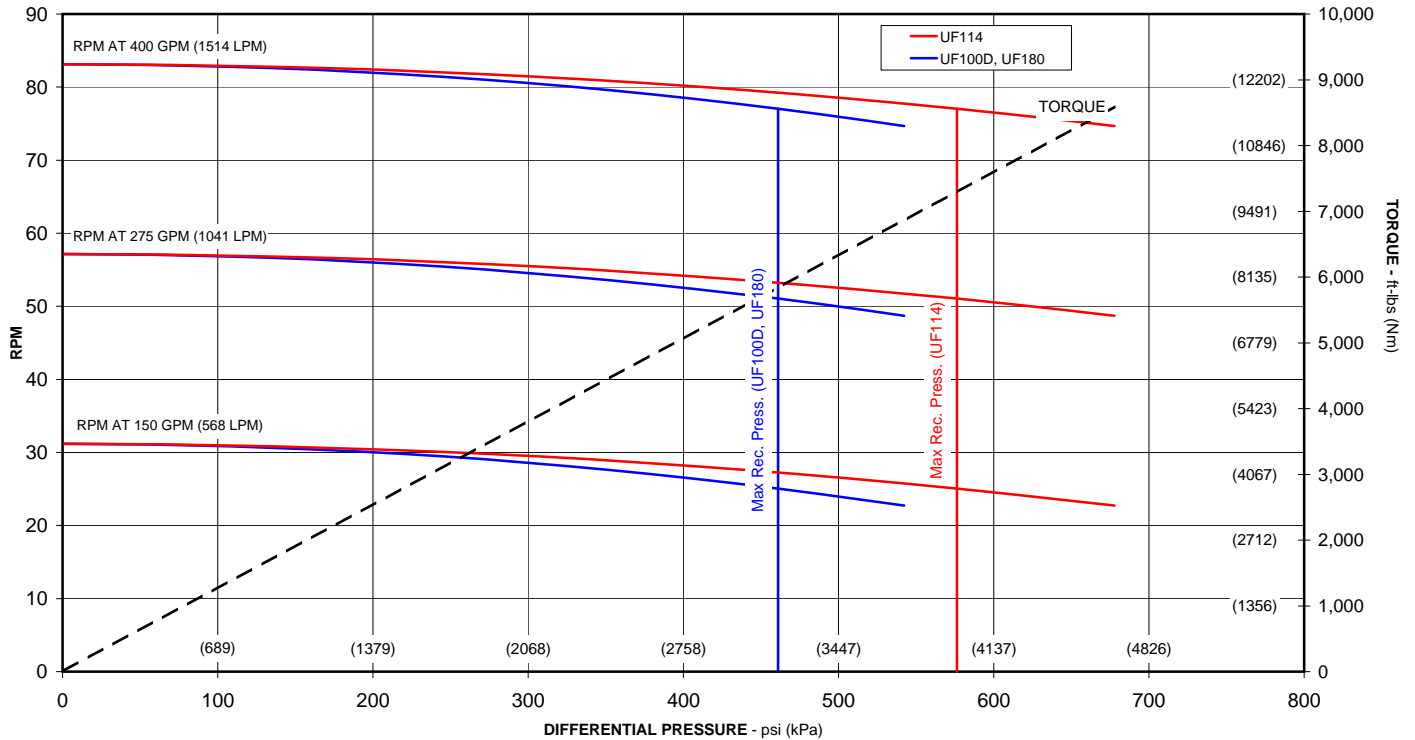
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	113 (779) psi (kPa)
Off Bottom Speed:	0.21 (0.06) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	107 (80) hp (kW)
(UF100D, UF180)	86 (64) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

625 / 650M7848 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	187.03 (4751)
Overall Length:	194.20 (4933)
Contour OD:	3.980 (101.09)
Eccentricity:	0.225 (5.72)
*Head OD:	3.500 (88.90)
Weight:	563 (255) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

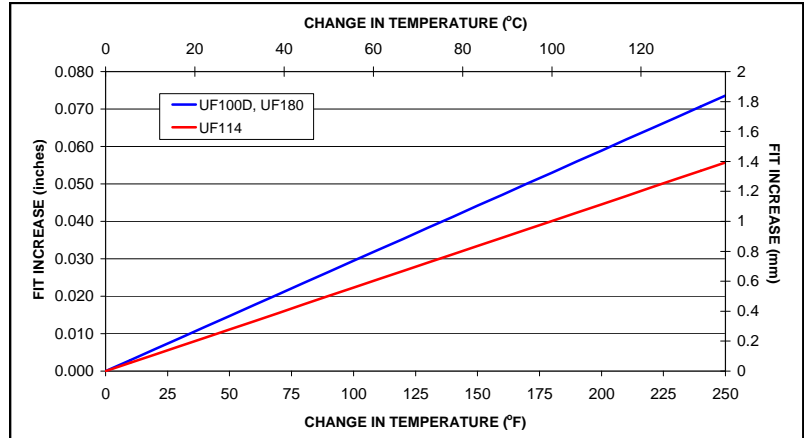
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.508 (89.10)	3.495 (88.77)
STD Contour Maj. Diam. (Ref.)		4.399 (111.73)	4.393 (111.58)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.022 (0.56)	0.035 (0.89)
	OS	-0.017 (-0.43)	-0.004 (-0.10)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.8
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	203.20 (5161)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	690 (313) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

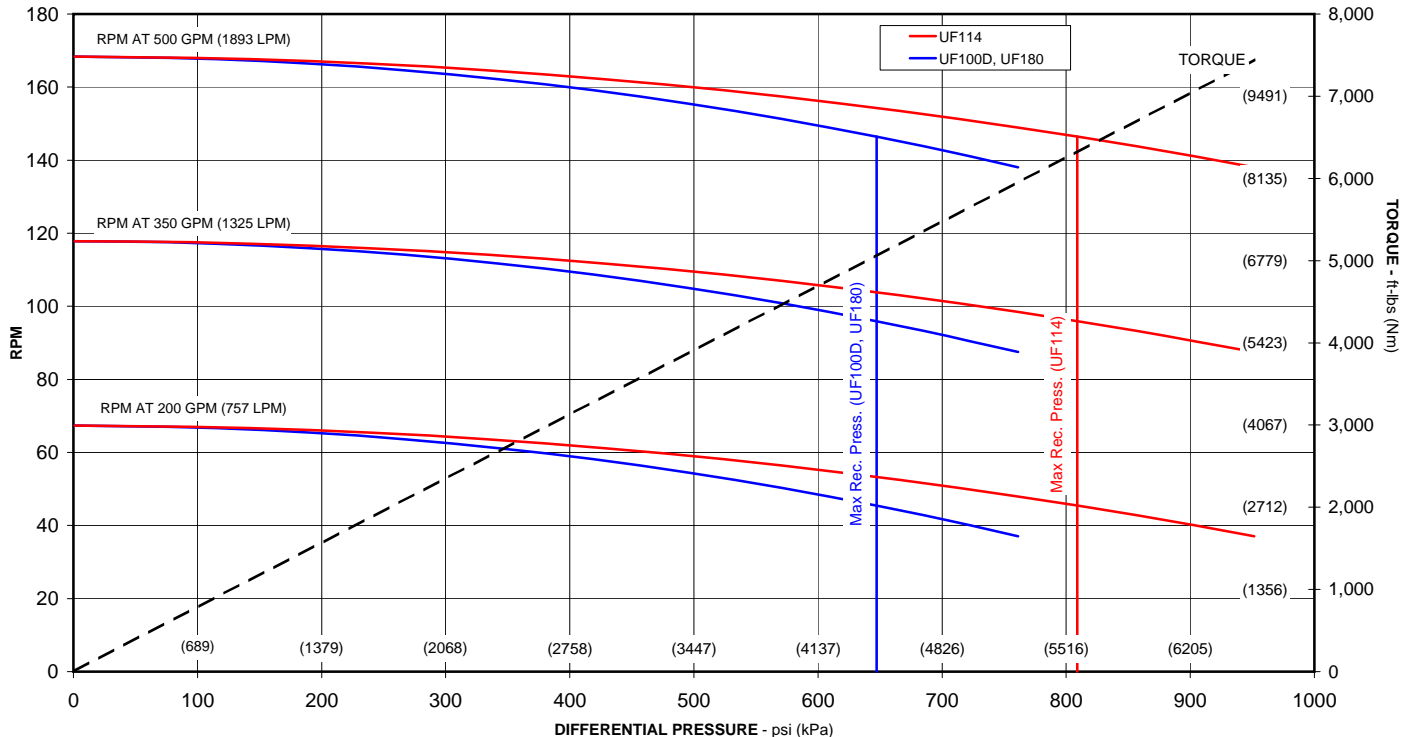
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	140 (965) psi (kPa)
Off Bottom Speed:	0.34 (0.09) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	177 (132) hp (kW)
(UF100D, UF180)	141 (105) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

625M8940 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	127.00 (3226)
Overall Length:	133.00 (3378)
Contour OD:	4.100 (104.14)
Eccentricity:	0.204 (5.18)
*Head OD:	3.750 (95.25)
Weight:	402 (182) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	3.692 (93.78)	3.678 (93.42)	
STD Contour Maj. Diam. (Ref.)	4.508 (114.50)	4.502 (114.35)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.014 (0.36)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

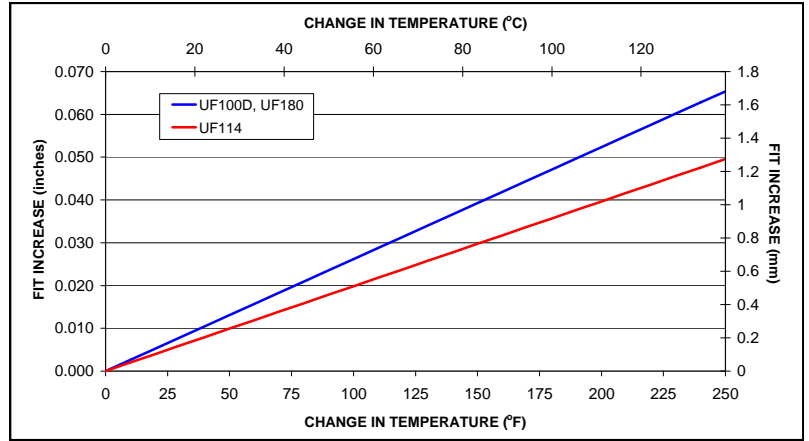
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	6.250 (158.75)
Nominal Tube ID:	5.000 (127.00)
Overall Length:	140.00 (3556)
Rubber Cut-back:	
Side 1:	6.00 (152)
Side 2:	11.00 (279)
Weight:	472 (214) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

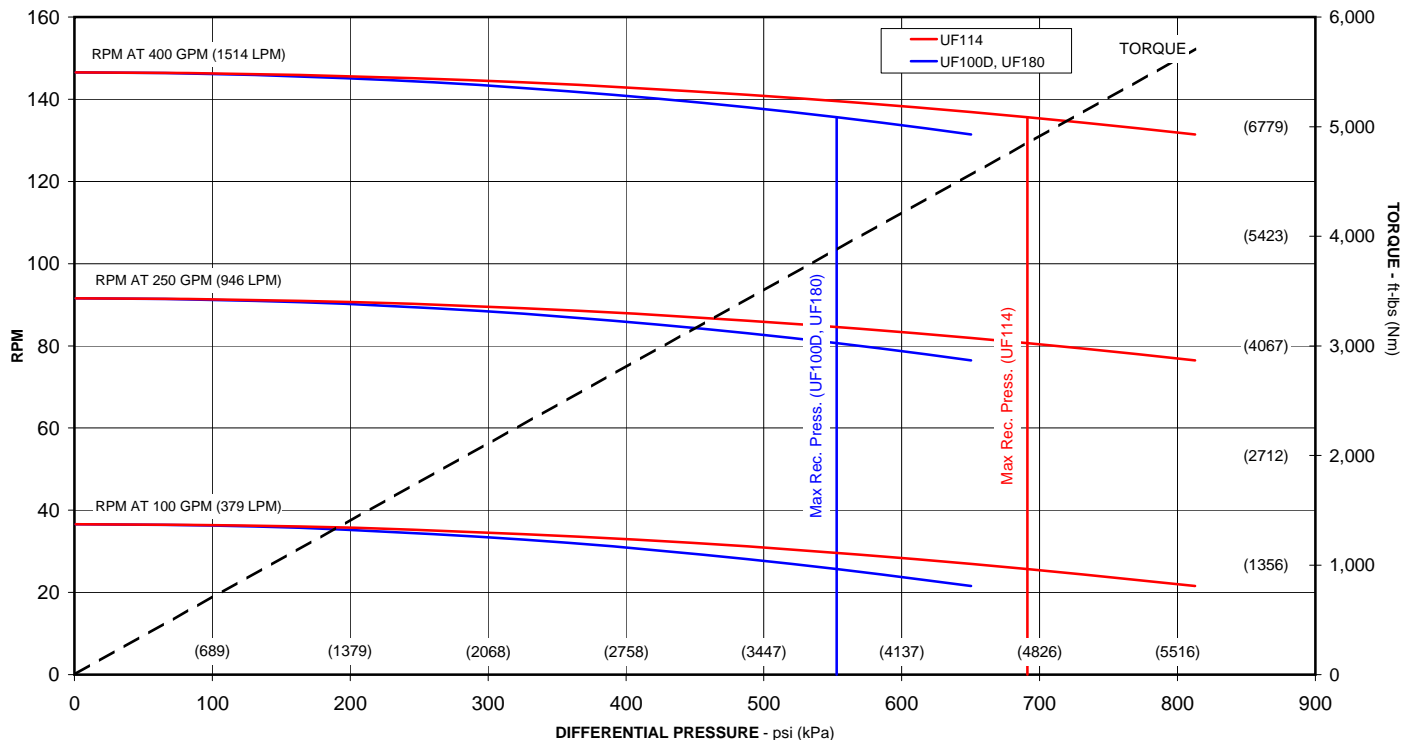
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	110 (758) psi (kPa)
Off Bottom Speed:	0.37 (0.1) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	125 (93) hp (kW)
(UF100D, UF180)	100 (75) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

650M5635 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	104.71 (2660)
Overall Length:	112.00 (2845)
Contour OD:	4.220 (107.19)
Eccentricity:	0.280 (7.11)
*Head OD:	4.22 (107.19)
Weight:	284 (129) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

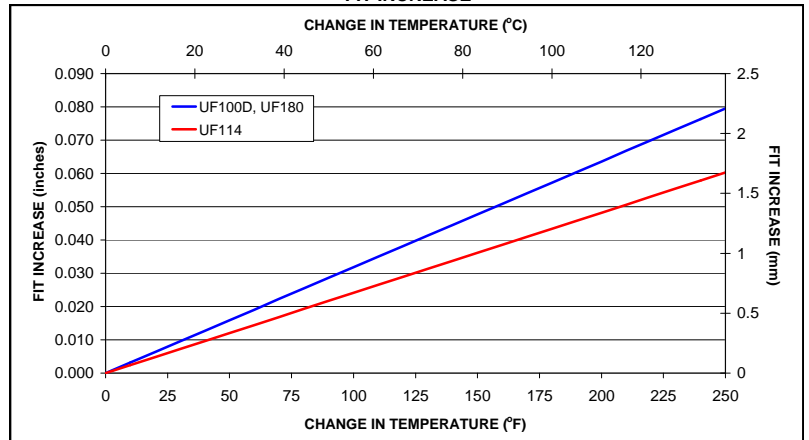
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.660 (92.96)	3.643 (92.53)
STD Contour Maj. Diam. (Ref.)		4.759 (120.88)	4.753 (120.73)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.017 (0.43)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.5
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.250 (133.35)
Overall Length:	121.91 (3097)
Rubber Cut-back:	
Side 1:	10.00 (254)
Side 2:	10.00 (254)
Weight:	443 (201) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

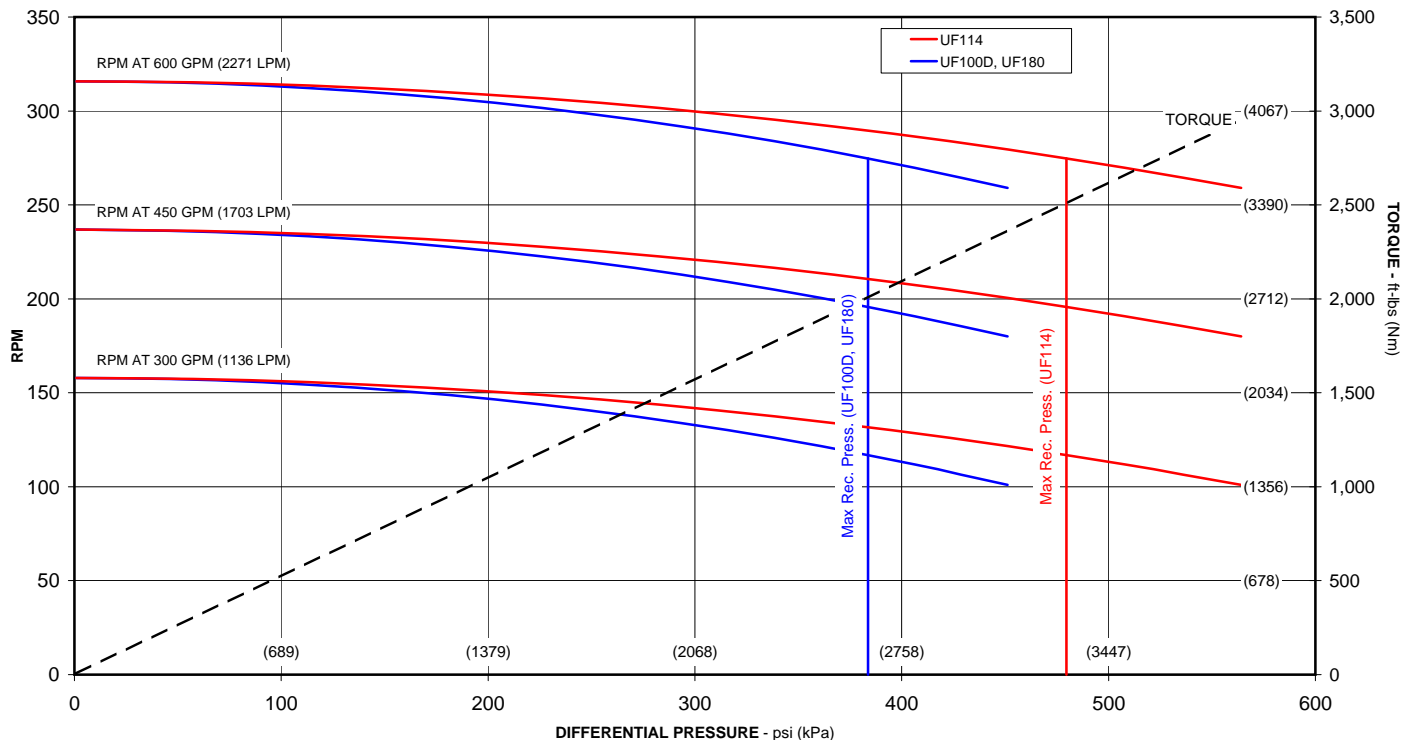
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	151 (1041) psi (kPa)
Off Bottom Speed:	0.53 (0.14) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	131 (98) hp (kW)
(UF100D, UF180)	105 (78) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

675M1230 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	121.00 (3073)
Overall Length:	126.88 (3223)
Contour OD:	3.820 (97.03)
Eccentricity:	0.625 (15.88)
*Head OD:	3.500 (88.90)
Weight:	184 (83) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	2.500 (63.50)	2.468 (62.69)	
STD Contour Maj. Diam. (Ref.)	5.000 (127.00)	4.994 (126.85)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.070 (1.78)	0.102 (2.59)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

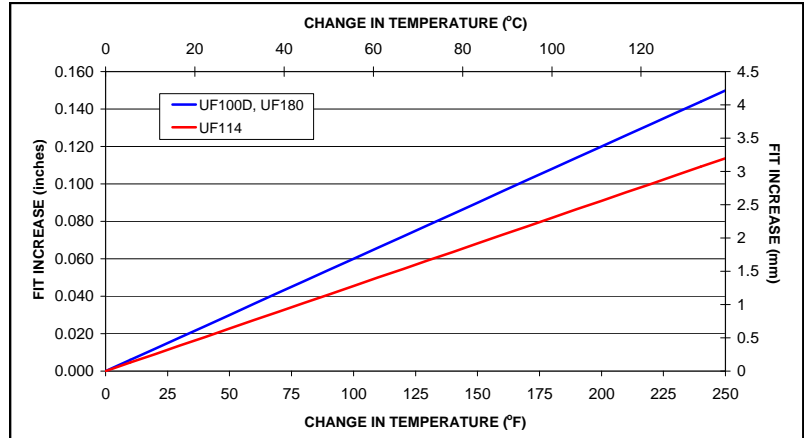
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	135.00 (3429)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	524 (238) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

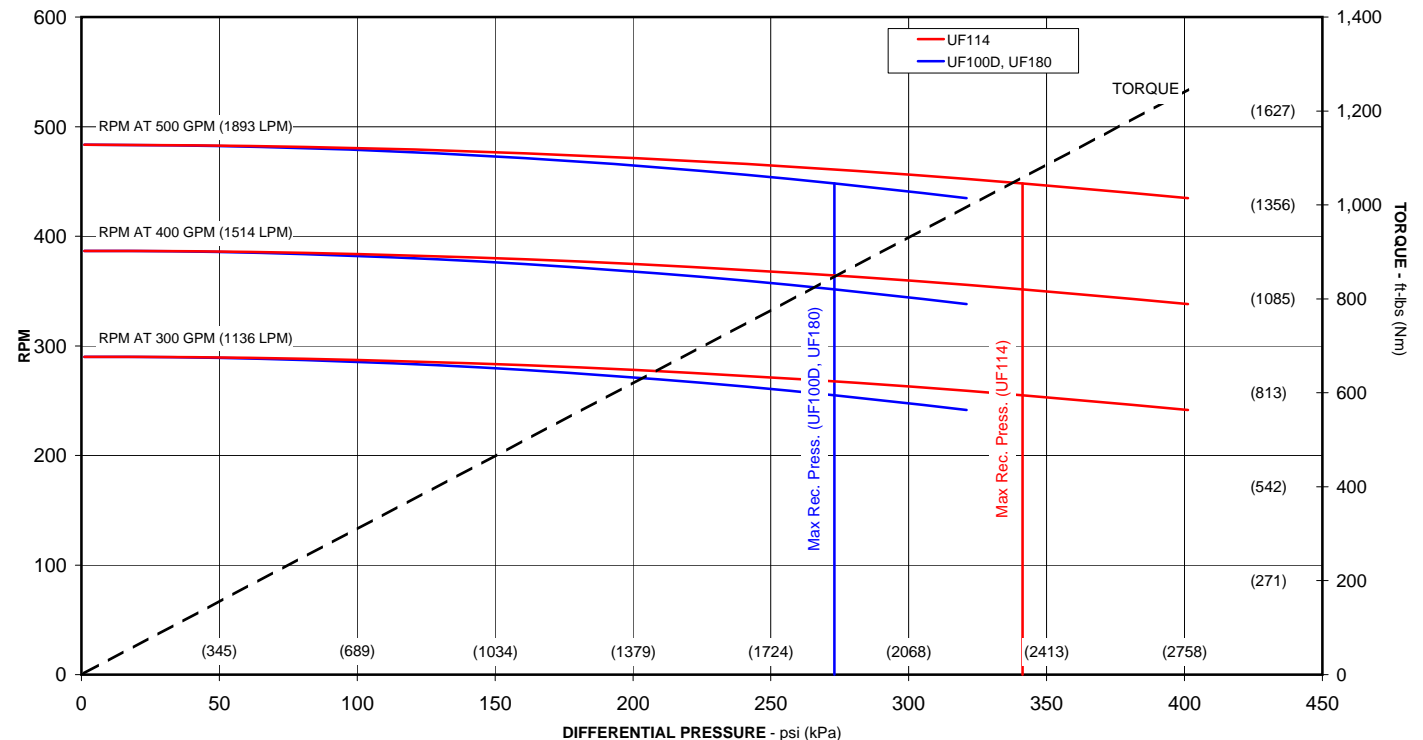
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	102 (703) psi (kPa)
Off Bottom Speed:	0.97 (0.26) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	90 (67) hp (kW)
(UF100D, UF180)	72 (54) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

675M1240 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	160.38 (4074)
Overall Length:	166.25 (4223)
Contour OD:	3.820 (97.03)
Eccentricity:	0.625 (15.88)
*Head OD:	3.500 (88.90)
Weight:	239 (108) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

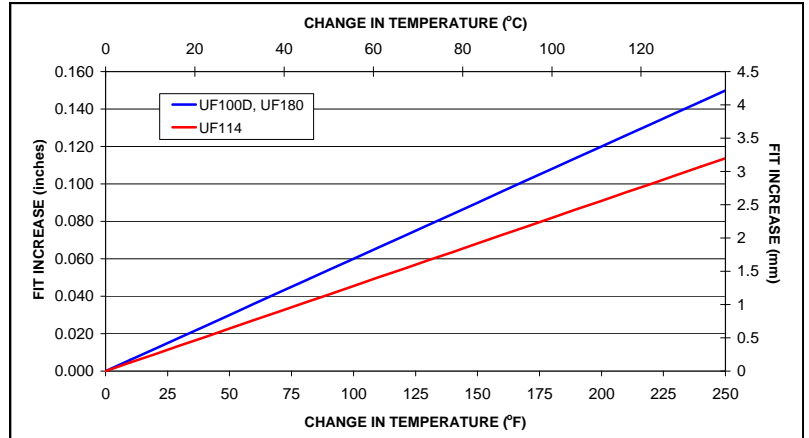
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.500 (63.50)	2.468 (62.69)
STD Contour Maj. Diam. (Ref.)		5.000 (127.00)	4.994 (126.85)
Nominal Fit on Diameter			
	US	N/A	N/A
	STD	0.070 (1.78)	0.102 (2.59)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	175.00 (4445)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	682 (309) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

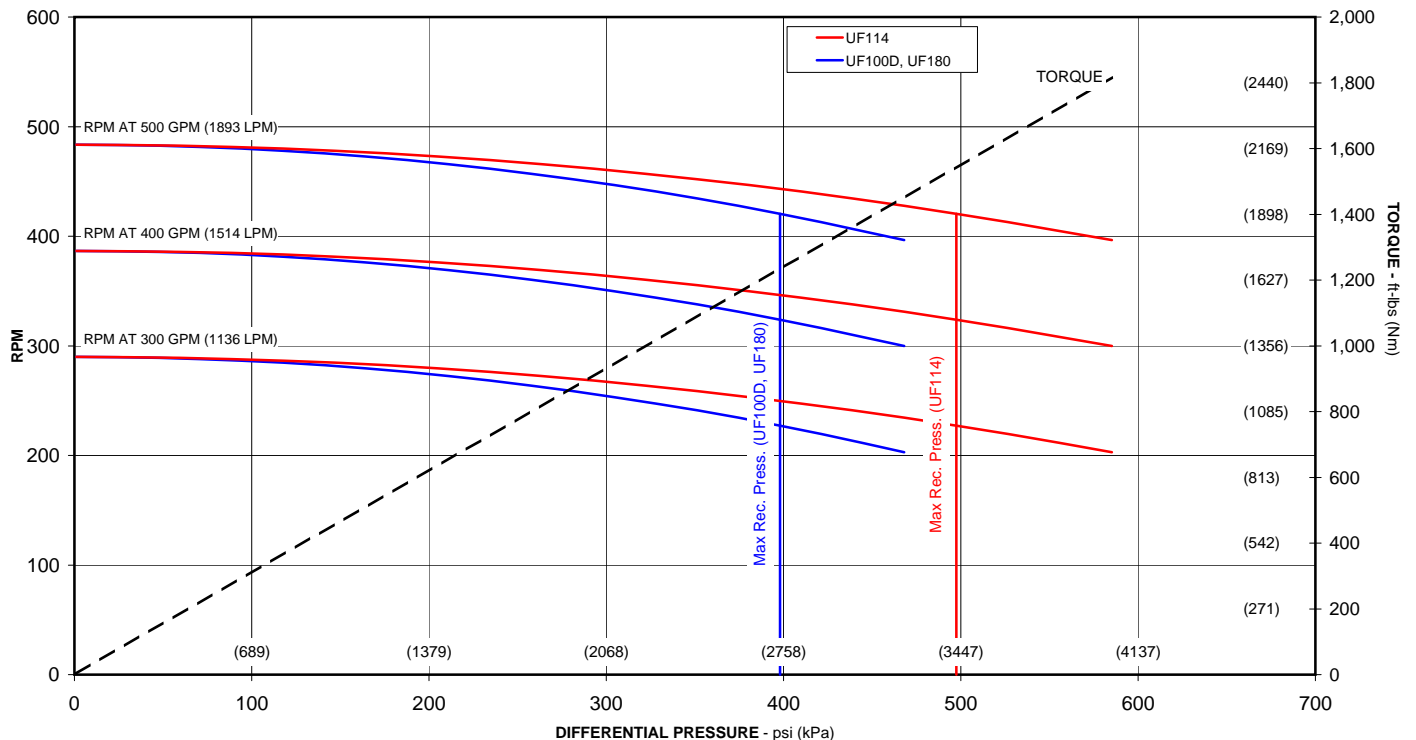
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	102 (703) psi (kPa)
Off Bottom Speed:	0.97 (0.26) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	124 (92) hp (kW)
(UF100D, UF180)	99 (74) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

675M2380 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	195.50 (4966)
Overall Length:	202.50 (5144)
Contour OD:	4.020 (102.11)
Eccentricity:	0.500 (12.70)
*Head OD:	3.500 (88.90)
Weight:	414 (188) lbs (kg)
*Thread Form:	2 3/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		2.986 (75.84)	2.959 (75.16)
STD Contour Maj. Diam. (Ref.)		4.989 (126.72)	4.983 (126.57)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.034 (0.86)	0.061 (1.55)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

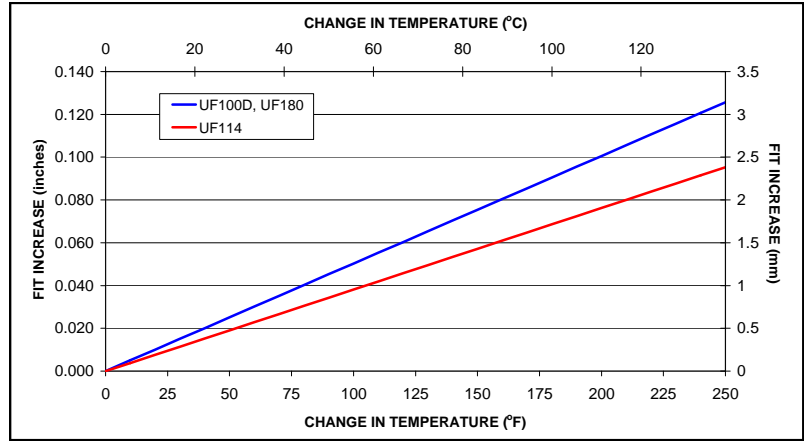
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	8.0
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	210.00 (5334)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	807 (366) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

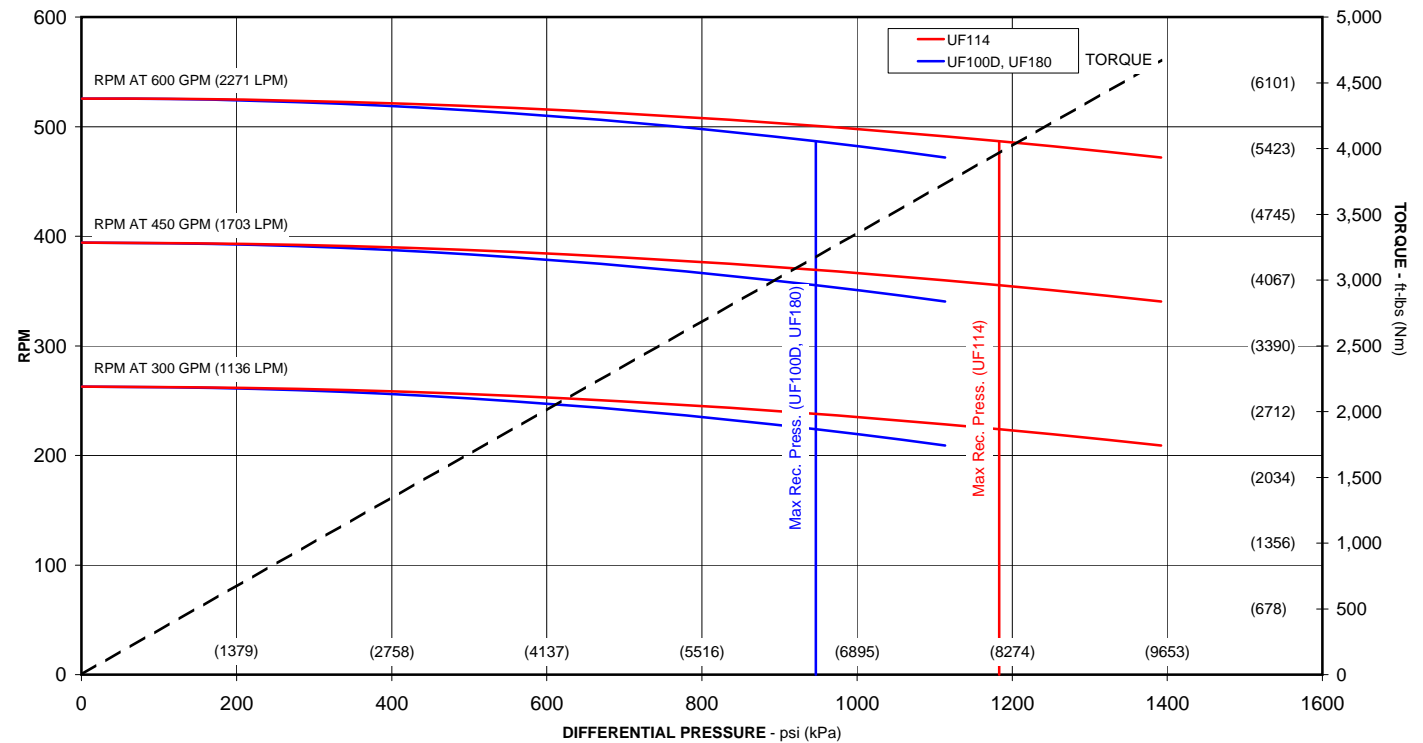
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	105 (724) psi (kPa)
Off Bottom Speed:	0.88 (0.23) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	368 (274) hp (kW)
(UF100D, UF180)	295 (220) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

650 / 675M4548 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	134.34 (3412)
Overall Length:	141.50 (3594)
Contour OD:	4.220 (107.19)
Eccentricity:	0.355 (9.02)
*Head OD:	4.000 (101.60)
Weight:	406 (184) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.487 (88.57)	3.468 (88.09)
STD Contour Maj. Diam. (Ref.)		4.896 (124.36)	4.890 (124.21)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.023 (0.58)	0.042 (1.07)
	OS	-0.017 (-0.43)	0.002 (0.05)
	2OS	N/A	N/A
	3OS	N/A	N/A

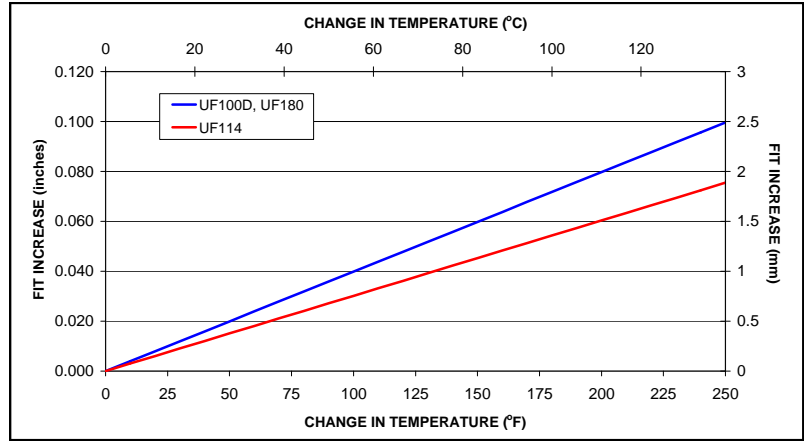
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.8
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	148.50 (3772)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	450 (204) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

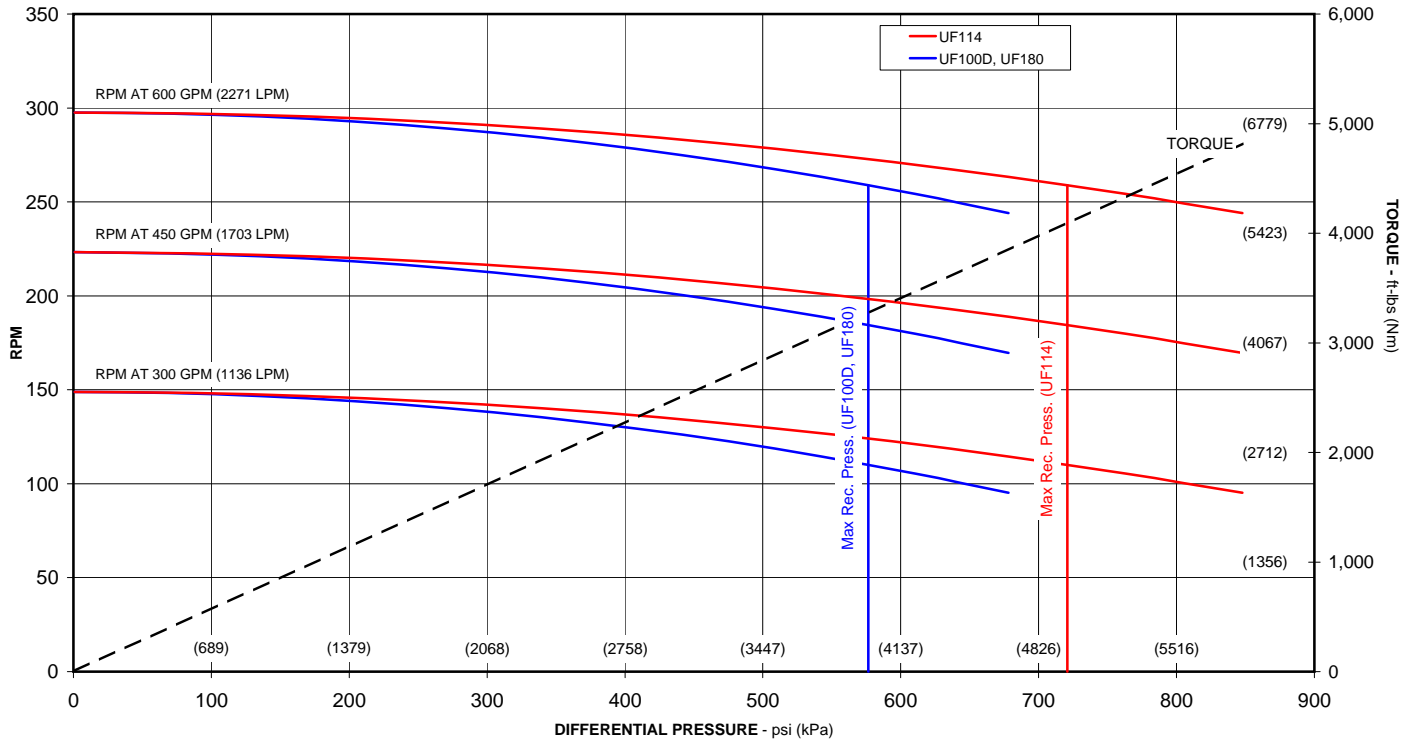
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	117 (807) psi (kPa)
Off Bottom Speed:	0.5 (0.13) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	202 (151) hp (kW)
(UF100D, UF180)	162 (121) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

675M4550 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	128.69 (3269)
Overall Length:	136.50 (3467)
Contour OD:	4.321 (109.75)
Eccentricity:	0.362 (9.19)
*Head OD:	4.125 (104.78)
Weight:	409 (186) lbs (kg)
*Thread Form:	2 3/8" API IF
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.559 (90.40)	3.534 (89.76)
STD Contour Maj. Diam. (Ref.)		4.987 (126.67)	4.890 (124.21)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.038 (0.97)	0.063 (1.60)
	OS	-0.022 (-0.56)	-0.001 (-0.03)
	2OS	N/A	N/A
	3OS	N/A	N/A

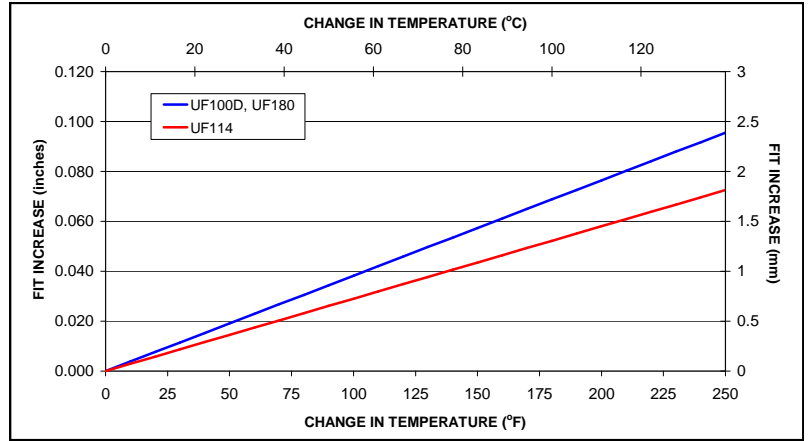
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	146.00 (3708)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	547 (248) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

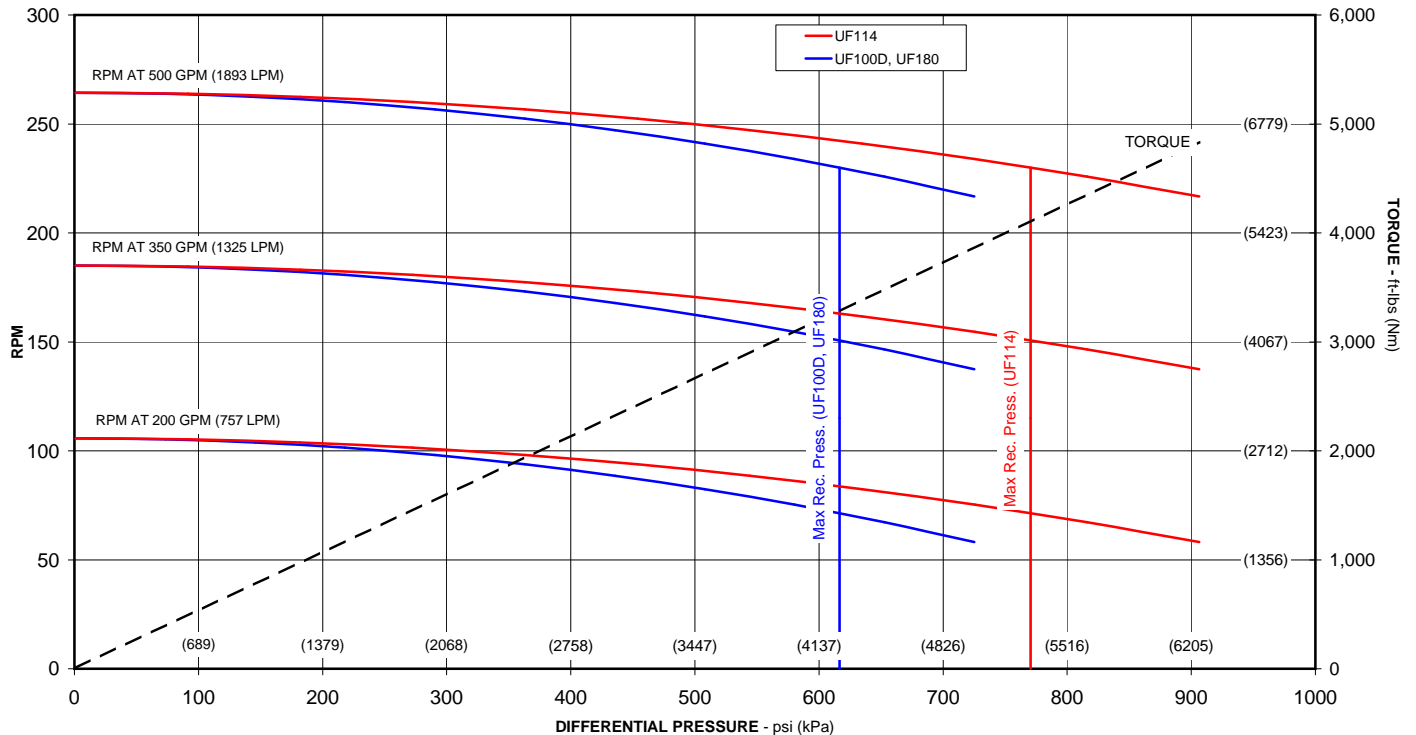
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	106 (731) psi (kPa)
Off Bottom Speed:	0.53 (0.14) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	180 (134) hp (kW)
(UF100D, UF180)	144 (107) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

650 / 675M4570 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	195.50 (4966)
Overall Length:	202.50 (5144)
Contour OD:	4.220 (107.19)
Eccentricity:	0.355 (9.02)
*Head OD:	4.000 (101.60)
Weight:	579 (263) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

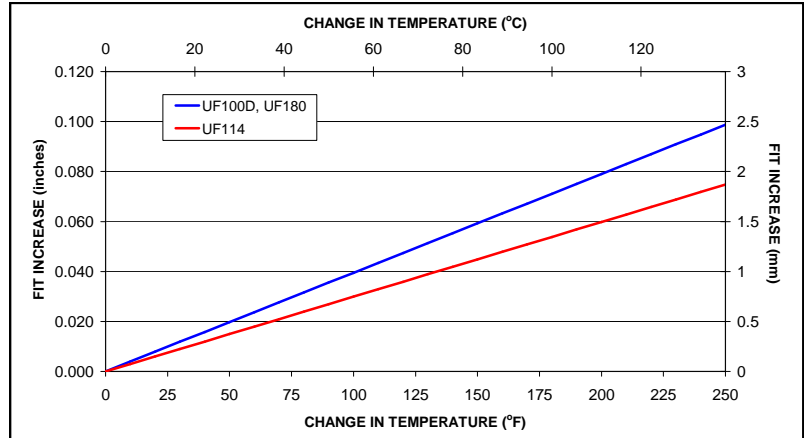
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.485 (88.52)	3.464 (87.99)
STD Contour Maj. Diam. (Ref.)		4.895 (124.33)	4.889 (124.18)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.025 (0.64)	0.046 (1.17)
	OS	-0.019 (-0.48)	-0.007 (-0.18)
	2OS	-0.050 (-1.27)	-0.027 (-0.69)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	7.0
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	210.00 (5334)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	639 (290) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

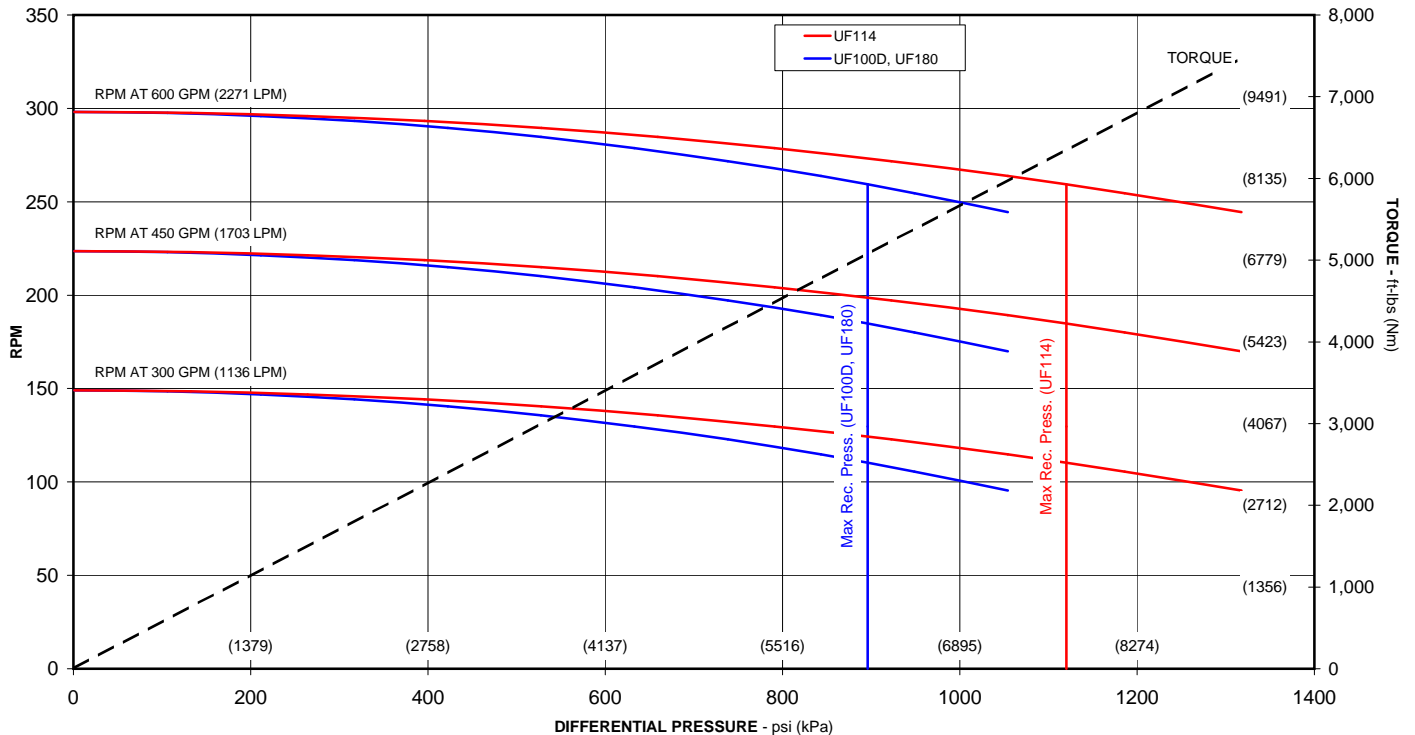
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	117 (807) psi (kPa)
Off Bottom Speed:	0.5 (0.13) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	314 (234) hp (kW)
(UF100D, UF180)	251 (187) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

675M6750 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	186.33 (4733)
Overall Length:	194.00 (4928)
Contour OD:	4.316 (109.63)
Eccentricity:	0.288 (7.32)
*Head OD:	4.000 (101.60)
Weight:	602 (273) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.738 (94.95)	3.719 (94.46)
STD Contour Maj. Diam. (Ref.)		4.883 (124.03)	4.877 (123.88)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.001 (0.03)	0.020 (0.51)
	OS	-0.025 (-0.64)	-0.006 (-0.15)
	2OS	-0.056 (-1.42)	-0.037 (-0.94)
	3OS	N/A	N/A

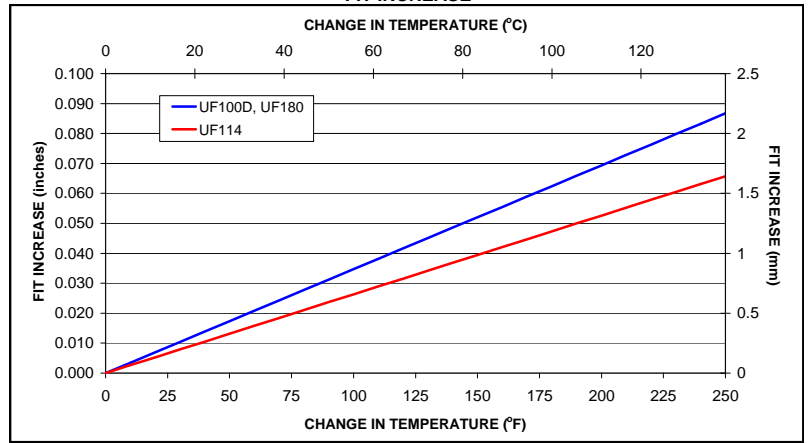
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	200.00 (5080)
Rubber Cut-back:	
Side 1:	7.25 (184)
Side 2:	7.25 (184)
Weight:	746 (338) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

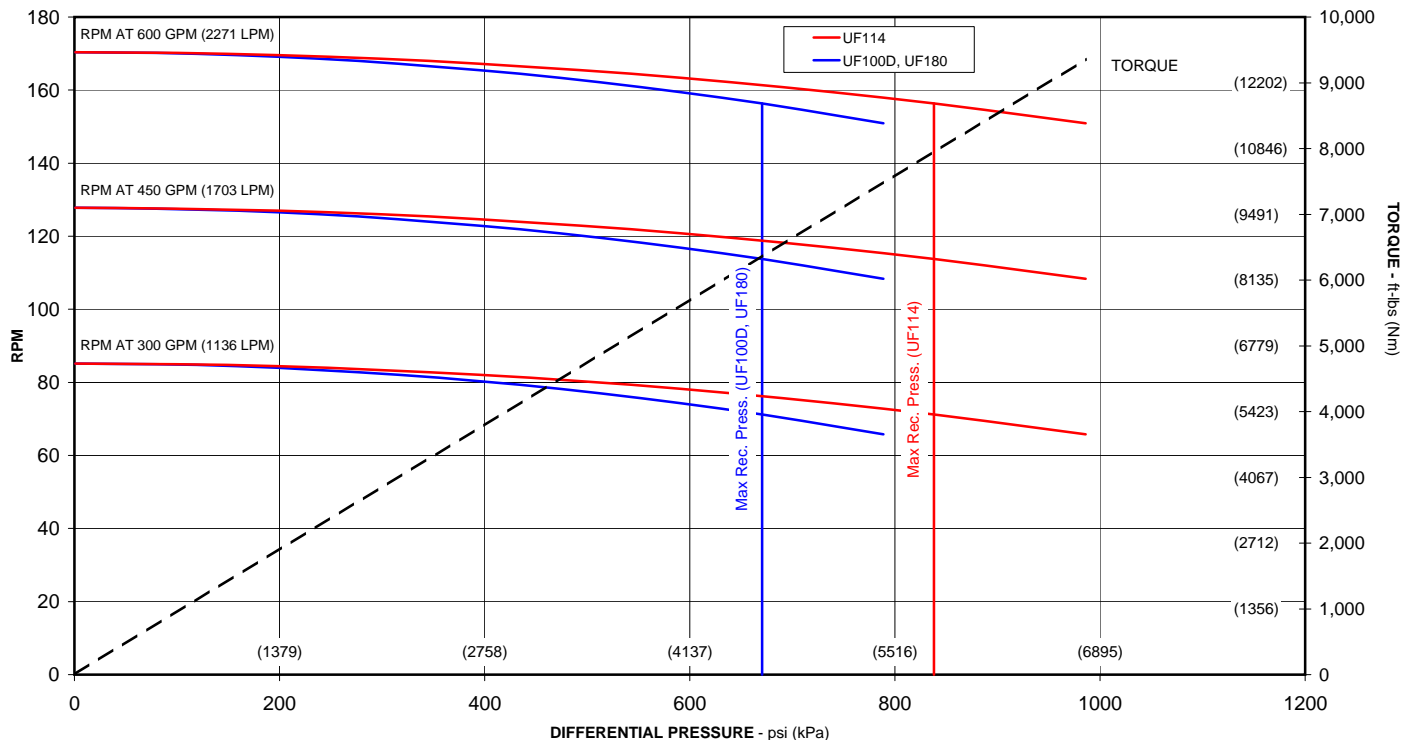
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	131 (903) psi (kPa)
Off Bottom Speed:	0.28 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	237 (177) hp (kW)
(UF100D, UF180)	190 (142) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

650 / 675M7820 AD SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	139.60 (3546)
Overall Length:	147.00 (3734)
Contour OD:	4.500 (114.30)
Eccentricity:	0.255 (6.48)
*Head OD:	4.000 (101.60)
Weight:	547 (248) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.980 (101.09)	3.964 (100.69)
STD Contour Maj. Diam. (Ref.)		4.997 (126.92)	4.992 (126.80)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.026 (0.66)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

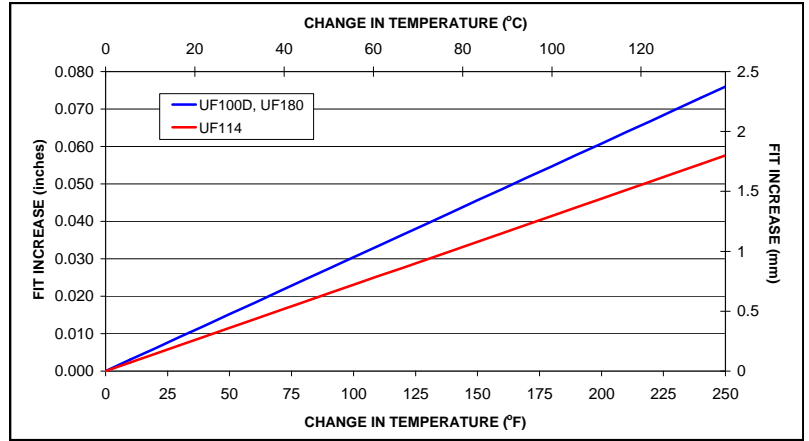
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.0
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	153.50 (3899)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	452 (205) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

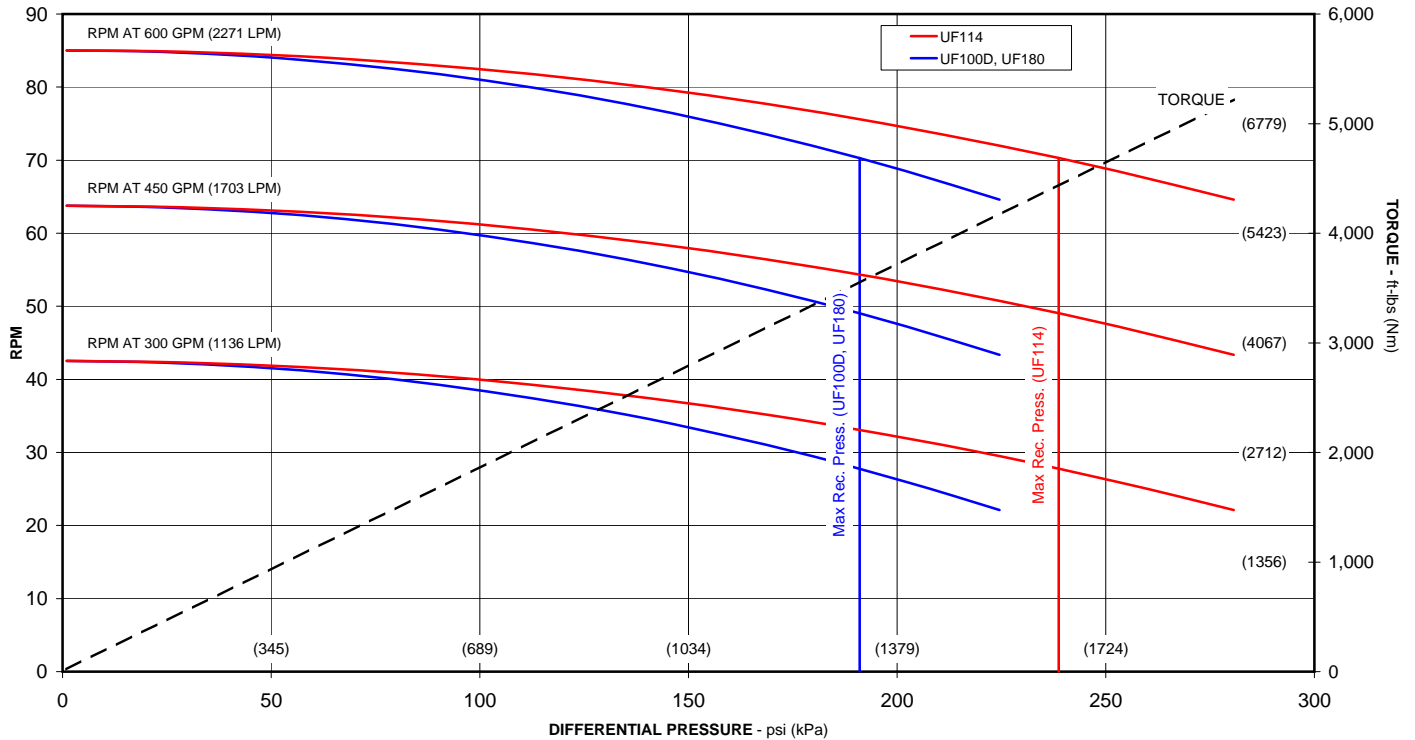
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	137 (945) psi (kPa)
Off Bottom Speed:	0.14 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	59 (44) hp (kW)
(UF100D, UF180)	48 (36) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

650 / 675M7829-HTS (600 GPM) SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	206.30 (5240)
Overall Length:	213.60 (5425)
Contour OD:	4.296 (109.12)
Eccentricity:	0.244 (6.20)
*Head OD:	4.000 (101.60)
Weight:	654 (297) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

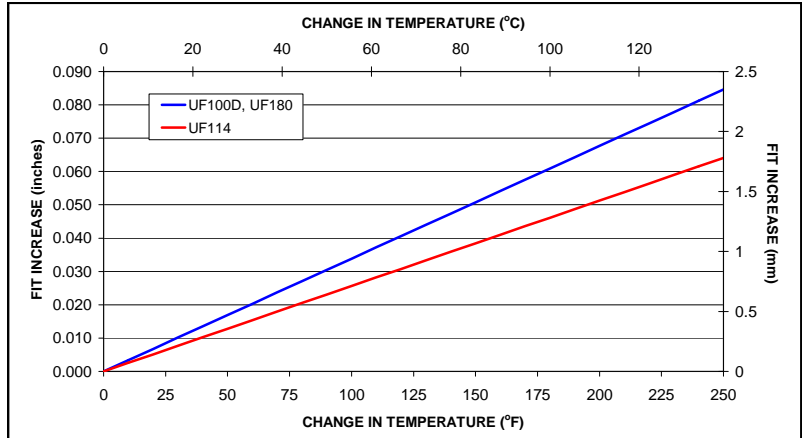
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.793 (96.34)	3.776 (95.91)
STD Contour Maj. Diam. (Ref.)		4.769 (121.13)	4.760 (120.90)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.015 (0.38)	0.032 (0.81)
	OS	-0.015 (-0.38)	0.002 (0.05)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.9
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	220.00 (5588)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	674 (306) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

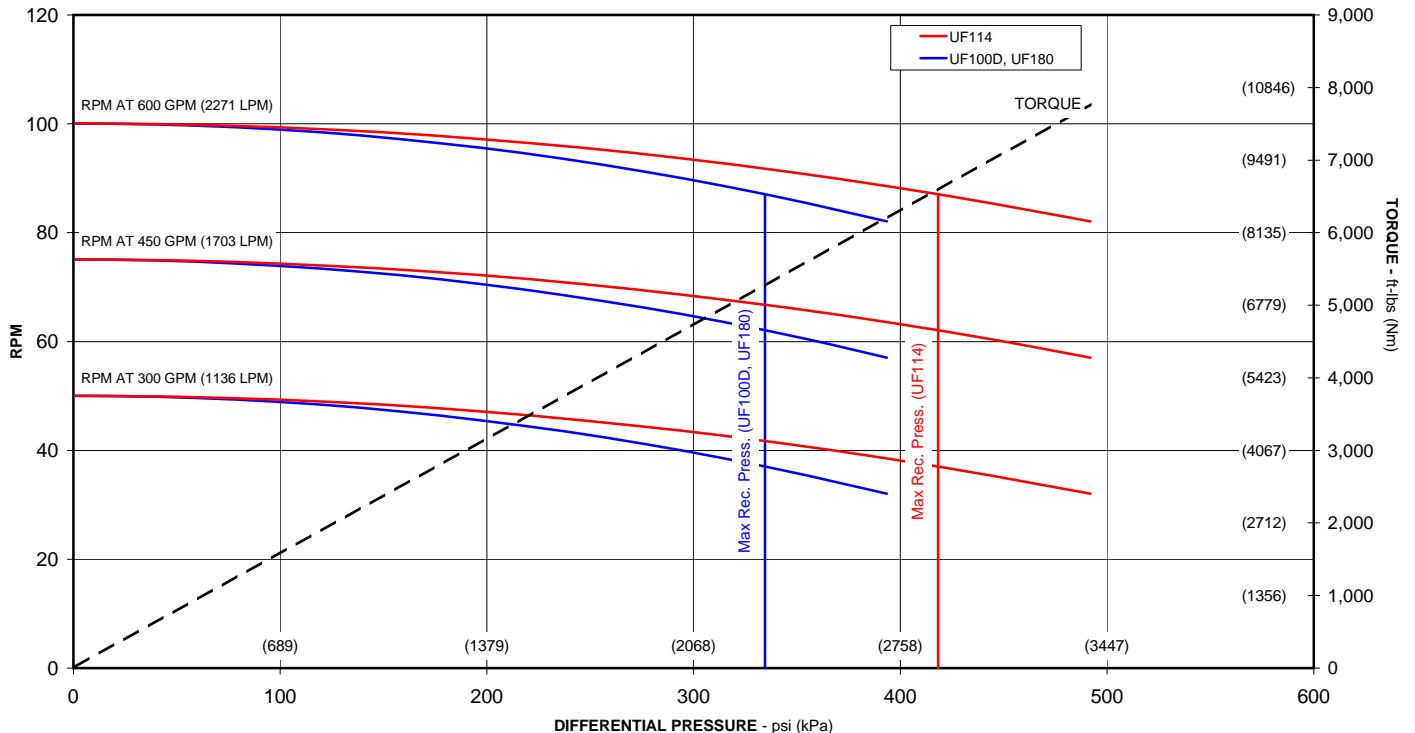
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	158 (1089) psi (kPa)
Off Bottom Speed:	0.17 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	110 (82) hp (kW)
(UF100D, UF180)	88 (66) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

650 / 675M7830 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	111.34 (2828)
Overall Length:	118.50 (3010)
Contour OD:	4.520 (114.81)
Eccentricity:	0.256 (6.50)
*Head OD:	4.000 (101.60)
Weight:	443 (201) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

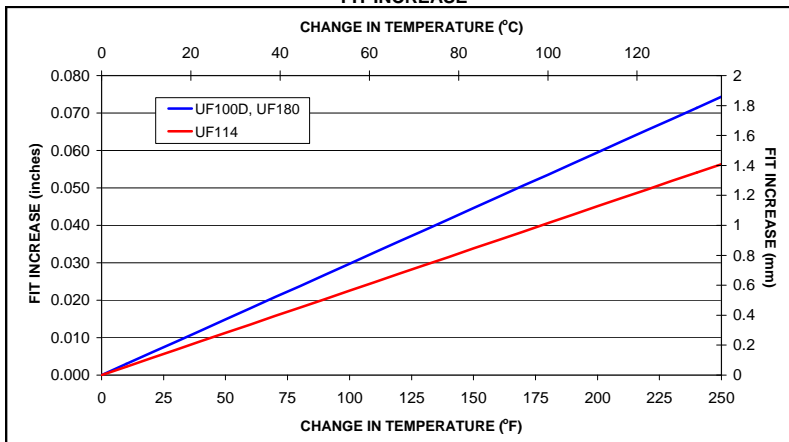
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.980 (101.09)	3.964 (100.69)
STD Contour Maj. Diam. (Ref.)		4.997 (126.92)	4.992 (126.80)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.028 (0.71)	0.045 (1.14)
	OS	-0.011 (-0.28)	0.005 (0.13)
	2OS	-0.031 (-0.79)	-0.014 (-0.36)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	125.00 (3175)
Rubber Cut-back:	
Side 1:	7.25 (184)
Side 2:	7.25 (184)
Weight:	367 (166) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

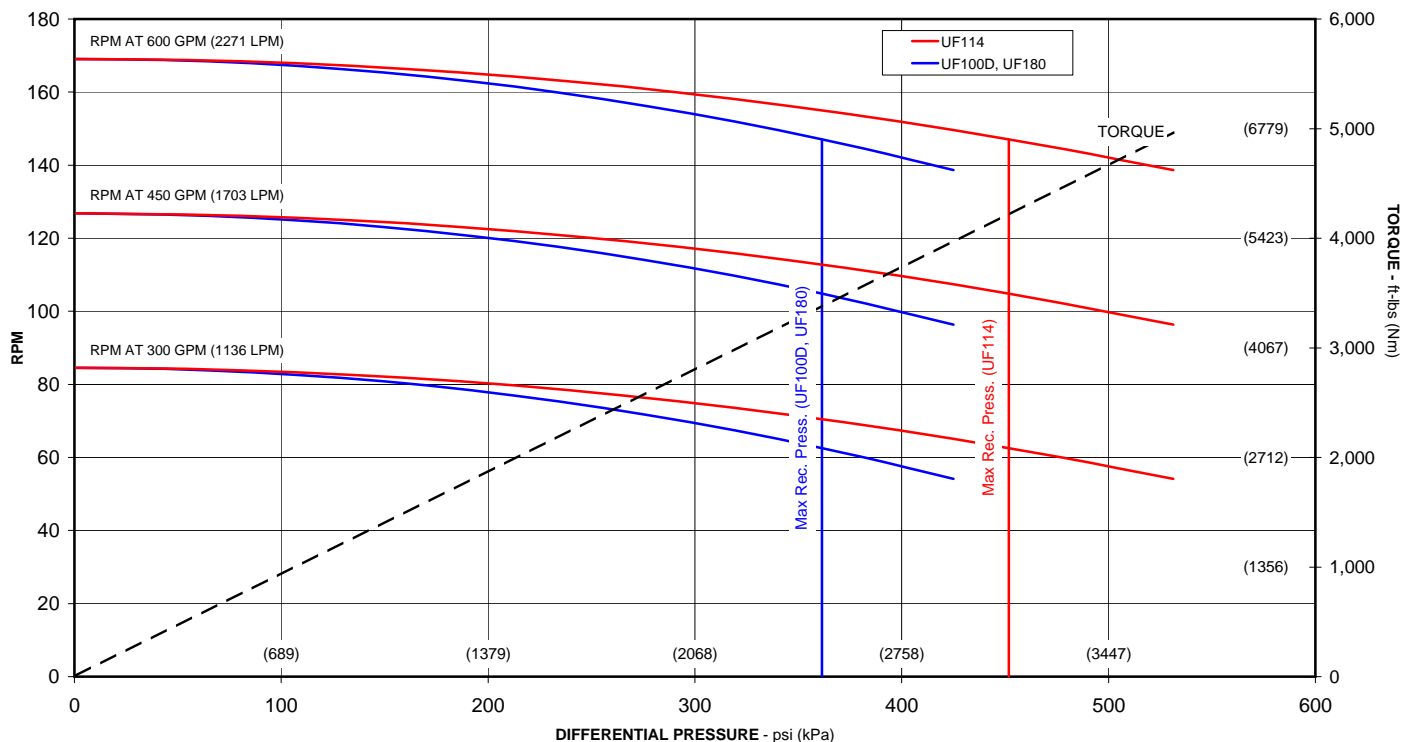
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	142 (979) psi (kPa)
Off Bottom Speed:	0.28 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	118 (88) hp (kW)
(UF100D, UF180)	95 (71) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

650 / 675M7830-HTS SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	190.10 (4829)
Overall Length:	197.50 (5017)
Contour OD:	4.569 (116.05)
Eccentricity:	0.254 (6.45)
*Head OD:	4.000 (101.60)
Weight:	757 (343) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

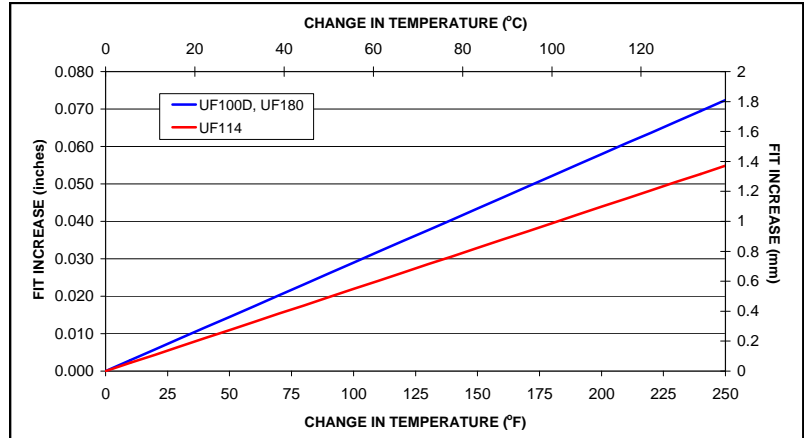
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	4.052 (102.92)	4.037 (102.54)	
STD Contour Maj. Diam. (Ref.)	5.070 (128.78)	5.065 (128.65)	
Nominal Fit on Diameter	US STD OS 2OS 3OS	N/A 0.010 (0.25) N/A N/A N/A	N/A 0.025 (0.64) N/A N/A N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	204.00 (5182)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	598 (271) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

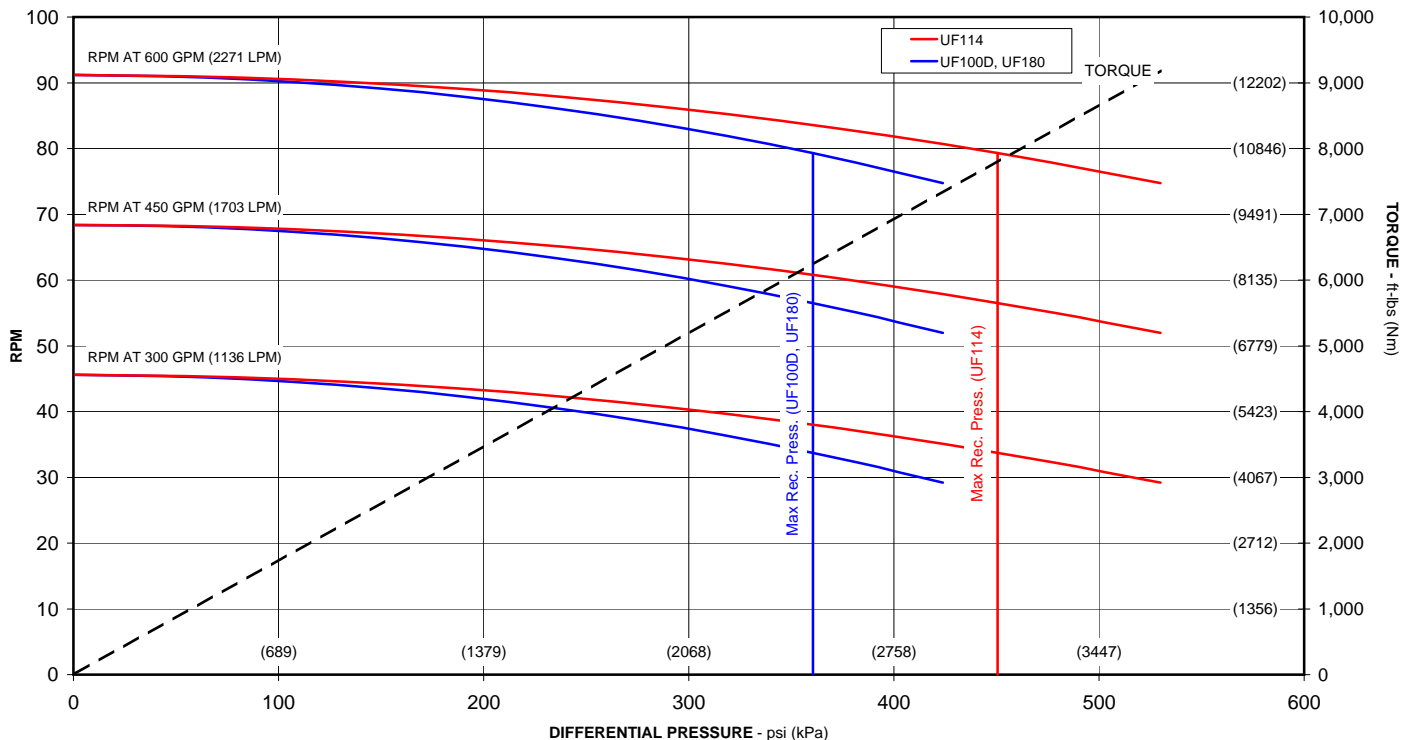
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	135 (931) psi (kPa)
Off Bottom Speed:	0.15 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	118 (88) hp (kW)
(UF100D, UF180)	94 (70)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

650 / 675 / 700M7833-HTS SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	231.10 (5870)
Overall Length:	238.50 (6058)
Contour OD:	4.500 (114.30)
Eccentricity:	0.255 (6.48)
*Head OD:	4.000 (101.60)
Weight:	889 (403) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

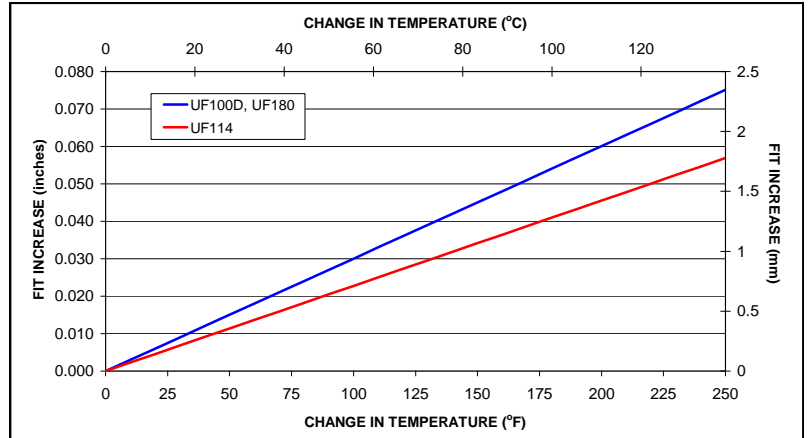
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.980 (101.09)	3.964 (100.69)
STD Contour Maj. Diam. (Ref.)		4.997 (126.92)	4.992 (126.80)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.026 (0.66)
	OS	-0.026 (-0.66)	-0.010 (-0.25)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.3
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	245.00 (6223)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	725 (329) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

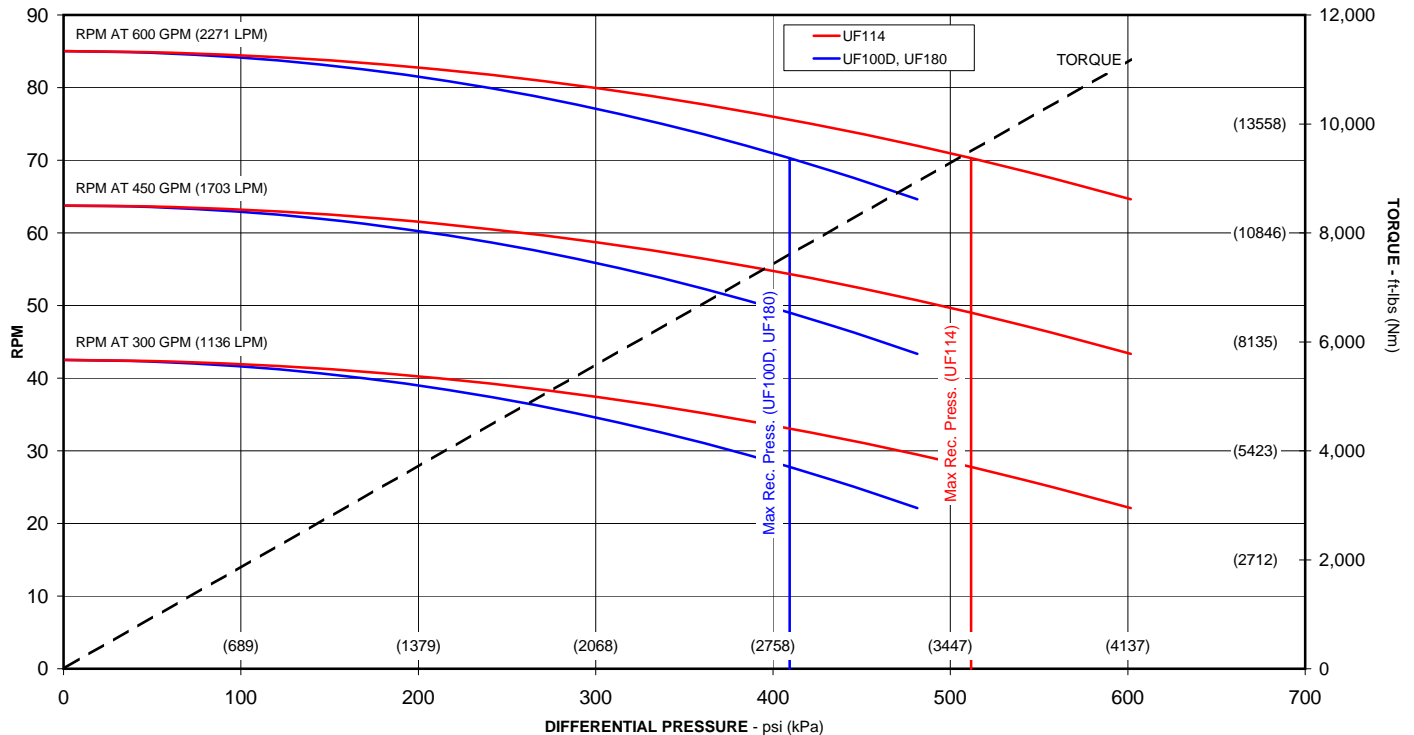
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	137 (945) psi (kPa)
Off Bottom Speed:	0.14 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	127 (95) hp (kW)
(UF100D, UF180)	102 (76) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

675M7835-HTS SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	245.00 (6223)
Overall Length:	252.00 (6401)
Contour OD:	4.639 (117.83)
Eccentricity:	0.247 (6.27)
*Head OD:	4.000 (101.60)
Weight:	899 (408) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.150 (105.41)	4.135 (105.03)
STD Contour Maj. Diam. (Ref.)		5.134 (130.4)	5.130 (130.30)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.005 (-0.13)	0.010 (0.25)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

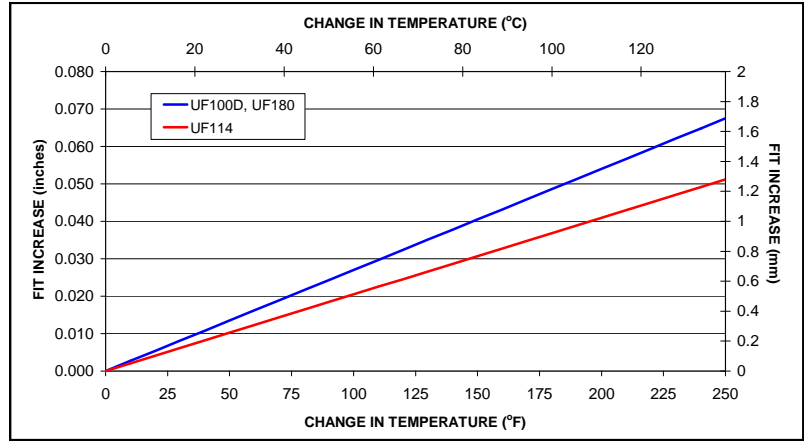
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.5
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	260.00 (6604)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	969 (440) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

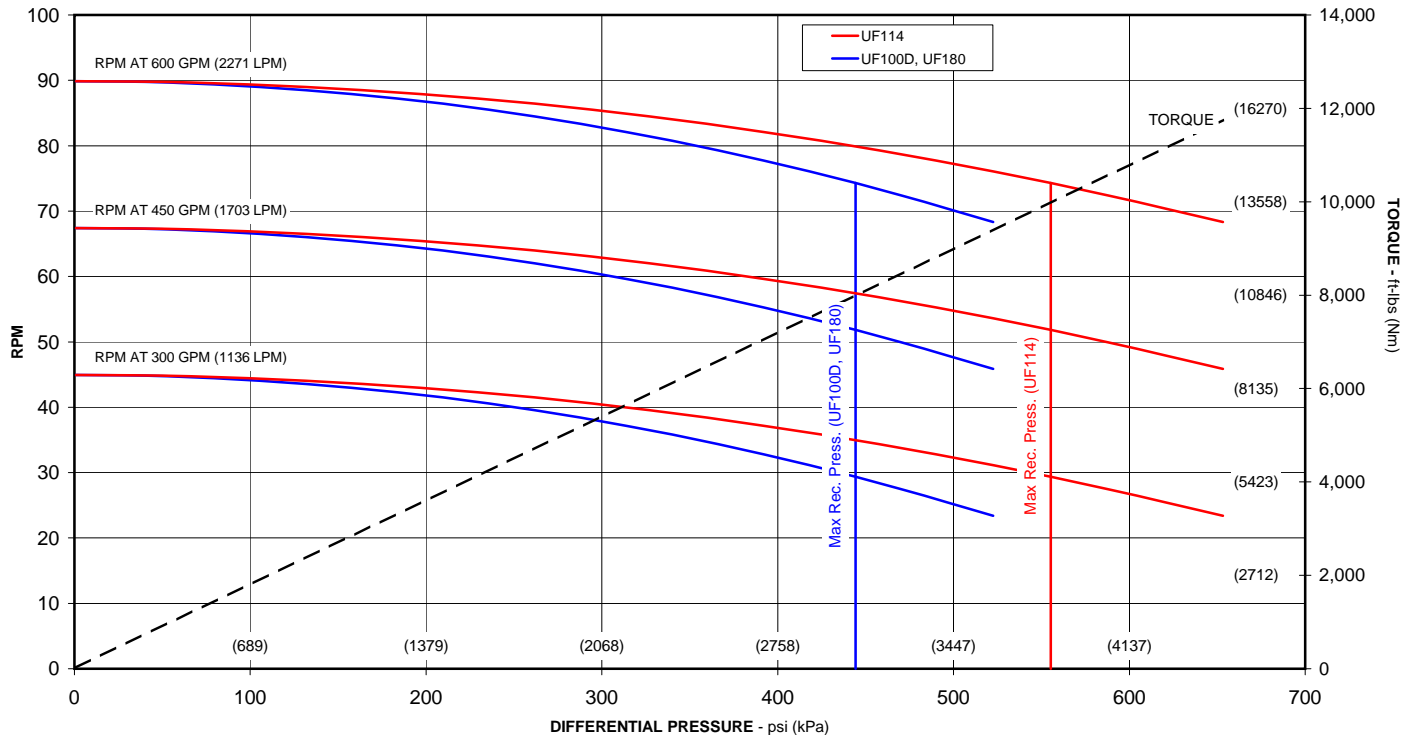
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	147 (1014) psi (kPa)
Off Bottom Speed:	0.15 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	141 (105) hp (kW)
(UF100D, UF180)	113 (84) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

650 / 675M7850 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	181.00 (4597)
Overall Length:	188.00 (4775)
Contour OD:	4.520 (114.81)
Eccentricity:	0.256 (6.50)
*Head OD:	4.000 (101.60)
Weight:	703 (319) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.988 (101.30)	3.972 (100.89)
STD Contour Maj. Diam. (Ref.)		5.000 (127.00)	4.995 (126.87)
Nominal Fit on Diameter			
	US	N/A	N/A
	STD	0.020 (0.51)	0.037 (0.94)
	OS	-0.006 (-0.15)	0.010 (0.25)
	2OS	-0.032 (-0.81)	-0.015 (-0.38)
	3OS	N/A	N/A

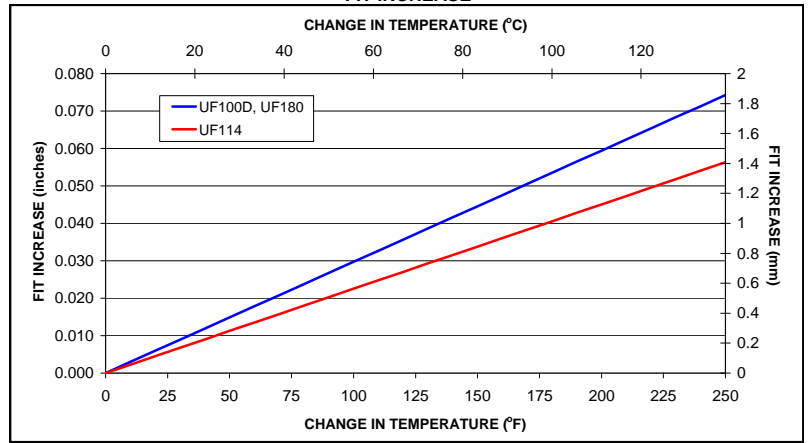
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	194.50 (4940)
Rubber Cut-back:	
Side 1:	7.25 (184)
Side 2:	7.25 (184)
Weight:	575 (261) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

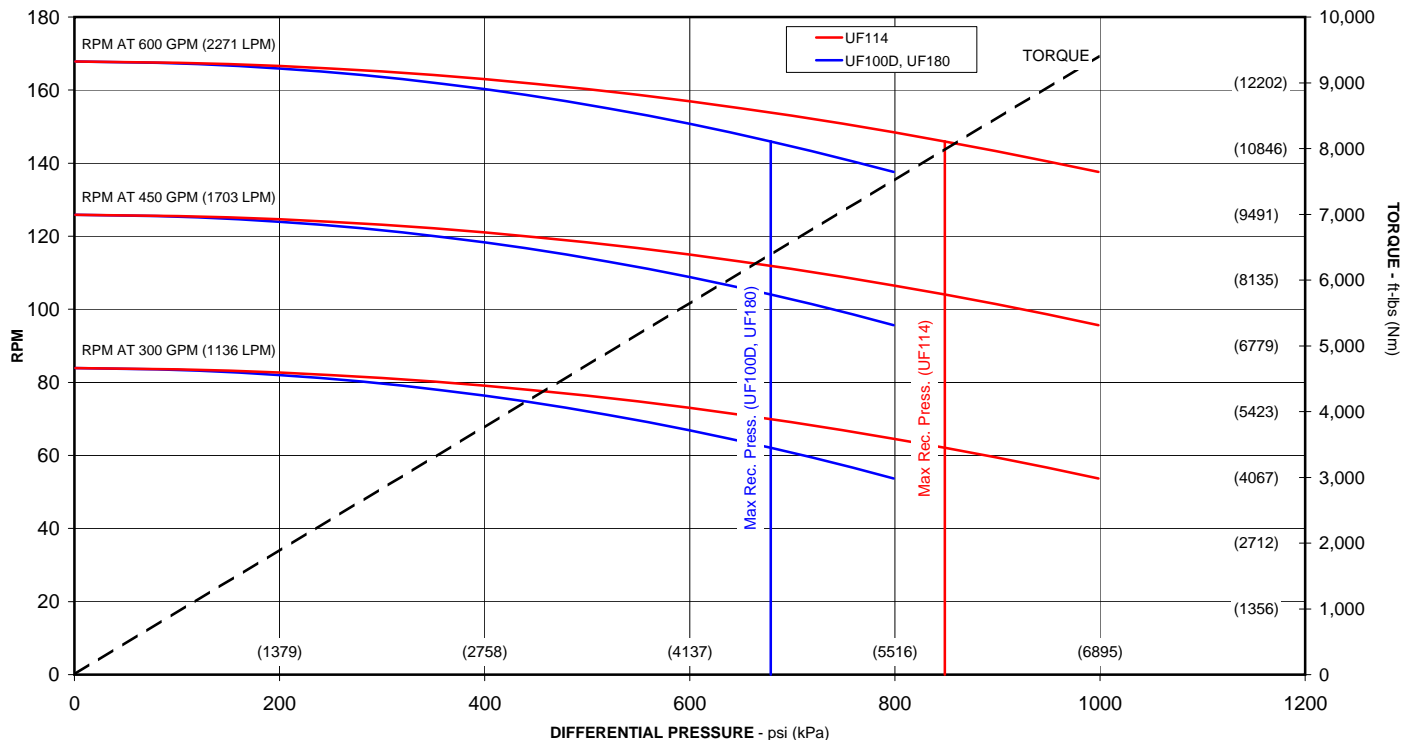
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	141 (972) psi (kPa)
Off Bottom Speed:	0.28 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	222 (166) hp (kW)
(UF100D, UF180)	178 (133) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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*Additional sizes are available upon request.

Note: All dimensions are subject to change without notification

Moyno® Power Sections

650 / 675M8930 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	111.10 (2822)
Overall Length:	118.50 (3010)
Contour OD:	4.600 (116.84)
Eccentricity:	0.244 (6.20)
*Head OD:	4.000 (101.60)
Weight:	503 (228) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	4.071 (103.40)	4.056 (103.02)	
STD Contour Maj. Diam. (Ref.)	5.060 (128.52)	5.055 (128.40)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.042 (1.07)	0.057 (1.45)
	OS	-0.002 (-0.05)	0.013 (0.33)
	2OS	N/A	N/A
	3OS	N/A	N/A

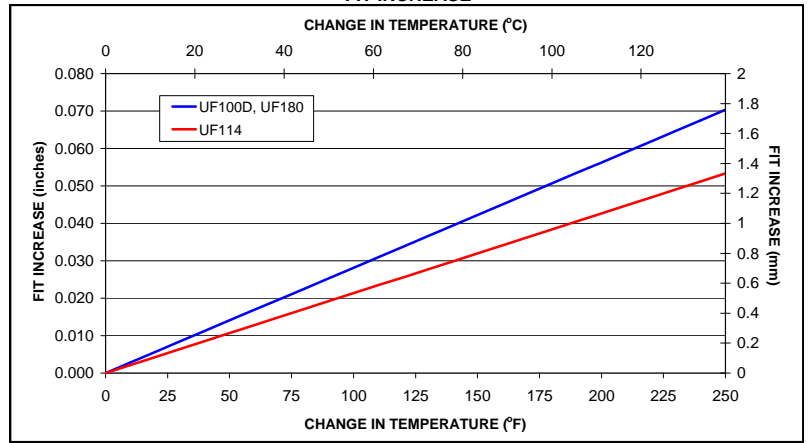
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.50 (139.7)
Overall Length:	125.00 (3175)
Rubber Cut-back:	
Side 1:	7.25 (184)
Side 2:	7.25 (184)
Weight:	355 (161) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

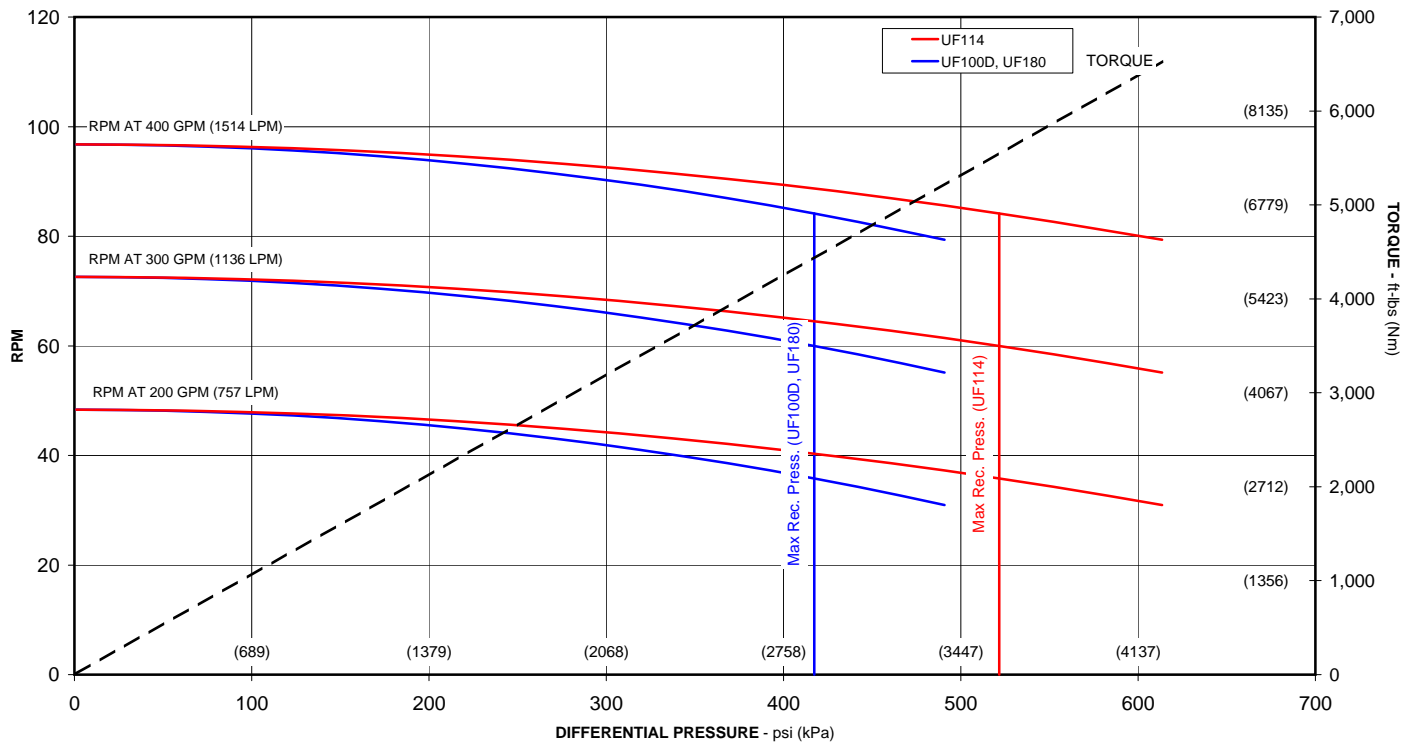
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	106 (731) psi (kPa)
Off Bottom Speed:	0.24 (0.06) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	89 (66) hp (kW)
(UF100D, UF180)	71 (53) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

650M91037 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	201.00 (5105)
Overall Length:	208.50 (5296)
Contour OD:	4.008 (101.8)
Eccentricity:	0.182 (4.62)
*Head OD:	4.100 (104.14)
Weight:	599 (272) lbs (kg)
*Thread Form:	2 7/8" API IF
Material:	17-4 SS Bar

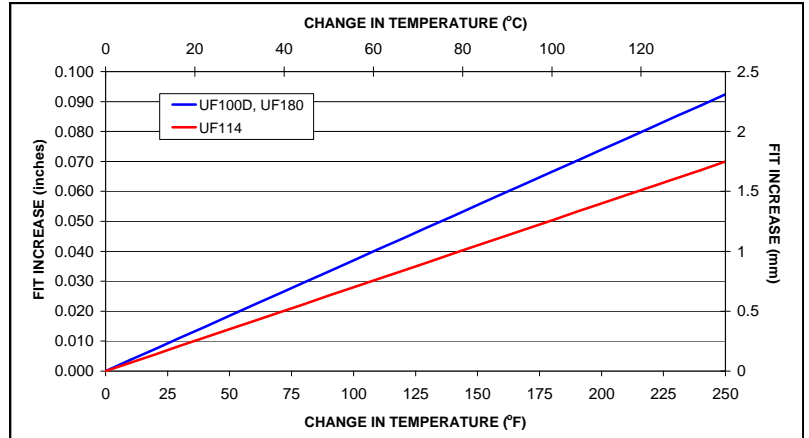
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.652 (92.76)	3.635 (92.33)
STD Contour Maj. Diam. (Ref.)		4.375 (111.13)	4.366 (110.9)
Nominal Fit on Diameter			
	US	N/A	N/A
	STD	-0.009 (-0.23)	0.009 (0.23)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.7
Nominal Tube OD:	6.50 (165.10)
Nominal Tube ID:	5.50 (139.7)
Overall Length:	214.50 (5448)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	672 (305) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

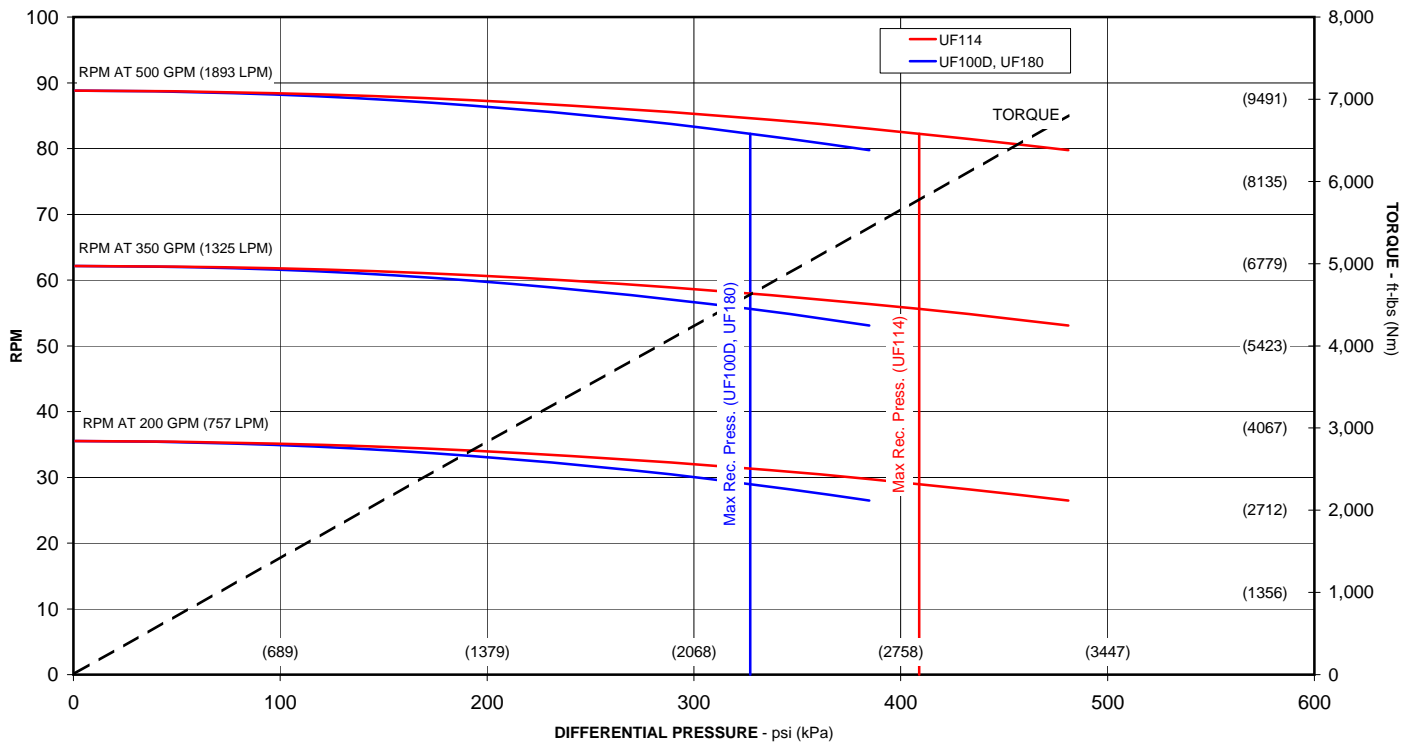
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	201 (1386) psi (kPa)
Off Bottom Speed:	0.18 (0.05) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	91 (68) hp (kW)
(UF100D, UF180)	72 (54) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Note: All dimensions are subject to change without notification

Moyno® Power Sections

650M91040 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	139.00 (3531)
Overall Length:	146.50 (3721)
Contour OD:	4.012 (101.90)
Eccentricity:	0.179 (4.55)
*Head OD:	4.100 (104.14)
Weight:	430 (195) lbs (kg)
*Thread Form:	2 7/8" API IF
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.664 (93.07)	3.648 (92.66)
STD Contour Maj. Diam. (Ref.)		4.381 (111.28)	4.373 (111.07)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.011 (-0.28)	0.005 (0.13)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

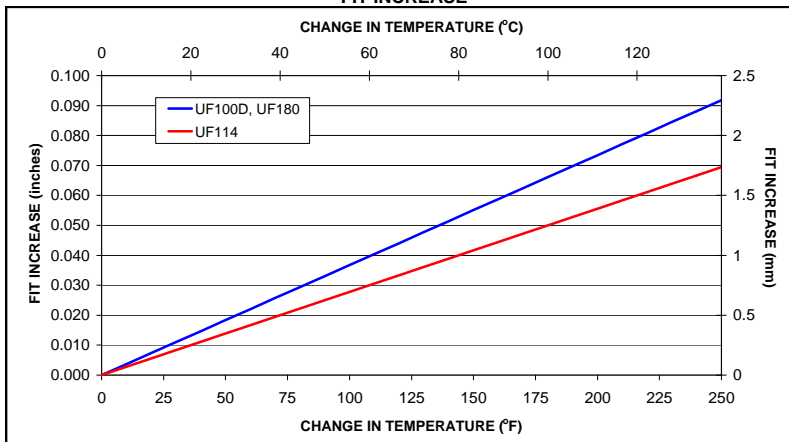
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	6.50 (165.10)
Nominal Tube ID:	5.50 (139.7)
Overall Length:	152.00 (3861)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	472 (214) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

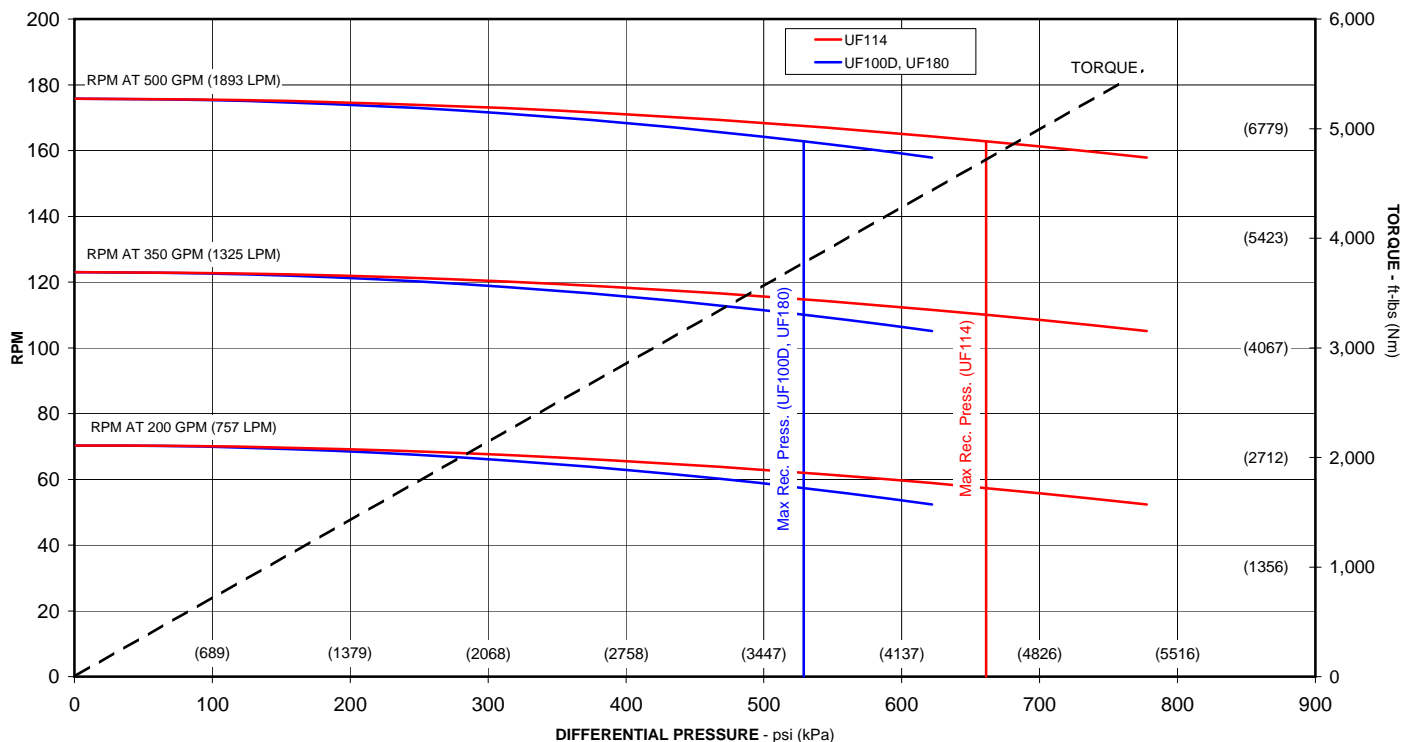
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	199 (1372) psi (kPa)
Off Bottom Speed:	0.35 (0.09) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	146 (109) hp (kW)
(UF100D, UF180)	117 (87)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

675 / 700M7821-HTS SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	213.00 (5410)
Overall Length:	221.00 (5613)
Contour OD:	4.265 (108.33)
Eccentricity:	0.224 (5.69)
*Head OD:	4.000 (101.60)
Weight:	672 (305) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

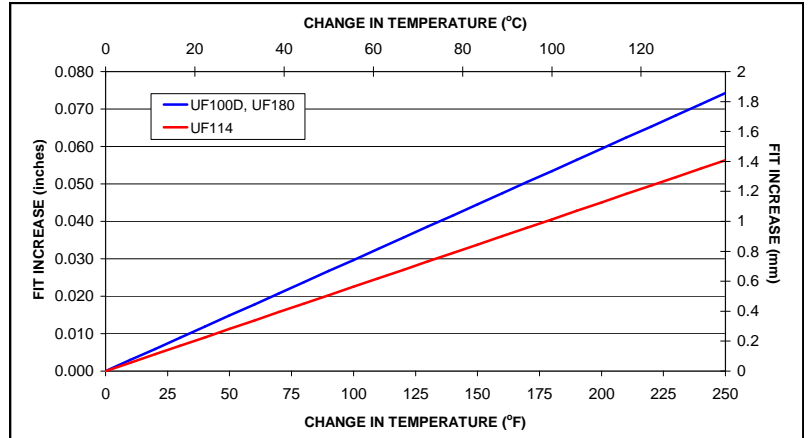
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.825 (97.16)	3.808 (96.72)
STD Contour Maj. Diam. (Ref.)		4.719 (119.86)	4.712 (119.68)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.007 (-0.18)	0.010 (0.25)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	2.1
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.310 (134.87)
Overall Length:	230.00 (5842)
Rubber Cut-back:	
Side 1:	9.00 (229)
Side 2:	9.00 (229)
Weight:	967 (439) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

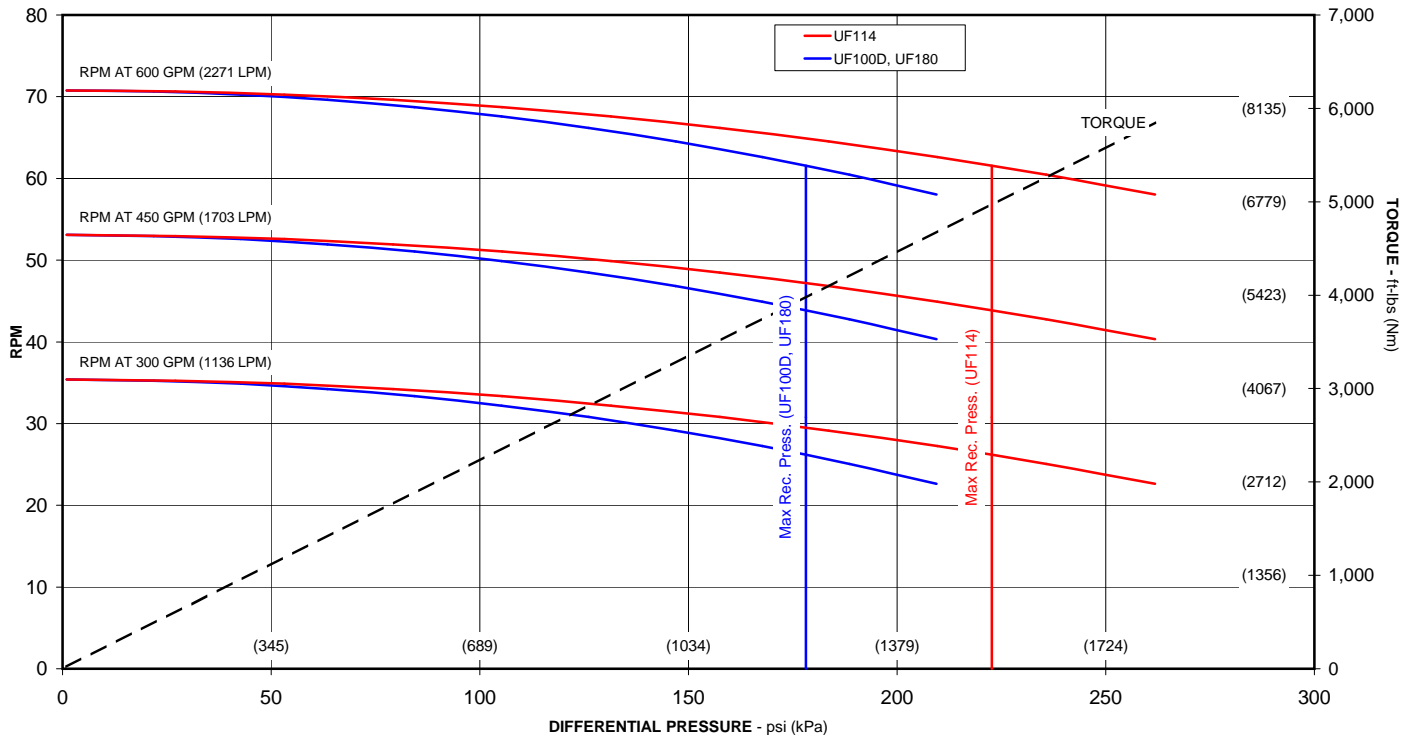
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	170 (1172) psi (kPa)
Off Bottom Speed:	0.12 (0.03) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	58 (43) hp (kW)
(UF100D, UF180)	47 (35) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

650 / 675 / 700M7833-HTS SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	231.10 (5870)
Overall Length:	238.50 (6058)
Contour OD:	4.500 (114.30)
Eccentricity:	0.255 (6.48)
*Head OD:	4.000 (101.60)
Weight:	889 (403) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

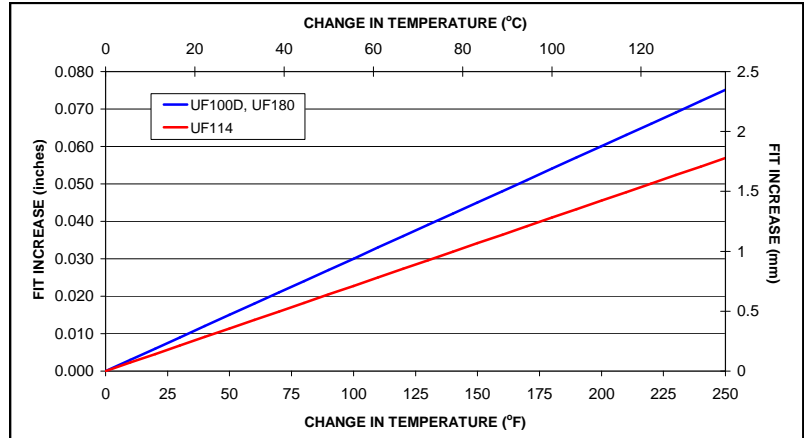
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.980 (101.09)	3.964 (100.69)
STD Contour Maj. Diam. (Ref.)		4.997 (126.92)	4.992 (126.80)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.026 (0.66)
	OS	-0.026 (-0.66)	-0.010 (-0.25)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.3
Nominal Tube OD:	6.500 (165.10)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	245.00 (6223)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	725 (329) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

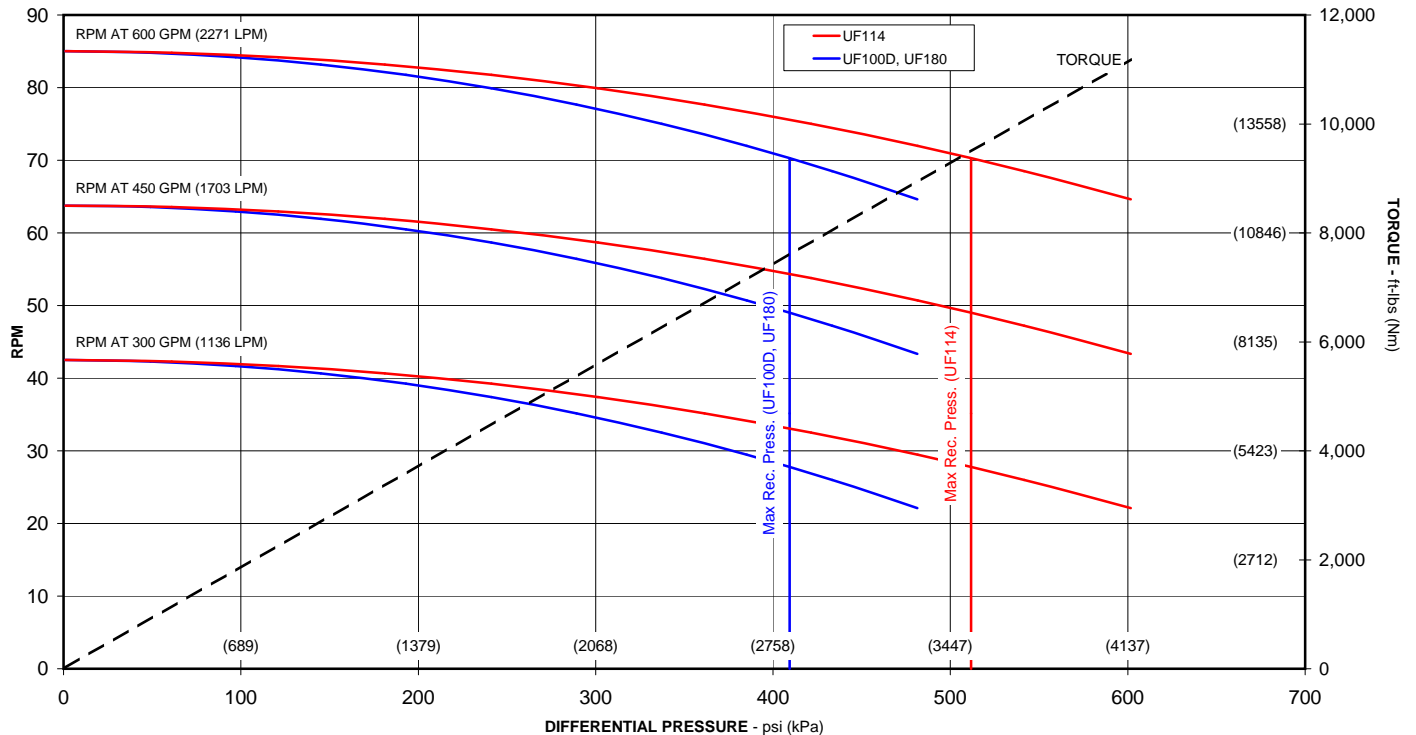
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	137 (945) psi (kPa)
Off Bottom Speed:	0.14 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	127 (95) hp (kW)
(UF100D, UF180)	102 (76) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

675 / 700M7857 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	245.00 (6223)
Overall Length:	252.00 (6401)
Contour OD:	4.647 (118.03)
Eccentricity:	0.247 (6.27)
*Head OD:	4.500 (114.30)
Weight:	925 (420) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

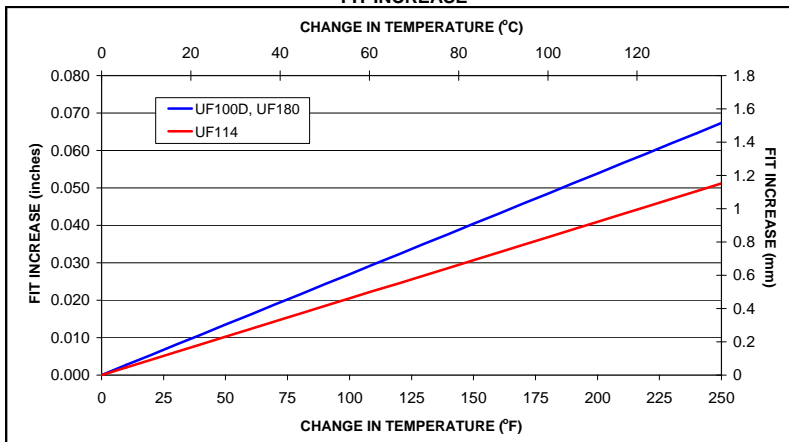
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.153 (105.49)	4.135 (105.03)
STD Contour Maj. Diam. (Ref.)		5.141 (130.58)	5.134 (130.40)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.000 (0.00)	0.018 (0.46)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.7
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	260 (6604)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	964 (437) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

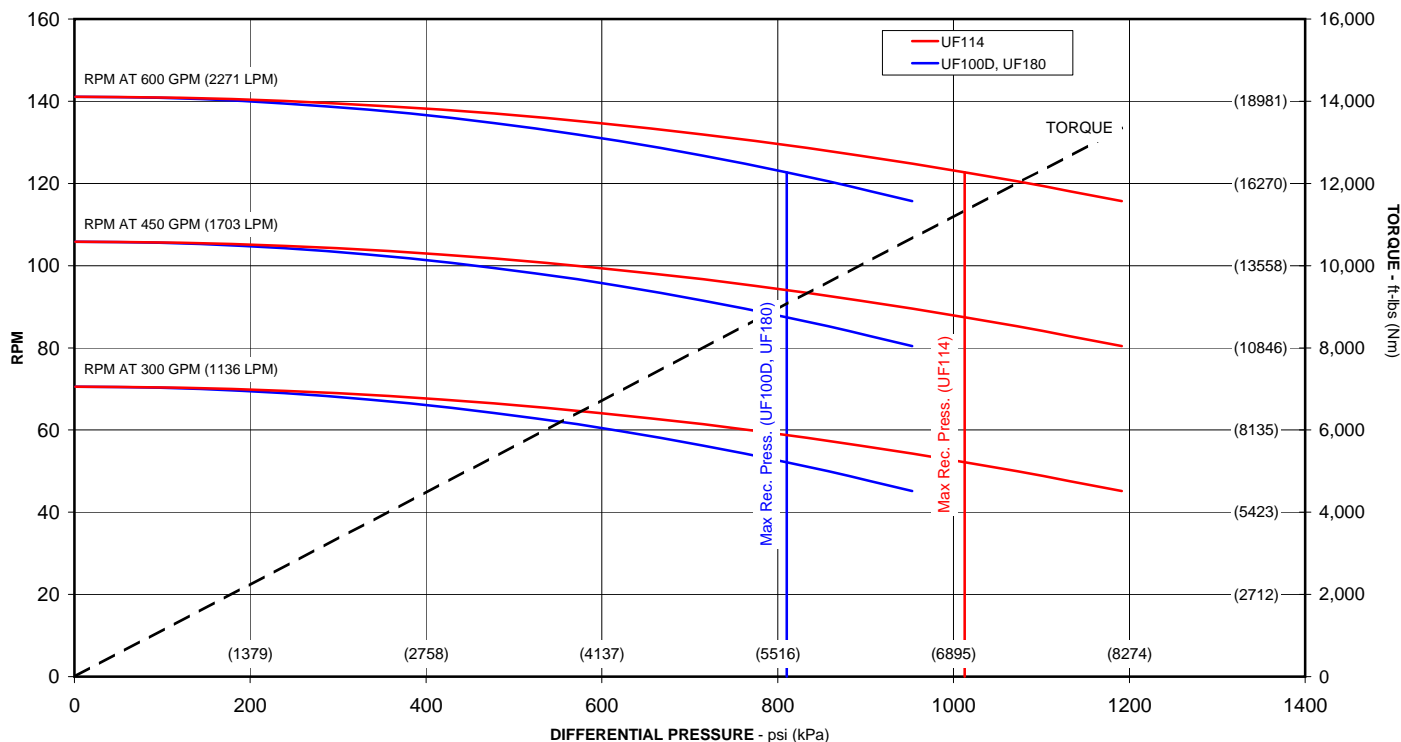
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	143 (986) psi (kPa)
Off Bottom Speed:	0.24 (0.06) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	265 (198) hp (kW)
(UF100D, UF180)	212 (158) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

675 / 700M7864 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	231.50 (5880)
Overall Length:	238.50 (6058)
Contour OD:	4.520 (114.81)
Eccentricity:	0.256 (6.50)
*Head OD:	4.000 (101.60)
Weight:	892 (405) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

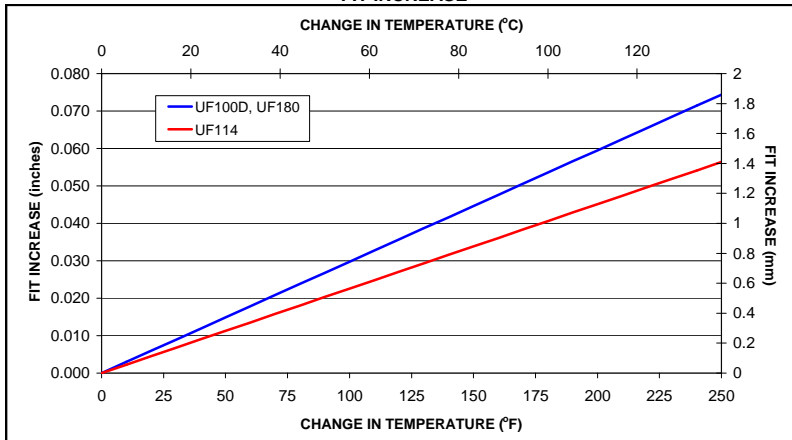
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	3.997 (101.52)	3.981 (101.12)	
STD Contour Maj. Diam. (Ref.)	5.002 (127.05)	4.997 (126.92)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.011 (0.28)	0.027 (0.69)
	OS	-0.019 (-0.48)	-0.003 (-0.08)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	6.4
Nominal Tube OD:	6.750 (171.45)
Nominal Tube ID:	5.500 (139.70)
Overall Length:	245.00 (6223)
Rubber Cut-back:	
Side 1:	7.25 (184)
Side 2:	7.25 (184)
Weight:	908 (412) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

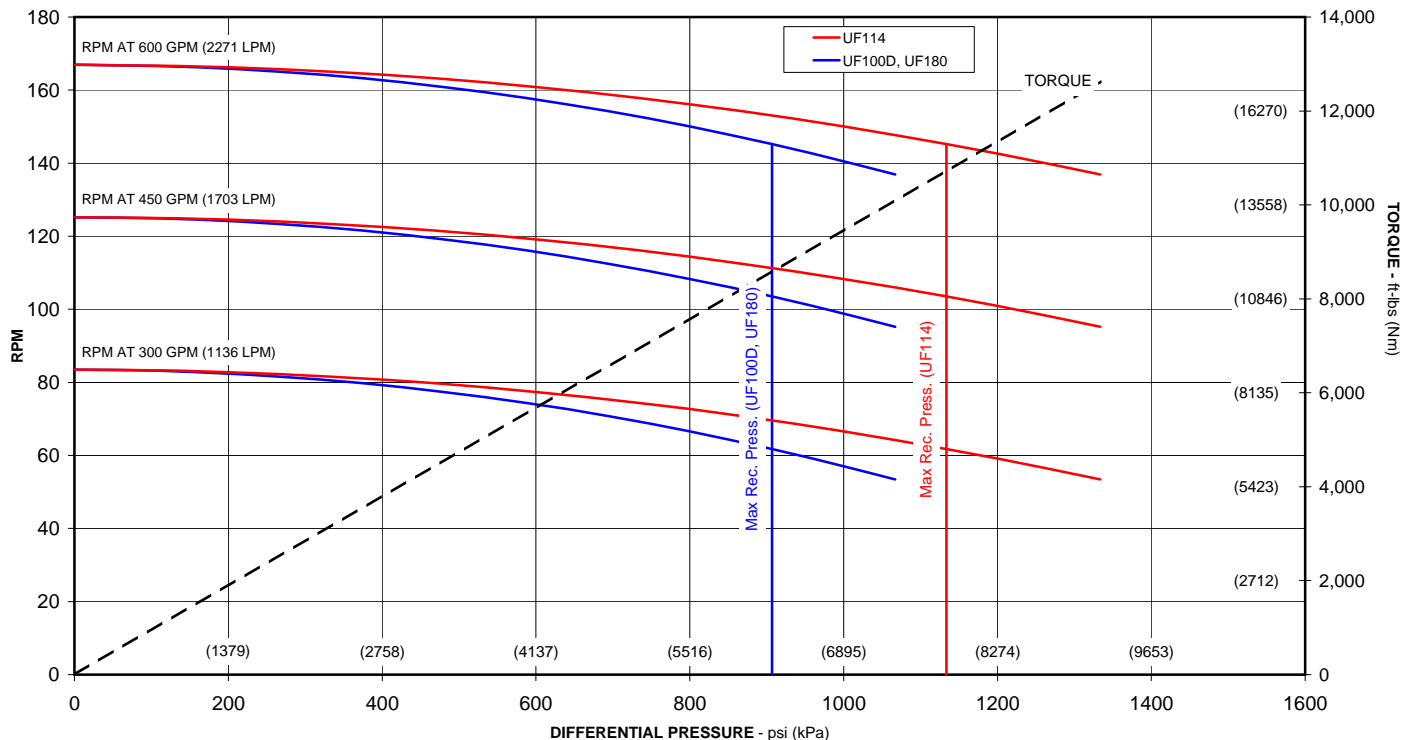
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	143 (986) psi (kPa)
Off Bottom Speed:	0.28 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	297 (221) hp (kW)
(UF100D, UF180)	238 (177) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

700M7875 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	224.00 (5690)
Overall Length:	233.00 (5918)
Contour OD:	4.606 (116.99)
Eccentricity:	0.258 (6.55)
*Head OD:	4.380 (111.25)
Weight:	868 (394) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

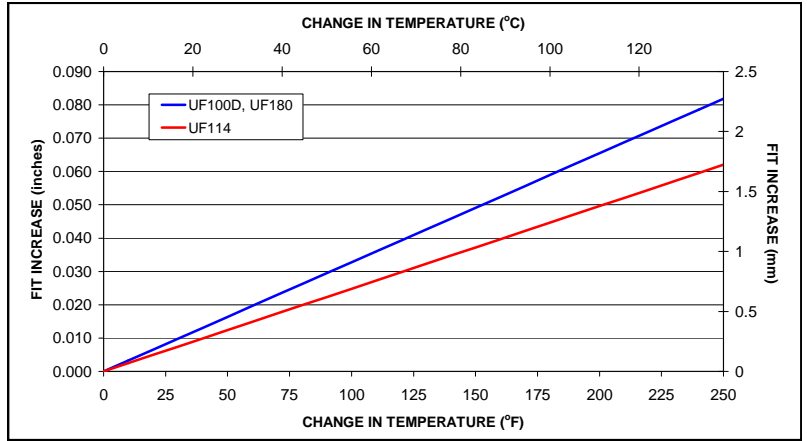
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114
OS Contour Min. Diam.	4.113 (104.47)	4.096 (104.04)
OS Contour Maj. Diam. (Ref.)	5.124 (130.15)	5.118 (130.00)
Nominal Fit on Diameter		
US	N/A	N/A
STD	N/A	N/A
OS	-0.024 (-0.61)	-0.006 (-0.15)
2OS	N/A	N/A
3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	7.5
Nominal Tube OD:	7.000 (177.80)
Nominal Tube ID:	5.750 (146.05)
Overall Length:	246.00 (6248)
Rubber Cut-back:	
Side 1:	9.25 (235)
Side 2:	9.25 (235)
Weight:	968 (439) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

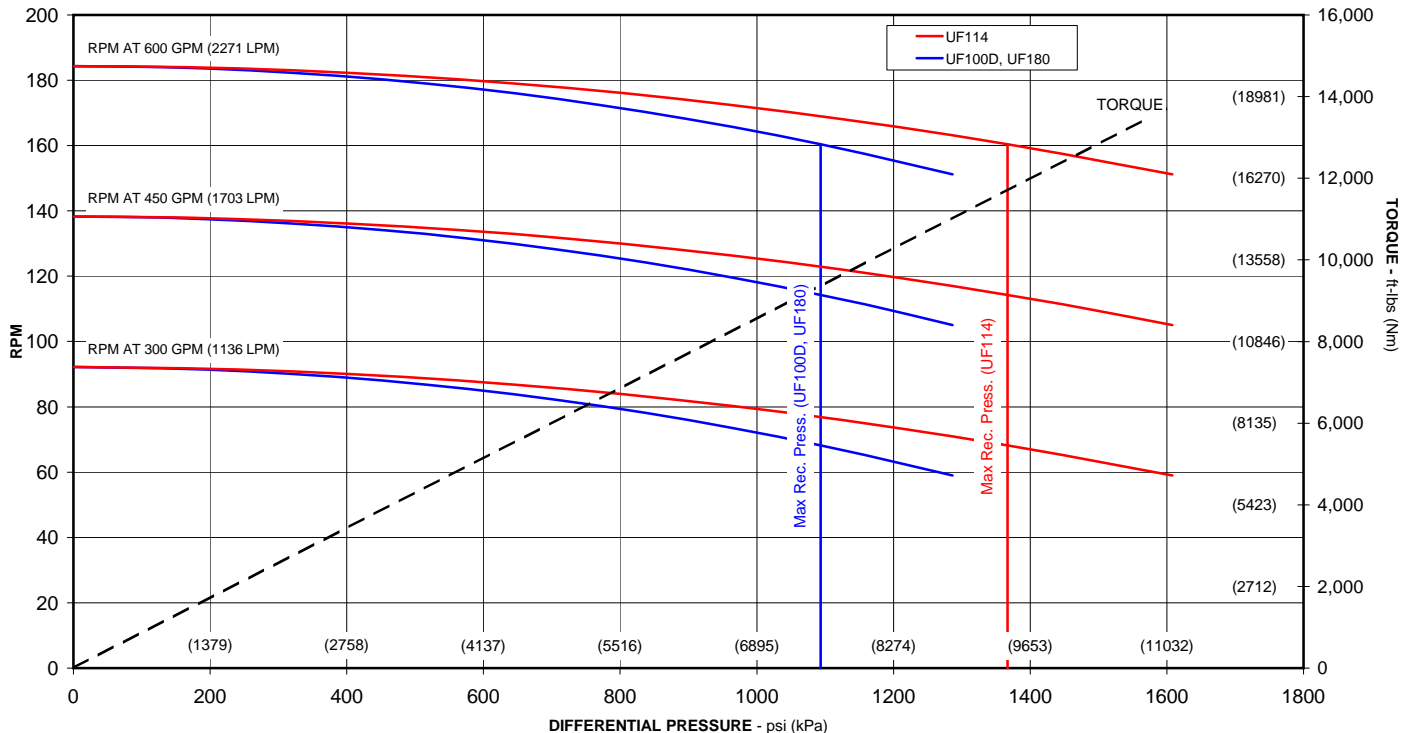
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	141 (972) psi (kPa)
Off Bottom Speed:	0.31 (0.08) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	358 (267) hp (kW)
(UF100D, UF180)	286 (213) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

725M5650 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	164.00 (4166)
Overall Length:	171.00 (4343)
Contour OD:	4.745 (120.52)
Eccentricity:	0.338 (8.59)
*Head OD:	4.000 (101.60)
Weight:	629 (285) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.050 (102.87)	4.024 (102.21)
STD Contour Maj. Diam. (Ref.)		5.387 (136.83)	5.379 (136.63)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.020 (0.51)	0.046 (1.17)
	OS	-0.028 (-0.71)	-0.007 (-0.18)
	2OS	N/A	N/A
	3OS	N/A	N/A

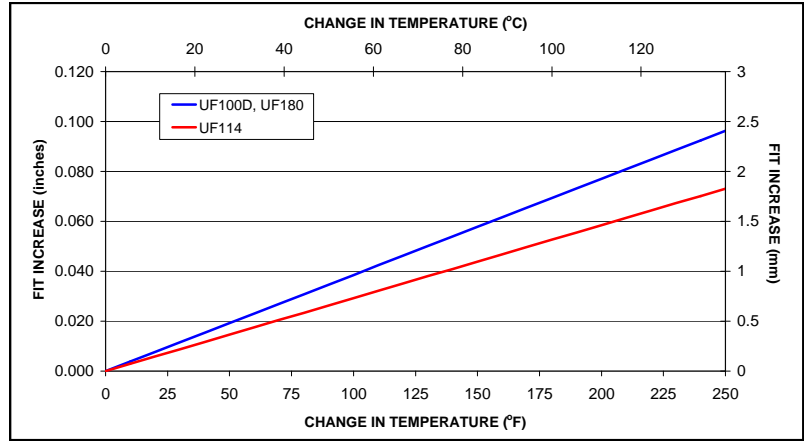
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	7.250 (184.15)
Nominal Tube ID:	6.000 (152.40)
Overall Length:	178.00 (4521)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	731 (332) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

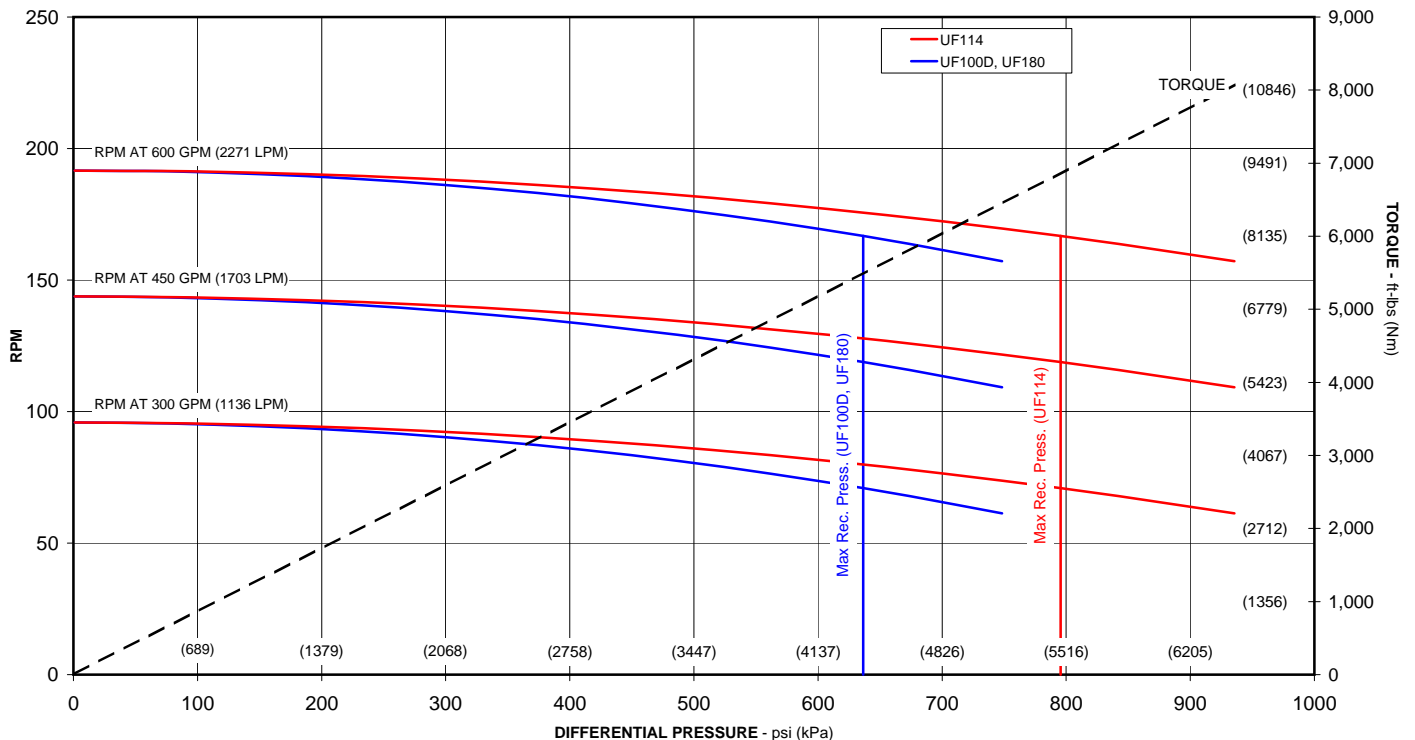
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	121 (834) psi (kPa)
Off Bottom Speed:	0.32 (0.08) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	218 (163) hp (kW)
(UF100D, UF180)	174 (130)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Note: All dimensions are subject to change without notification

Moyno® Power Sections

725M7877 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	231.00 (5867)
Overall Length:	238.64 (6061)
Contour OD:	4.862 (123.49)
Eccentricity:	0.269 (6.83)
*Head OD:	4.500 (114.30)
Weight:	980 (445) lbs (kg)
*Thread Form:	3 1/2" API IF
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	4.300 (109.22)	4.281 (108.74)	
STD Contour Maj. Diam. (Ref.)	5.375 (136.53)	5.369 (136.37)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.025 (0.64)	0.044 (1.12)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

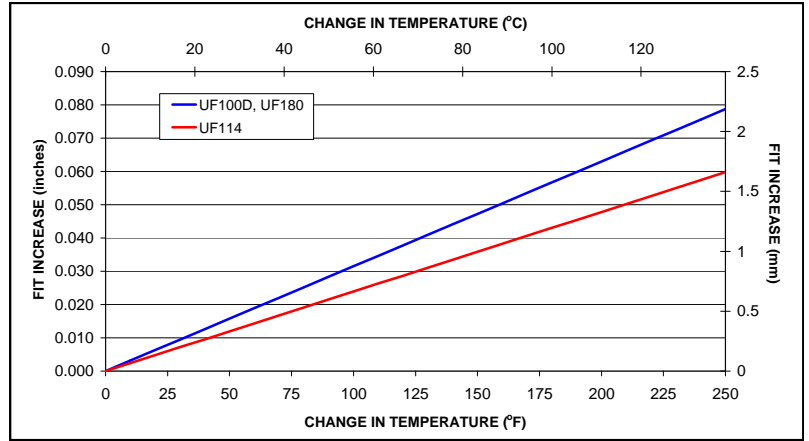
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	7.7
Nominal Tube OD:	7.250 (184.15)
Nominal Tube ID:	5.875 (149.23)
Overall Length:	245.00 (6223)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	1069 (485) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

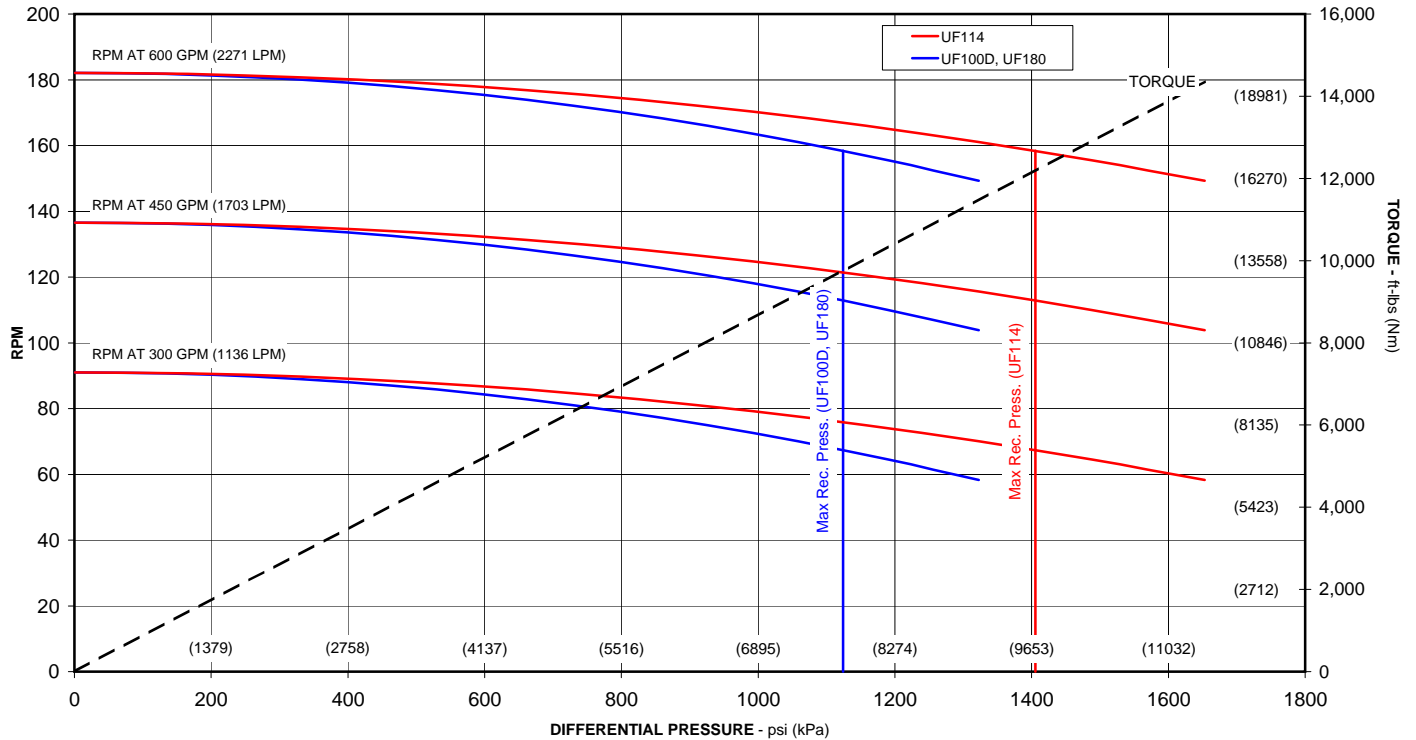
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	138 (951) psi (kPa)
Off Bottom Speed:	0.3 (0.08) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	368 (274) hp (kW)
(UF100D, UF180)	294 (219) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

775 / 800M1230 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	132.50 (3366)
Overall Length:	138.87 (3527)
Contour OD:	4.360 (110.74)
Eccentricity:	0.630 (16.00)
*Head OD:	3.750 (95.25)
Weight:	207 (94) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.038 (77.17)	3.004 (76.30)
STD Contour Maj. Diam. (Ref.)		5.579 (141.71)	5.572 (141.53)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.062 (1.57)	0.096 (2.44)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

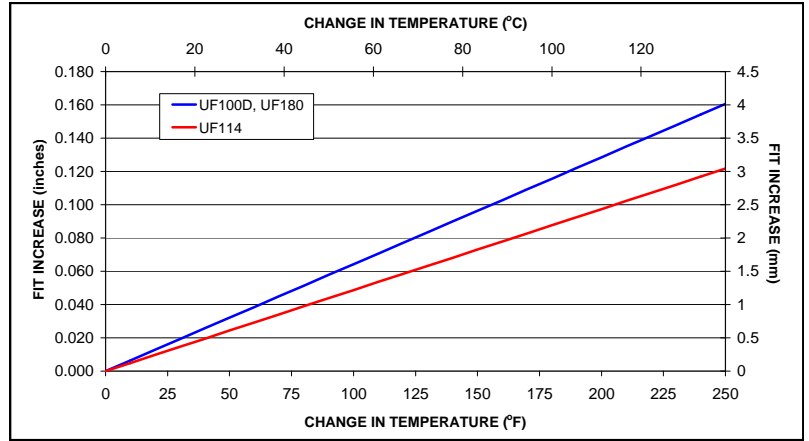
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	7.750 (196.85)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	147.00 (3734)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	775 (352) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

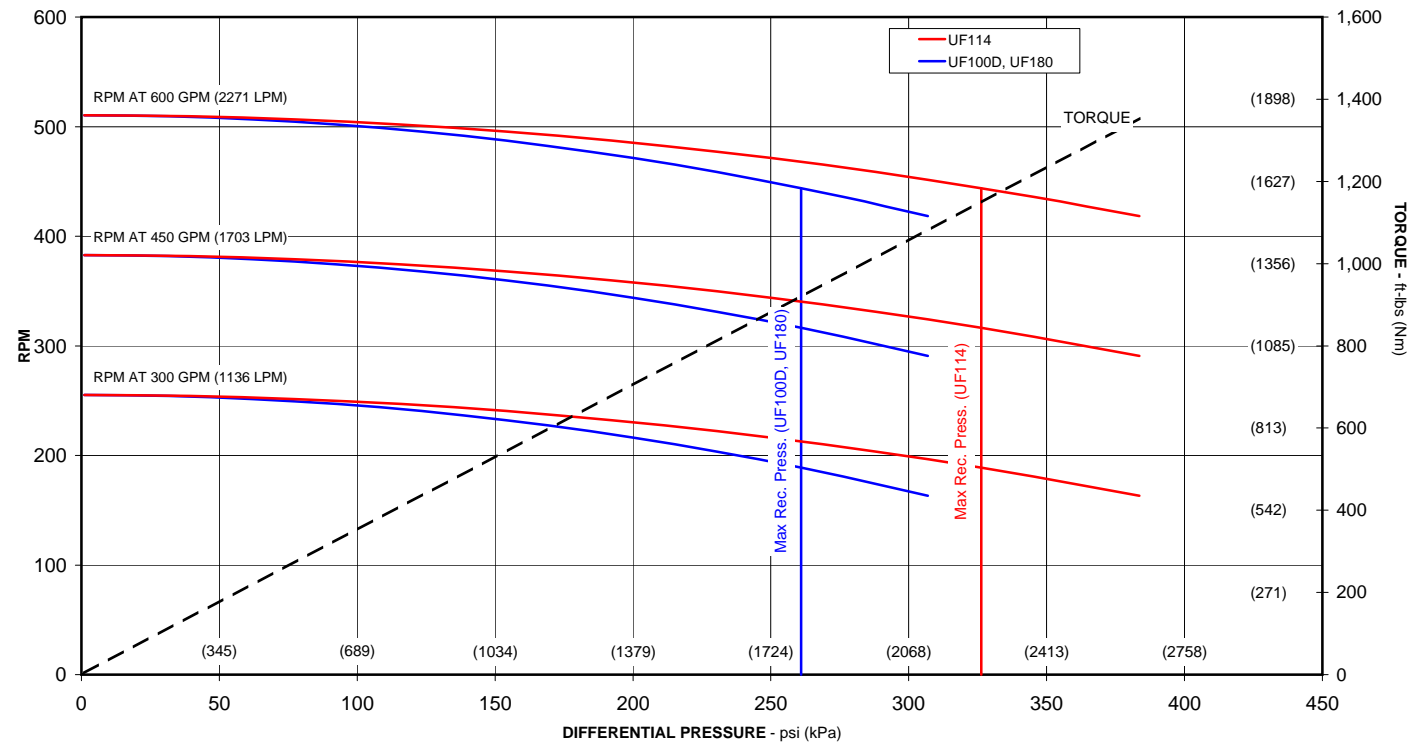
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	114 (786) psi (kPa)
Off Bottom Speed:	0.85 (0.22) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	97 (72) hp (kW)
(UF100D, UF180)	78 (58) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

775 / 800M1240 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	172.50 (4382)
Overall Length:	178.87 (4543)
Contour OD:	4.360 (110.74)
Eccentricity:	0.630 (16.00)
*Head OD:	3.750 (95.25)
Weight:	263 (119) lbs (kg)
*Thread Form:	2 7/8" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.038 (77.17)	3.004 (76.30)
STD Contour Maj. Diam. (Ref.)		5.579 (141.71)	5.572 (141.53)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.062 (1.57)	0.096 (2.44)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

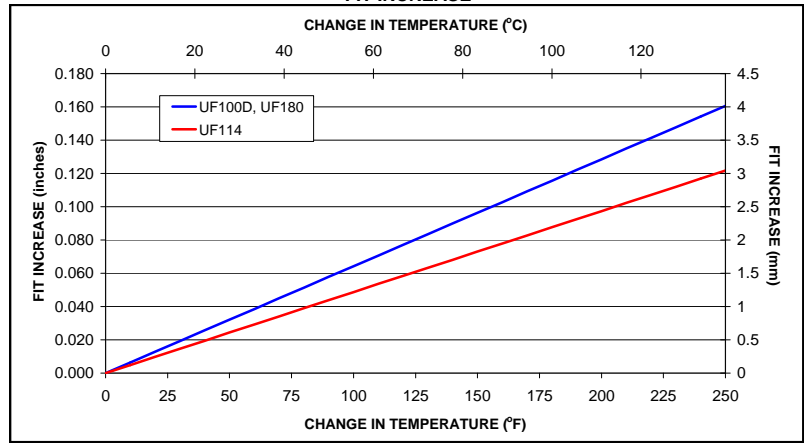
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	7.750 (196.85)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	187.00 (4750)
Rubber Cut-back:	
Side 1:	7.50 (191)
Side 2:	7.50 (191)
Weight:	989 (449) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

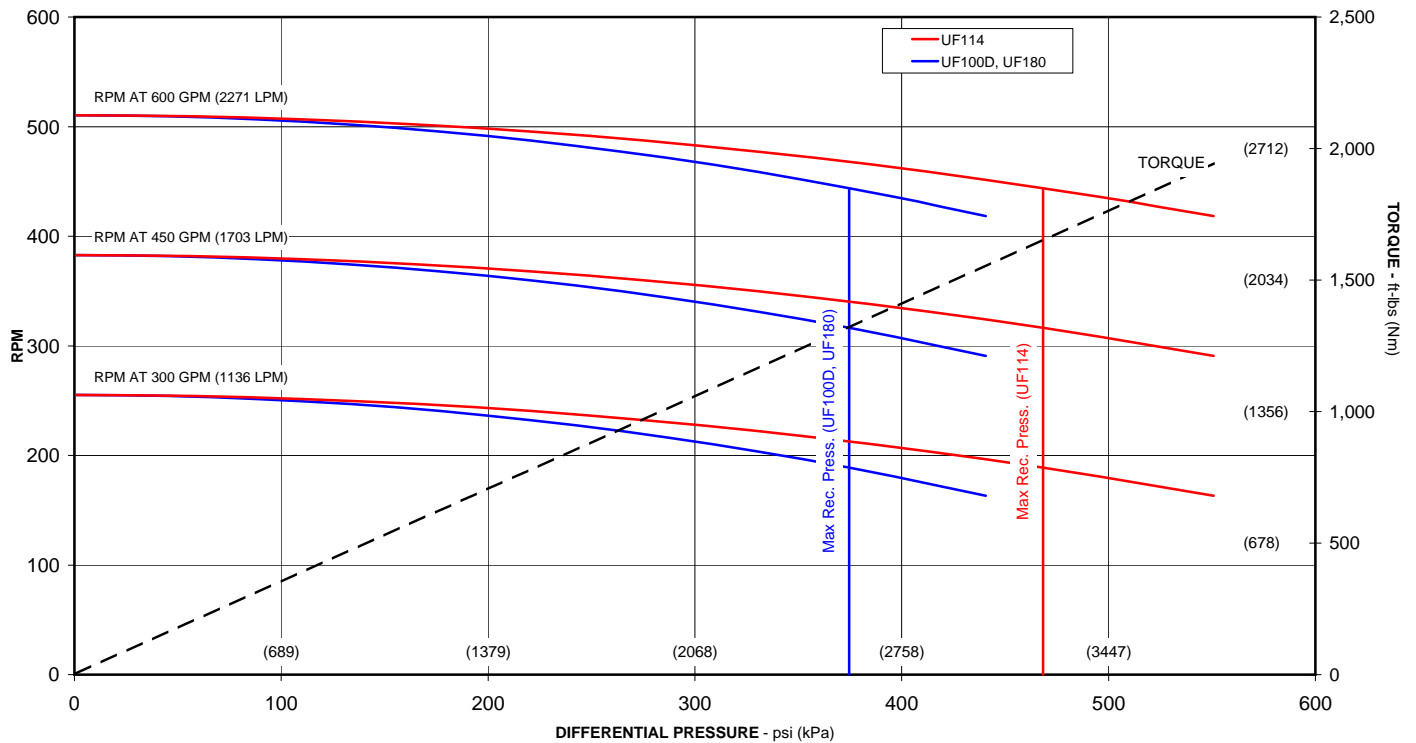
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	114 (786) psi (kPa)
Off Bottom Speed:	0.85 (0.22) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	140 (104) hp (kW)
(UF100D, UF180)	112 (84) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

800M4533 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	132.07 (3355)
Overall Length:	146.00 (3708)
Contour OD:	4.856 (123.34)
Eccentricity:	0.408 (10.36)
*Head OD:	4.550 (115.57)
Weight:	558 (253) lbs (kg)
*Thread Form:	3 1/2" API Reg
Material:	17-4 SS Bar

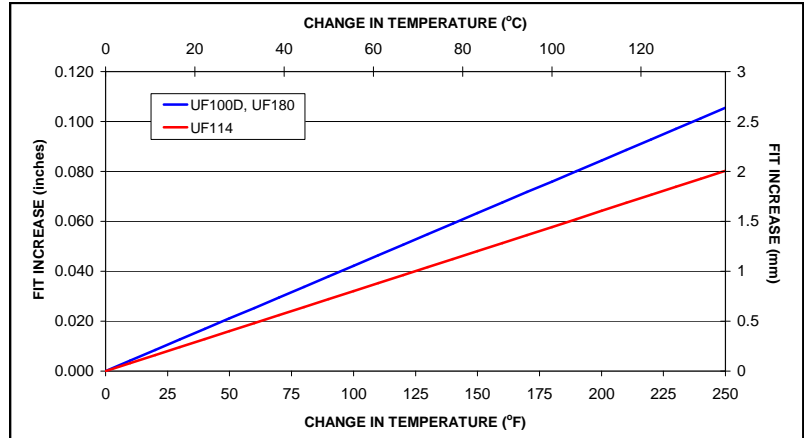
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.030 (102.36)	4.001 (101.63)
STD Contour Maj. Diam. (Ref.)		5.643 (143.33)	5.636 (143.15)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.039 (0.99)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.3
Nominal Tube OD:	8.000 (203.20)
Nominal Tube ID:	6.140 (155.96)
Overall Length:	150.00 (3810)
Rubber Cut-back:	
Side 1:	8.50 (216)
Side 2:	8.50 (216)
Weight:	939 (426) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

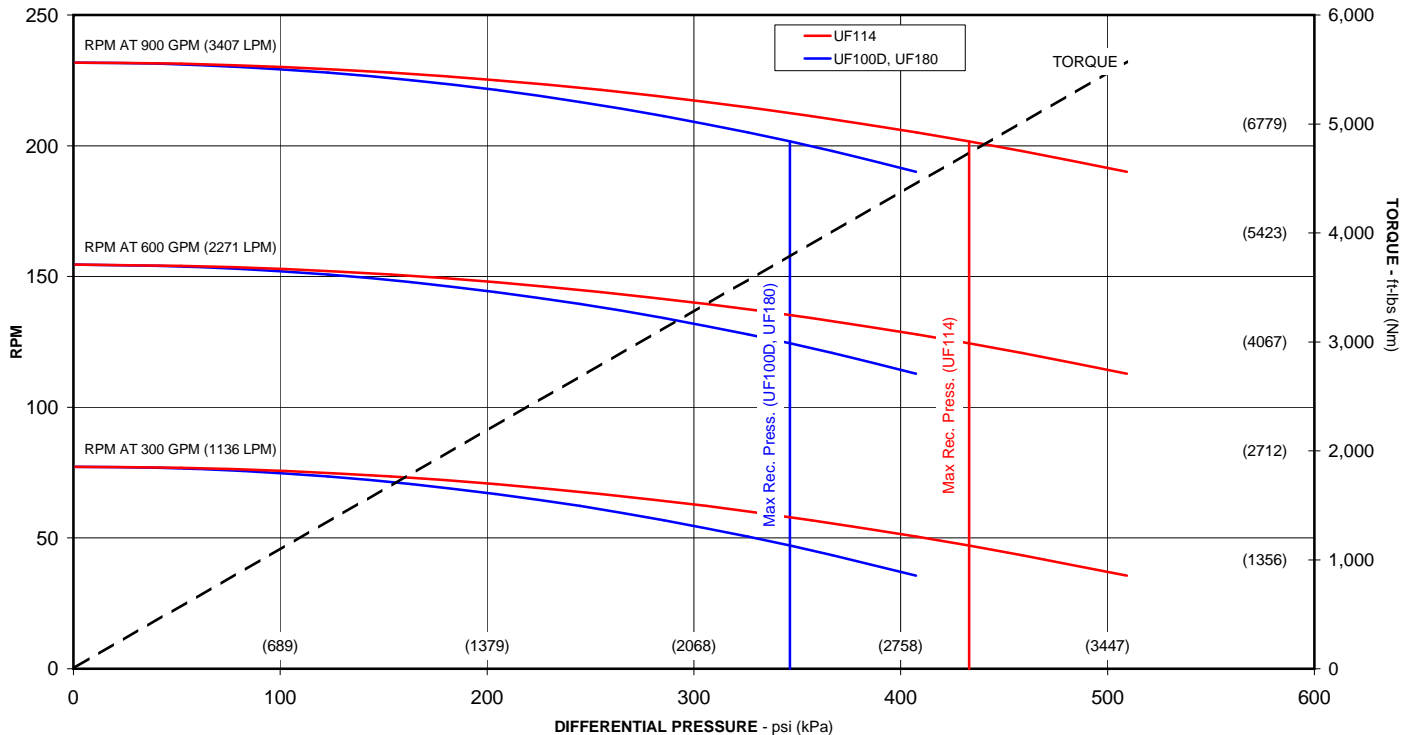
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	134 (924) psi (kPa)
Off Bottom Speed:	0.26 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	182 (136) hp (kW)
(UF100D, UF180)	146 (109) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

775 / 800M4536 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	145.00 (3683)
Overall Length:	153.00 (3886)
Contour OD:	4.940 (125.48)
Eccentricity:	0.415 (10.54)
*Head OD:	4.750 (120.65)
Weight:	601 (273) lbs (kg)
*Thread Form:	3 1/2" API IF
Material:	17-4 SS Bar

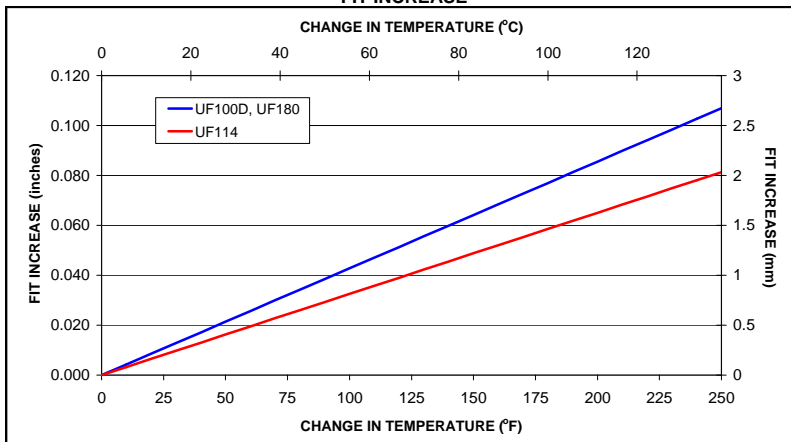
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.089 (103.86)	4.059 (103.10)
STD Contour Maj. Diam. (Ref.)		5.735 (145.67)	5.728 (145.49)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.021 (0.53)	0.051 (1.30)
	OS	-0.024 (-0.61)	0.006 (0.15)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.6
Nominal Tube OD:	7.750 (196.85)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	160.00 (4064)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	816 (370) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

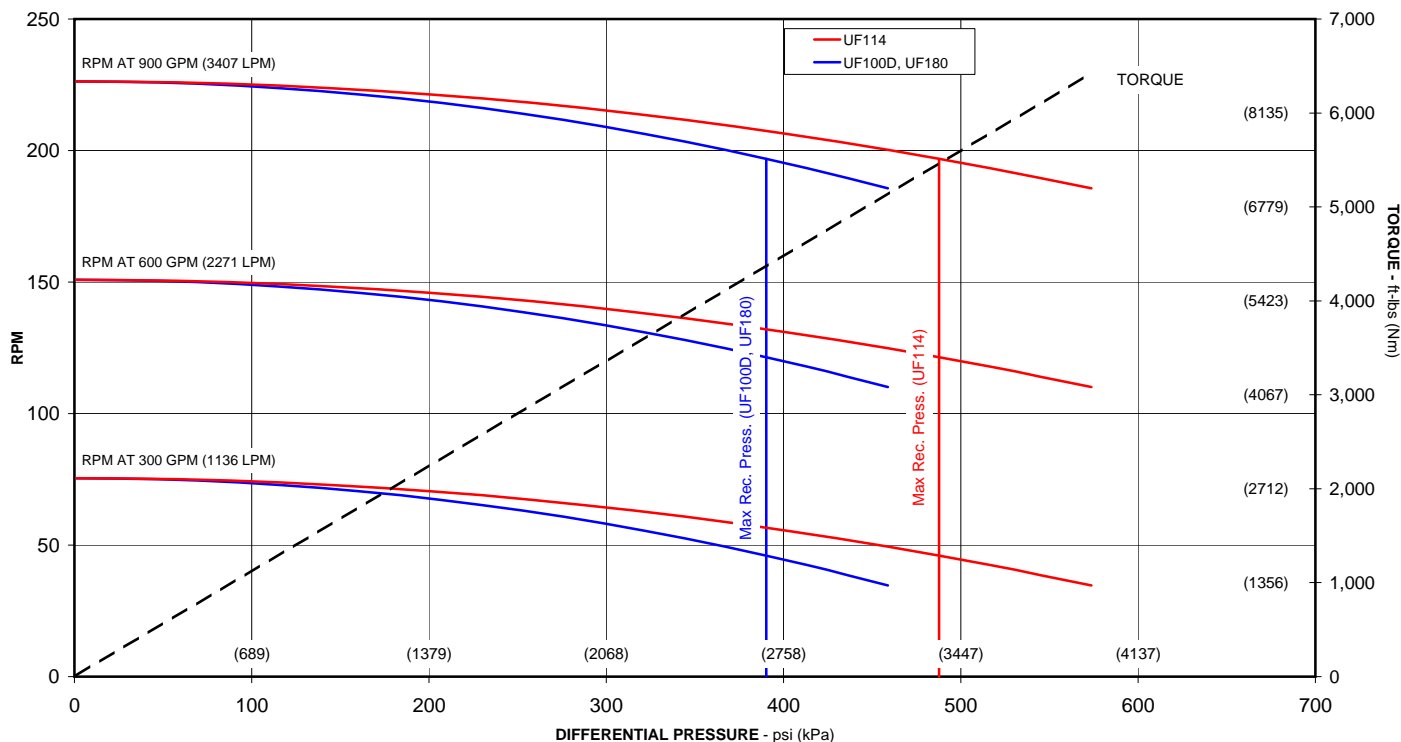
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	130 (896) psi (kPa)
Off Bottom Speed:	0.25 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	205 (153) hp (kW)
(UF100D, UF180)	164 (122) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

775 / 800M4553 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	213.00 (5410)
Overall Length:	221.00 (5613)
Contour OD:	4.940 (125.48)
Eccentricity:	0.415 (10.54)
*Head OD:	4.750 (120.65)
Weight:	865 (392) lbs (kg)
*Thread Form:	3 1/2" API IF
Material:	17-4 SS Bar

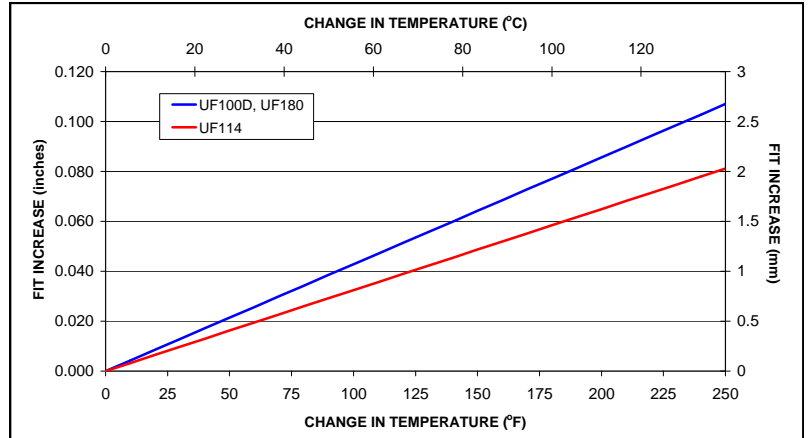
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.088 (103.84)	4.065 (103.25)
STD Contour Maj. Diam. (Ref.)		5.735 (145.67)	5.729 (145.52)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.022 (0.56)	0.045 (1.14)
	OS	-0.021 (-0.53)	0.002 (0.05)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.3
Nominal Tube OD:	7.750 (196.85)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	228.00 (5791)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	1167 (529) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

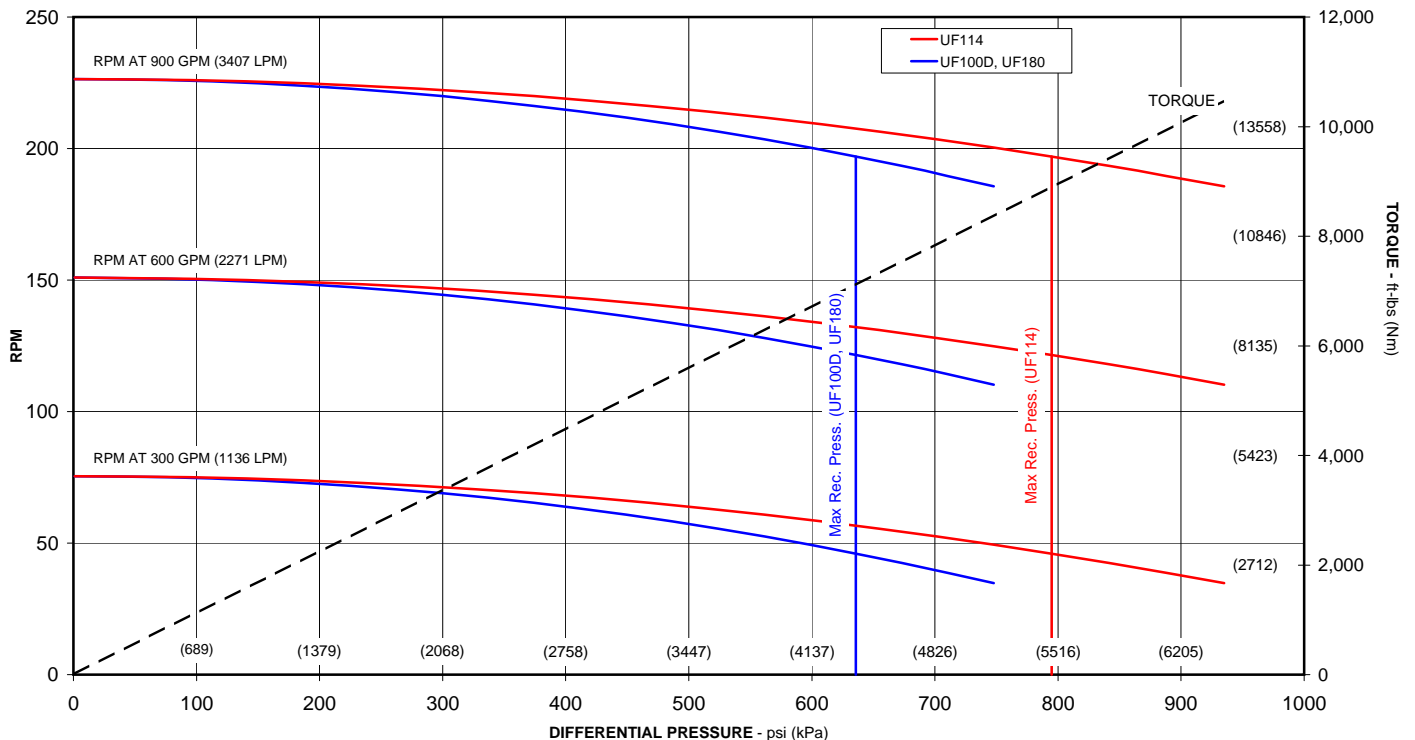
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	130 (896) psi (kPa)
Off Bottom Speed:	0.25 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	334 (249) hp (kW)
(UF100D, UF180)	267 (199) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

775M6740 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	122.90 (3122)
Overall Length:	130.00 (3302)
Contour OD:	5.108 (129.74)
Eccentricity:	0.327 (8.31)
*Head OD:	4.500 (114.30)
Weight:	608 (276) lbs (kg)
*Thread Form:	3 1/2" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	4.419 (112.24)	4.400 (111.76)	
STD Contour Maj. Diam. (Ref.)	5.693 (144.60)	5.687 (144.45)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.036 (0.91)	0.055 (1.40)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

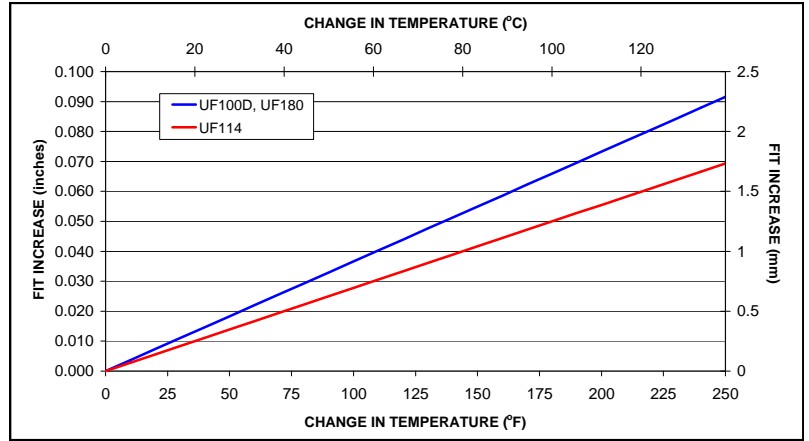
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	7.750 (196.85)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	138.00 (3505)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	696 (316) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

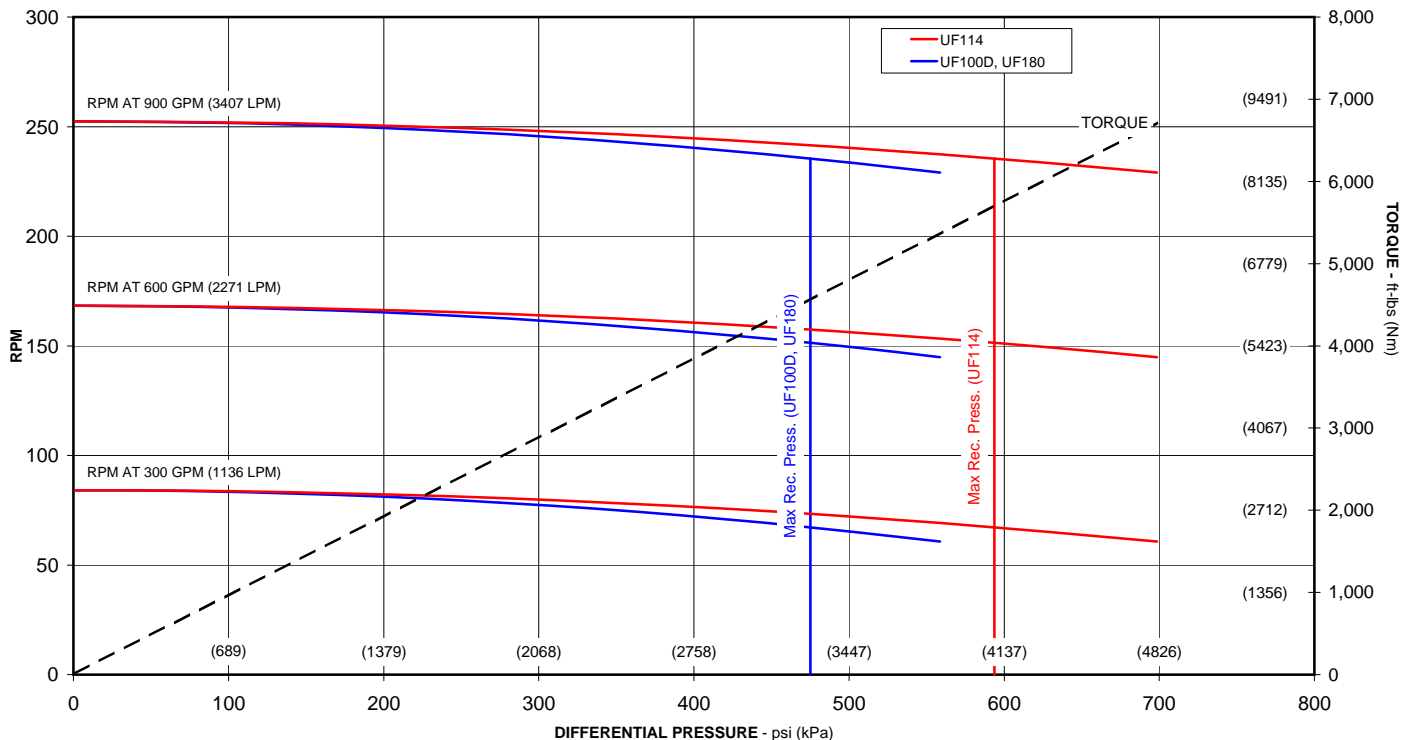
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	156 (1076) psi (kPa)
Off Bottom Speed:	0.28 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	256 (191) hp (kW)
(UF100D, UF180)	205 (153) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

800M6740 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	192.00 (4877)
Overall Length:	199.00 (5055)
Contour OD:	4.958 (125.93)
Eccentricity:	0.336 (8.53)
*Head OD:	4.750 (120.65)
Weight:	989 (449) lbs (kg)
*Thread Form:	3 1/2" API IF
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
OS Contour Min. Diam.		4.289 (108.94)	4.268 (108.41)
OS Contour Maj. Diam. (Ref.)		5.629 (142.98)	5.623 (142.82)
Nominal Fit on Diameter			
US		N/A	N/A
STD		N/A	N/A
OS		-0.003 (-0.08)	0.017 (0.43)
2OS		N/A	N/A
3OS		N/A	N/A

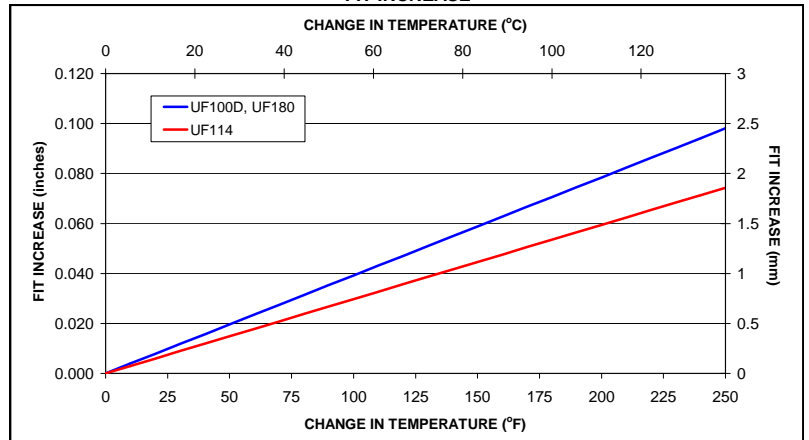
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	8.000 (203.20)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	206.00 (5232)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	1206 (547) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

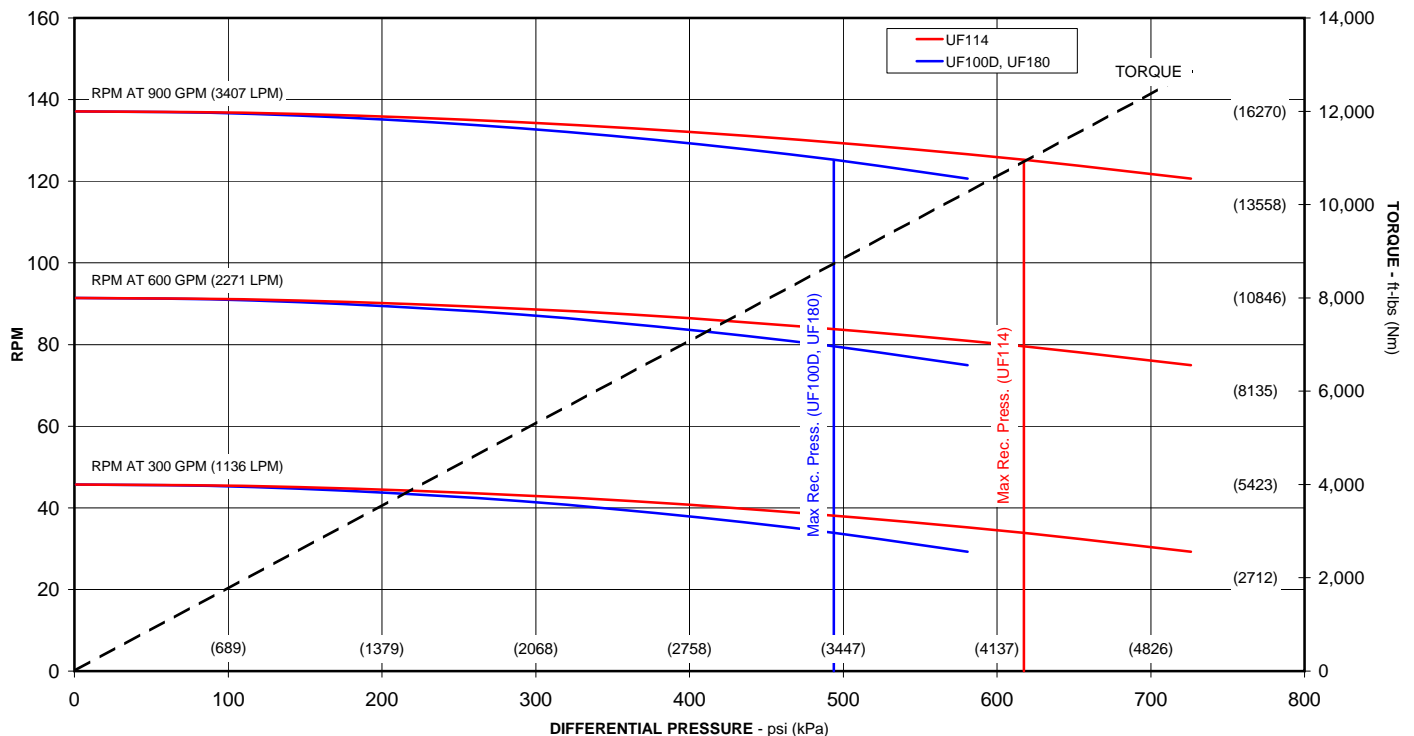
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	140 (965) psi (kPa)
Off Bottom Speed:	0.15 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	261 (195) hp (kW)
(UF100D, UF180)	208 (155) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

775 / 800M7830 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	145.07 (3685)
Overall Length:	153.00 (3886)
Contour OD:	5.186 (131.72)
Eccentricity:	0.293 (7.44)
*Head OD:	4.750 (120.65)
Weight:	752 (341) lbs (kg)
*Thread Form:	3 1/2" API IF
Material:	17-4 SS Bar

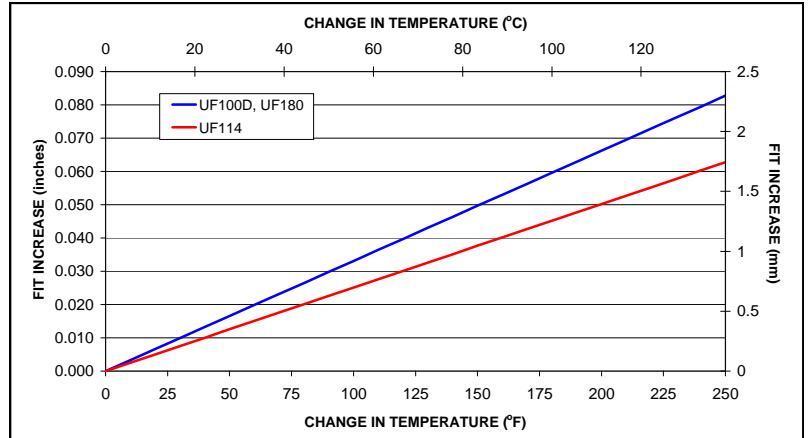
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.576 (116.23)	4.558 (115.77)
STD Contour Maj. Diam. (Ref.)		5.734 (145.64)	5.728 (145.49)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.025 (0.64)	0.042 (1.07)
	OS	-0.013 (-0.33)	0.005 (0.13)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	7.750 (196.85)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	160.00 (4064)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	803 (364) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

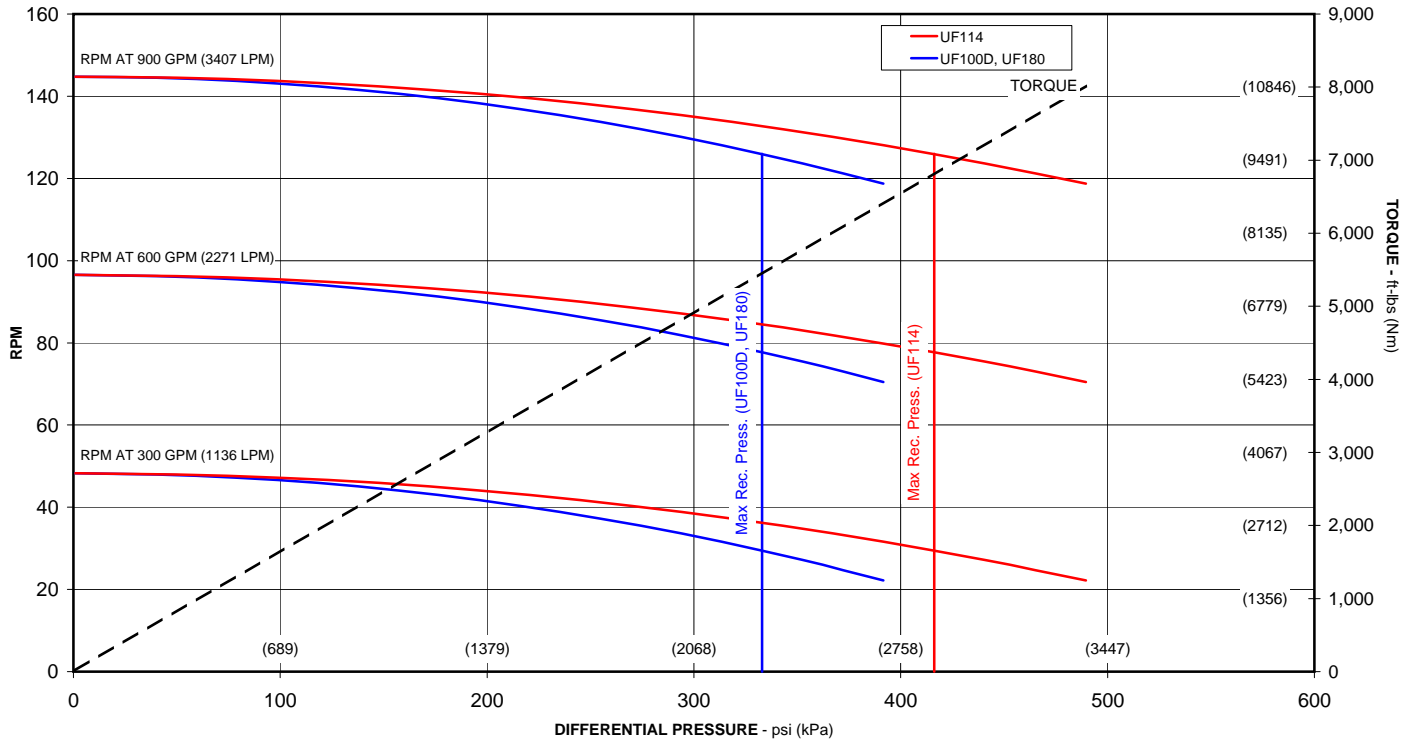
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	159 (1096) psi (kPa)
Off Bottom Speed:	0.16 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	164 (122) hp (kW)
(UF100D, UF180)	131 (98) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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*Additional sizes are available upon request.

Note: All dimensions are subject to change without notification

Moyno® Power Sections

775 / 800M7840 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	188.20 (4780)
Overall Length:	196.20 (4983)
Contour OD:	5.186 (131.72)
Eccentricity:	0.293 (7.44)
*Head OD:	4.750 (120.65)
Weight:	965 (438) lbs (kg)
*Thread Form:	3 1/2" API IF / Reg
Material:	17-4 SS Bar

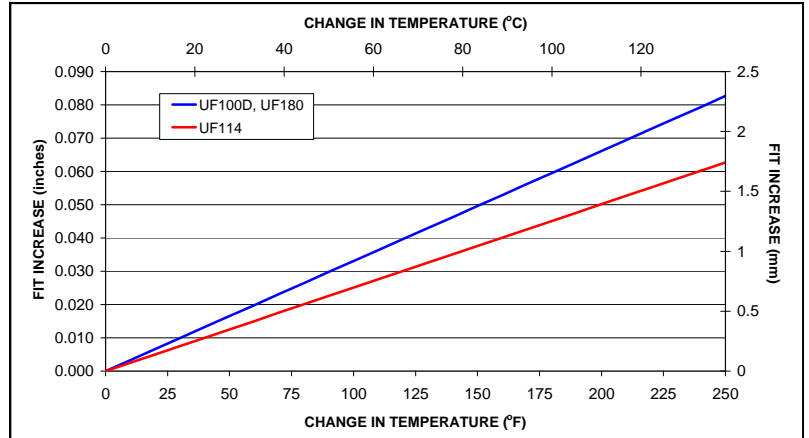
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.578 (116.28)	4.560 (115.82)
STD Contour Maj. Diam. (Ref.)		5.734 (145.64)	5.729 (145.52)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.023 (0.58)	0.040 (1.02)
	OS	-0.015 (-0.38)	0.003 (0.08)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	7.750 (196.85)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	203.20 (5161)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	1022 (464) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

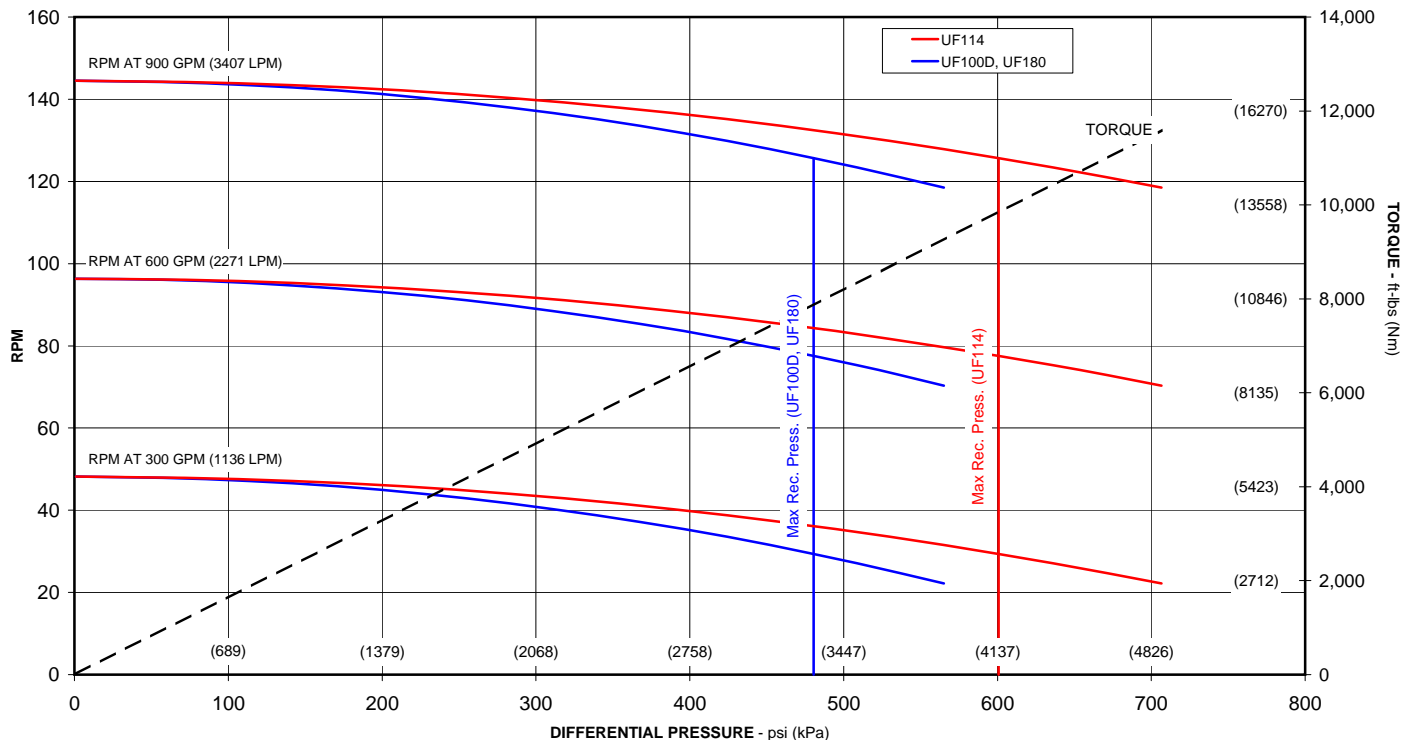
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	159 (1096) psi (kPa)
Off Bottom Speed:	0.16 (0.04) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	236 (176) hp (kW)
(UF100D, UF180)	189 (141) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

775 / 800M91030 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	99.30 (2522)
Overall Length:	106.00 (2692)
Contour OD:	5.058 (128.47)
Eccentricity:	0.234 (5.94)
*Head OD:	4.750 (120.65)
Weight:	521 (236) lbs (kg)
*Thread Form:	3 1/2" API IF
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.580 (116.33)	4.562 (115.87)
STD Contour Maj. Diam. (Ref.)		5.496 (139.60)	5.488 (139.40)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.010 (0.25)	0.028 (0.71)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

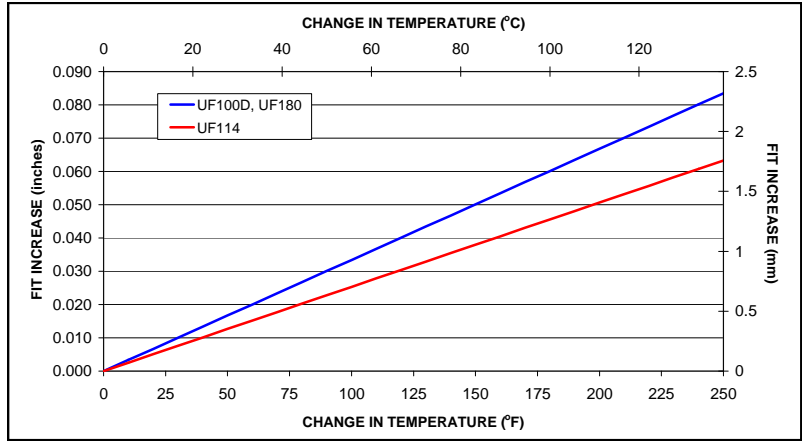
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	7.750 (196.85)
Nominal Tube ID:	6.250 (158.75)
Overall Length:	112.00 (2845)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	566 (257) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

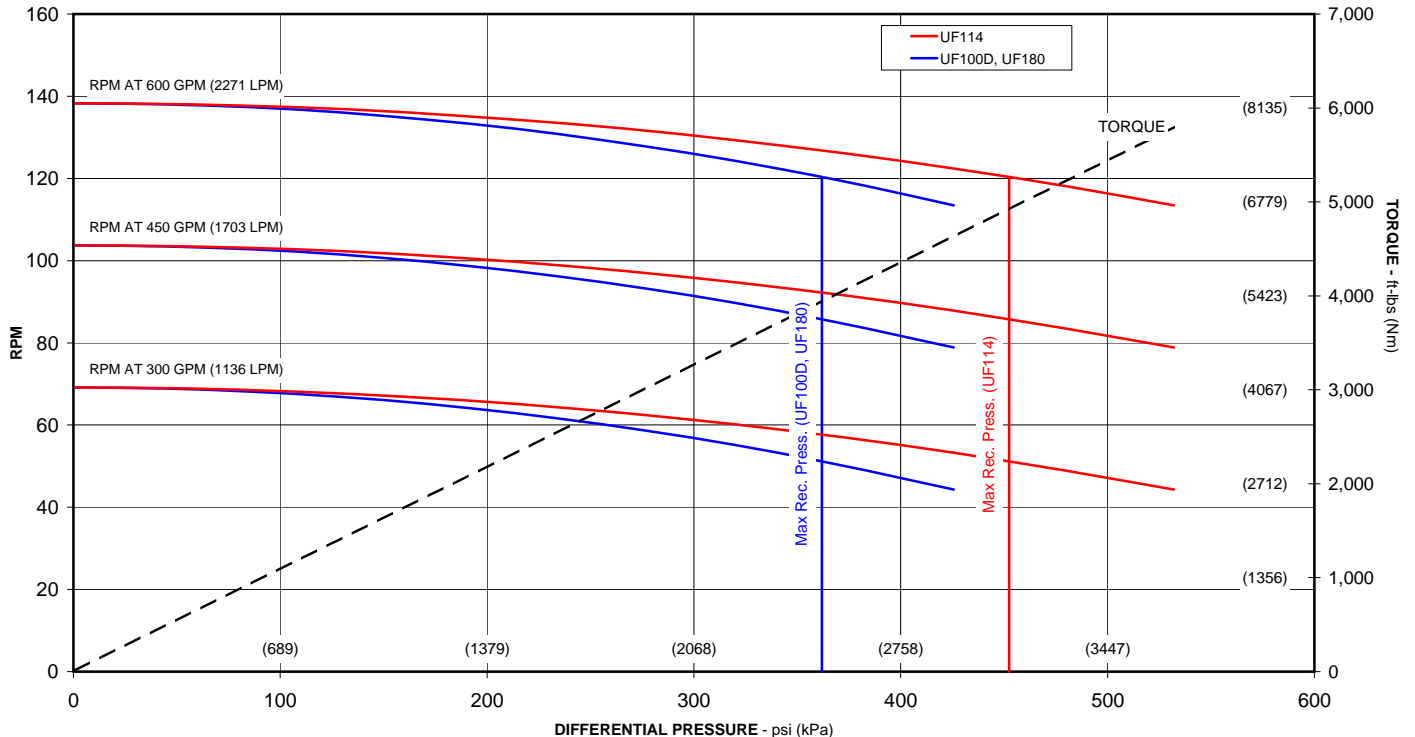
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	153 (1055) psi (kPa)
Off Bottom Speed:	0.23 (0.06) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	113 (84) hp (kW)
(UF100D, UF180)	90 (67) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

962M1240 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	170.00 (4318)
Overall Length:	178.00 (4521)
Contour OD:	5.713 (145.11)
Eccentricity:	0.812 (20.62)
*Head OD:	5.250 (133.35)
Weight:	447 (203) lbs (kg)
*Thread Form:	3 1/2" API IF
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)	UF100D, UF180	UF114	
STD Contour Min. Diam.	4.007 (101.78)	3.966 (100.74)	
STD Contour Maj. Diam. (Ref.)	7.247 (184.07)	7.241 (183.92)	
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.083 (2.11)	0.124 (3.15)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

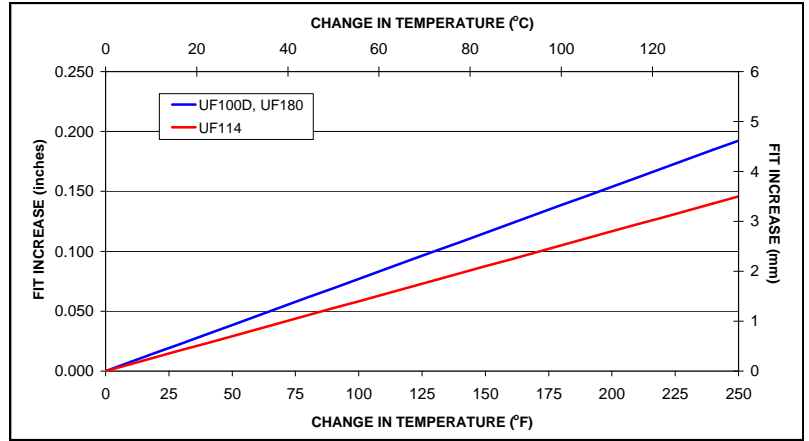
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.855 (199.52)
Overall Length:	187.00 (4750)
Rubber Cut-back:	
Side 1:	9.50 (241)
Side 2:	9.50 (241)
Weight:	1451 (658) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

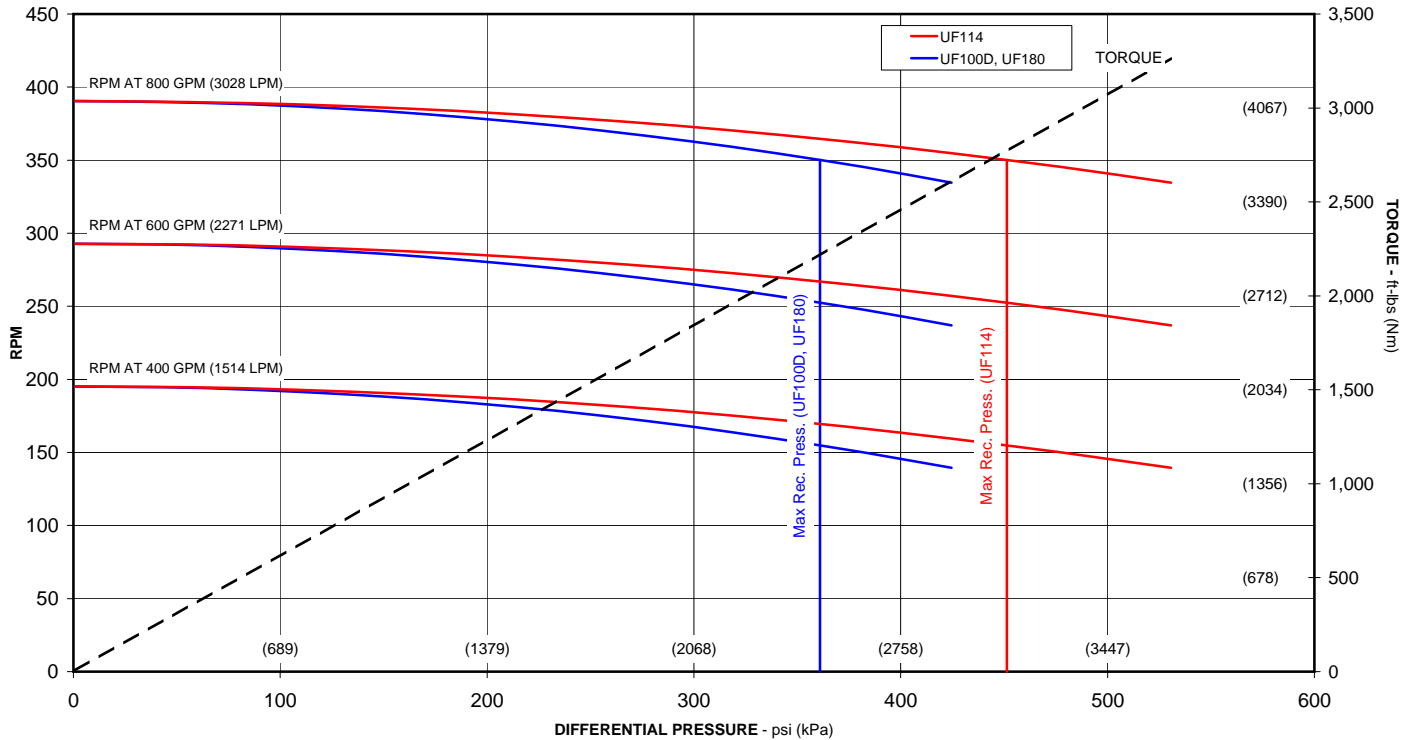
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	139 (958) psi (kPa)
Off Bottom Speed:	0.49 (0.13) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	185 (138) hp (kW)
(UF100D, UF180)	148 (110) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Moyno® Power Sections

950 / 962M1250 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	194.00 (4928)
Overall Length:	200.75 (5099)
Contour OD:	5.456 (138.58)
Eccentricity:	0.891 (22.63)
*Head OD:	5.000 (127.00)
Weight:	585 (265) lbs (kg)
*Thread Form:	3 1/2" API IF
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		3.563 (90.50)	3.517 (89.33)
STD Contour Maj. Diam. (Ref.)		7.125 (180.98)	7.117 (180.77)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.112 (2.84)	0.158 (4.01)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

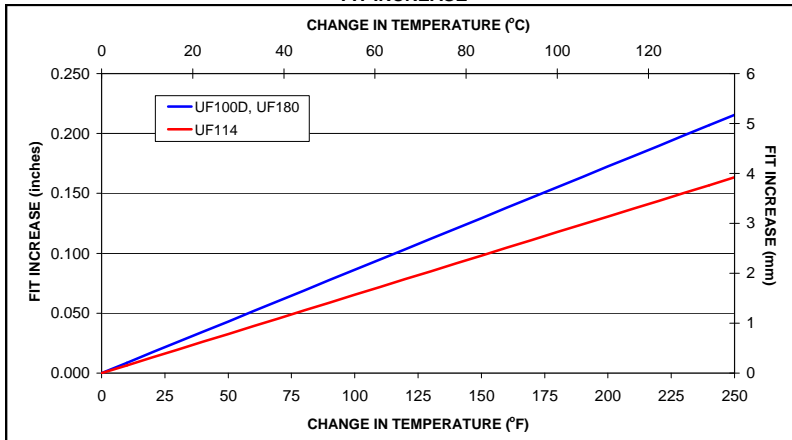
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	9.500 (241.30)
Nominal Tube ID:	7.875 (200.03)
Overall Length:	213.00 (5410)
Rubber Cut-back:	
Side 1:	10.00 (254)
Side 2:	10.00 (254)
Weight:	1553 (704) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

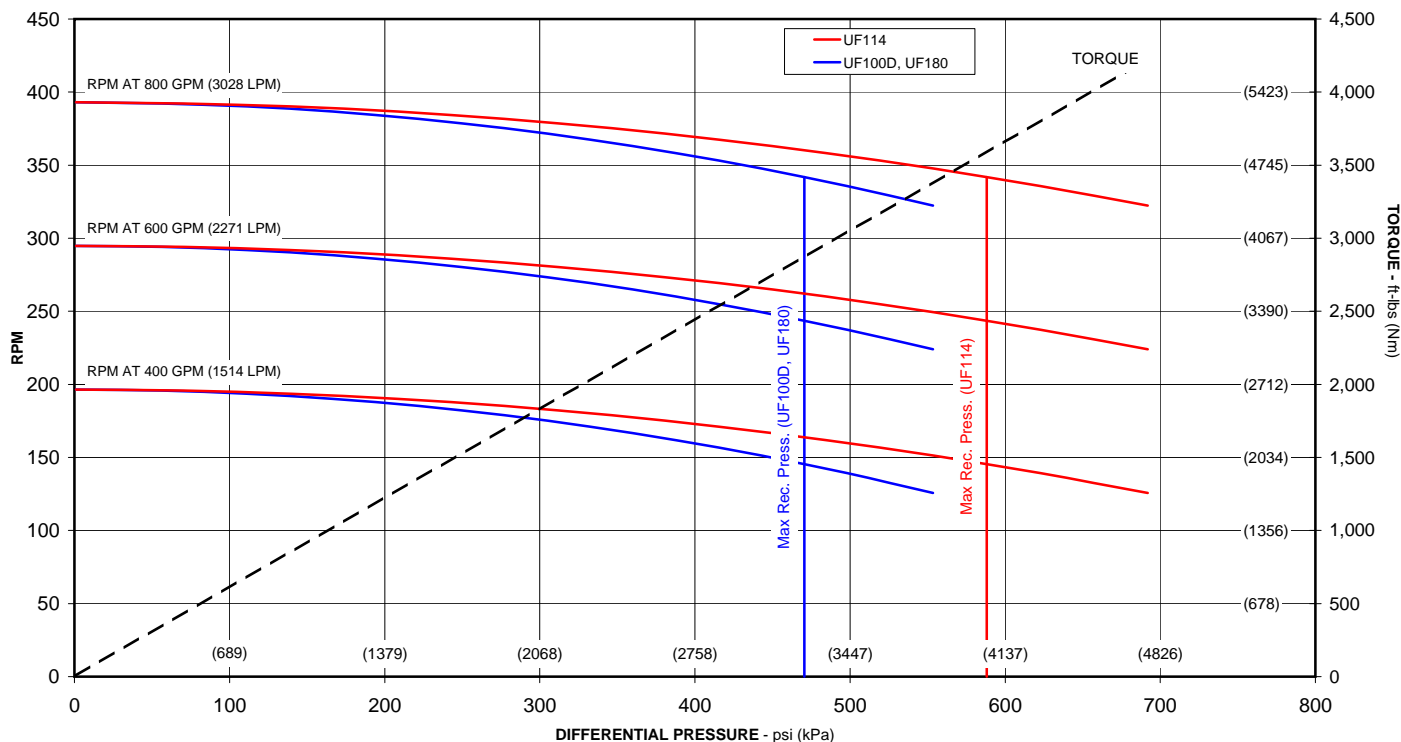
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	148 (1020) psi (kPa)
Off Bottom Speed:	0.49 (0.13) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	234 (174) hp (kW)
(UF100D, UF180)	187 (139) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

962M3445 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	158.60 (4028)
Overall Length:	167.00 (4242)
Contour OD:	5.978 (151.84)
Eccentricity:	0.599 (15.21)
*Head OD:	5.500 (139.70)
Weight:	875 (397) lbs (kg)
*Thread Form:	4" API Full Hole
Material:	17-4 SS Bar

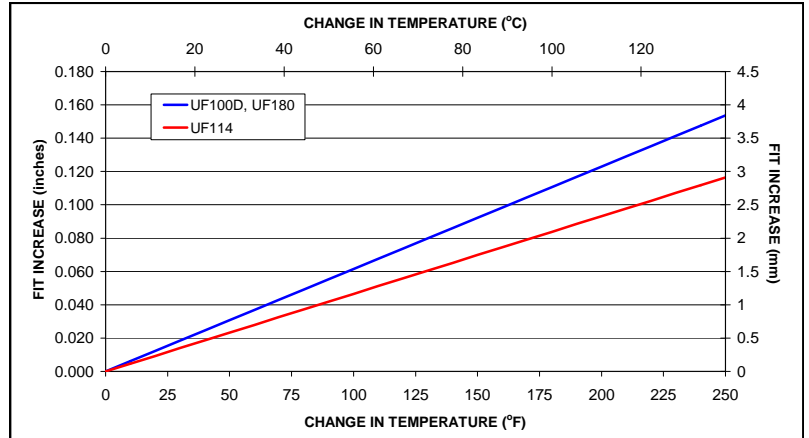
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.773 (121.23)	4.740 (120.40)
STD Contour Maj. Diam. (Ref.)		7.116 (180.75)	7.107 (180.52)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.008 (0.20)	0.041 (1.04)
	OS	-0.024 (-0.61)	0.009 (0.23)
	2OS	-0.049 (-1.24)	-0.016 (-0.41)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.5
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.875 (200.03)
Overall Length:	178.00 (4521)
Rubber Cut-back:	
Side 1:	10.00 (254)
Side 2:	10.00 (254)
Weight:	1355 (615) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

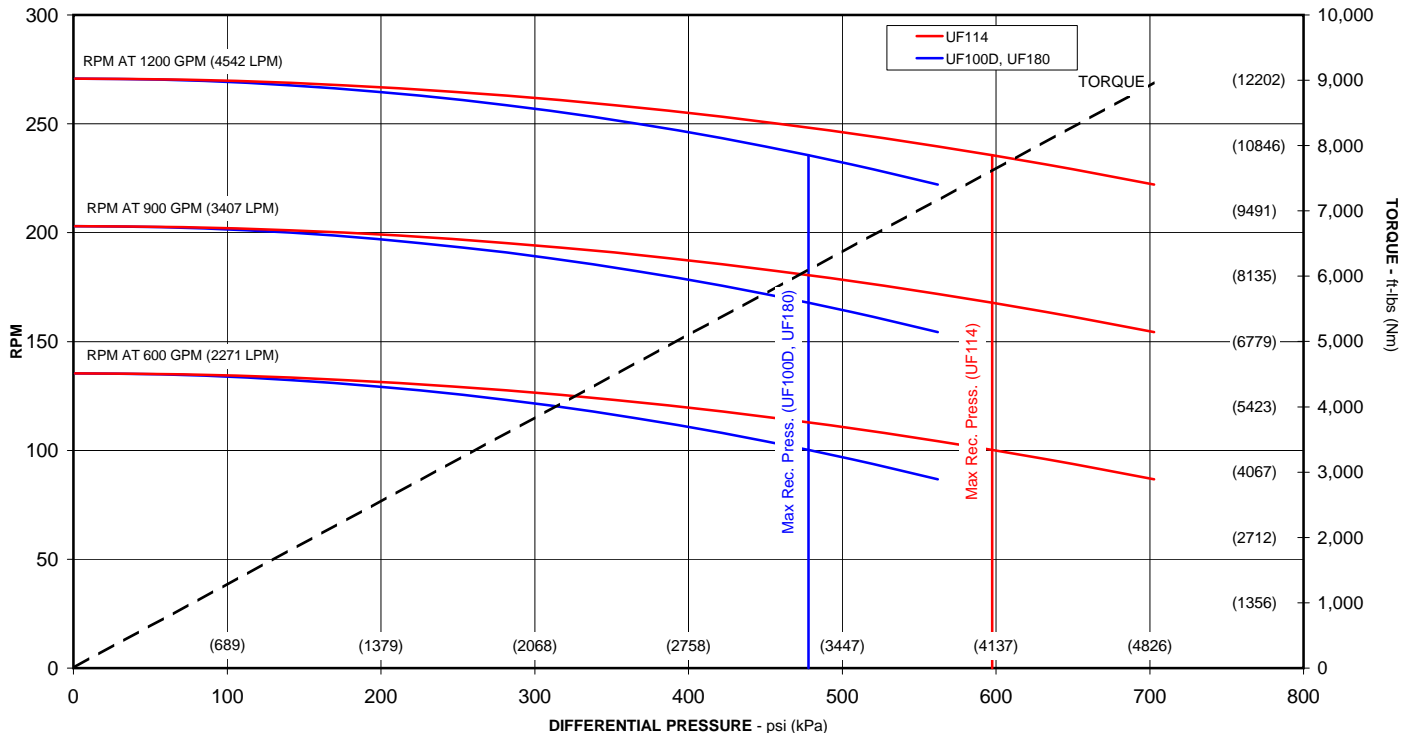
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	145 (1000) psi (kPa)
Off Bottom Speed:	0.23 (0.06) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	342 (255) hp (kW)
(UF100D, UF180)	274 (204) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

962M3460 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	210.60 (5349)
Overall Length:	219.00 (5563)
Contour OD:	5.978 (151.84)
Eccentricity:	0.599 (15.21)
*Head OD:	5.500 (139.70)
Weight:	1143 (518) lbs (kg)
*Thread Form:	4" API Full Hole
Material:	17-4 SS Bar

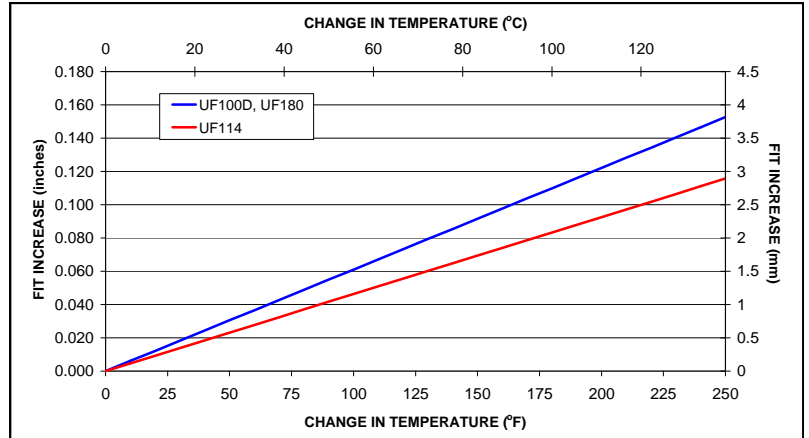
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		4.766 (121.06)	4.733 (120.22)
STD Contour Maj. Diam. (Ref.)		7.111 (180.62)	7.103 (180.42)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.015 (0.38)	0.048 (1.22)
	OS	-0.049 (-1.24)	-0.016 (-0.41)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	6.0
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.850 (199.39)
Overall Length:	228.00 (5791)
Rubber Cut-back:	
Side 1:	9.00 (229)
Side 2:	9.00 (229)
Weight:	1759 (798) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

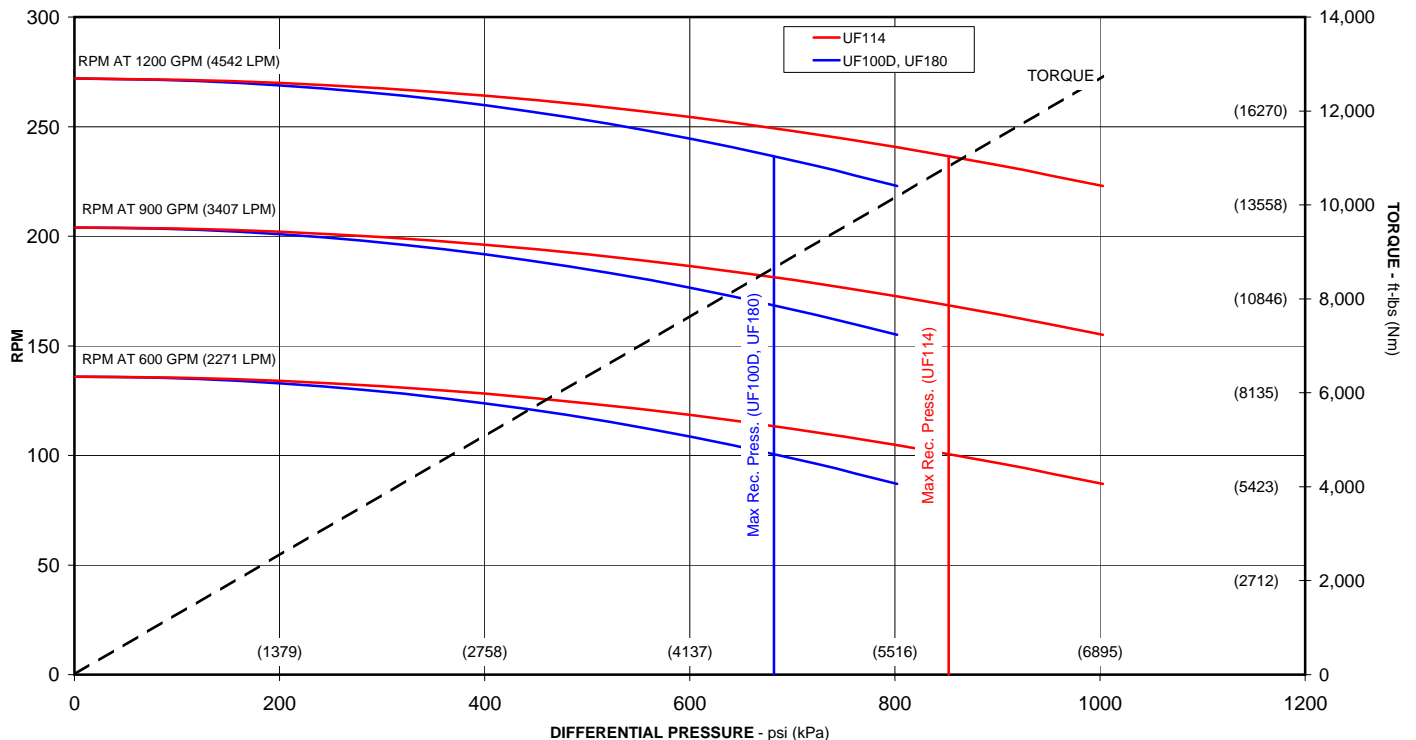
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	146 (1007) psi (kPa)
Off Bottom Speed:	0.23 (0.06) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	488 (364) hp (kW)
(UF100D, UF180)	390 (291) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

962M4556 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	134.31 (3411)
Overall Length:	143.50 (3645)
Contour OD:	6.341 (161.06)
Eccentricity:	0.532 (13.51)
*Head OD:	5.500 (139.70)
Weight:	917 (416) lbs (kg)
*Thread Form:	3 1/2" API Full Hole
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
OS Contour Min. Diam.		5.305 (134.75)	5.278 (134.06)
OS Contour Maj. Diam. (Ref.)		7.406 (188.11)	7.401 (187.99)
US		N/A	N/A
STD		N/A	N/A
Nominal Fit on Diameter OS		-0.028 (-0.71)	-0.001 (-0.03)
2OS		N/A	N/A
3OS		N/A	N/A

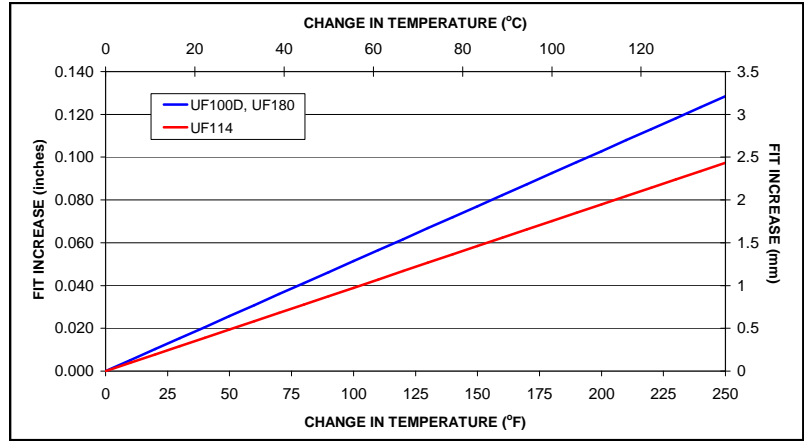
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.6
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.875 (200.03)
Overall Length:	154.00 (3912)
Rubber Cut-back:	
Side 1:	10.00 (254)
Side 2:	10.00 (254)
Weight:	1145 (519) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

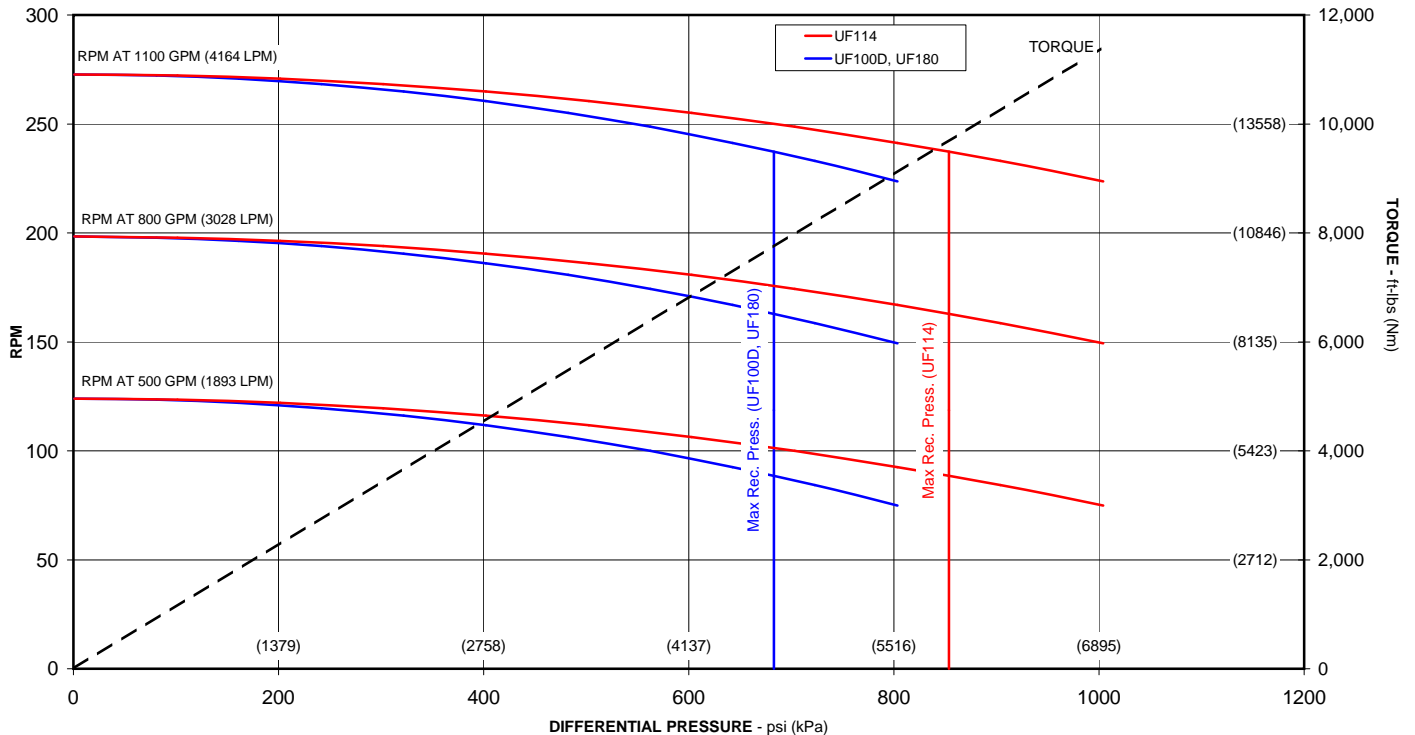
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	141 (972) psi (kPa)
Off Bottom Speed:	0.25 (0.07) rev/gal (rev/l)
Power at Max. Rec.Press. (UF114)	438 (327) hp (kW)
(UF100D, UF180)	351 (262)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

962M5630 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	158.60 (4028)
Overall Length:	167.00 (4242)
Contour OD:	6.236 (158.39)
Eccentricity:	0.449 (11.40)
*Head OD:	5.500 (139.70)
Weight:	1090 (494) lbs (kg)
*Thread Form:	4" API Full Hole
Material:	17-4 SS Bar

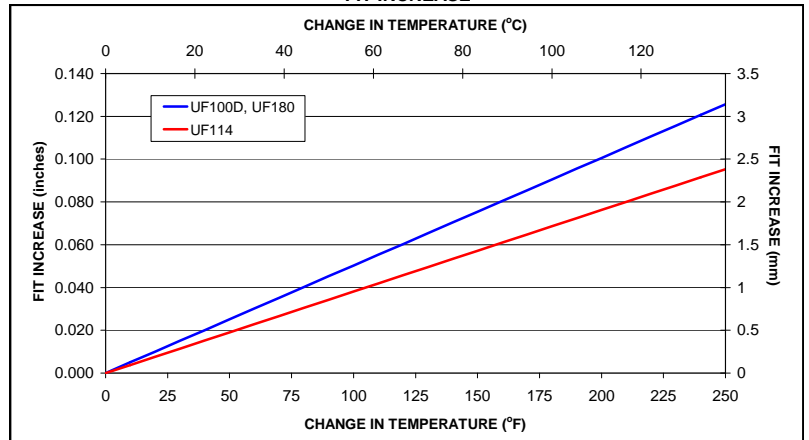
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		5.314 (134.98)	5.287 (134.29)
STD Contour Maj. Diam. (Ref.)		7.098 (180.29)	7.090 (180.09)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.024 (0.61)	0.051 (1.30)
	OS	-0.020 (-0.51)	0.007 (0.18)
	2OS	-0.073 (-1.85)	-0.046 (-1.17)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.0
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.875 (200.03)
Overall Length:	178.00 (4521)
Rubber Cut-back:	
Side 1:	10.00 (254)
Side 2:	10.00 (254)
Weight:	1332 (604) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

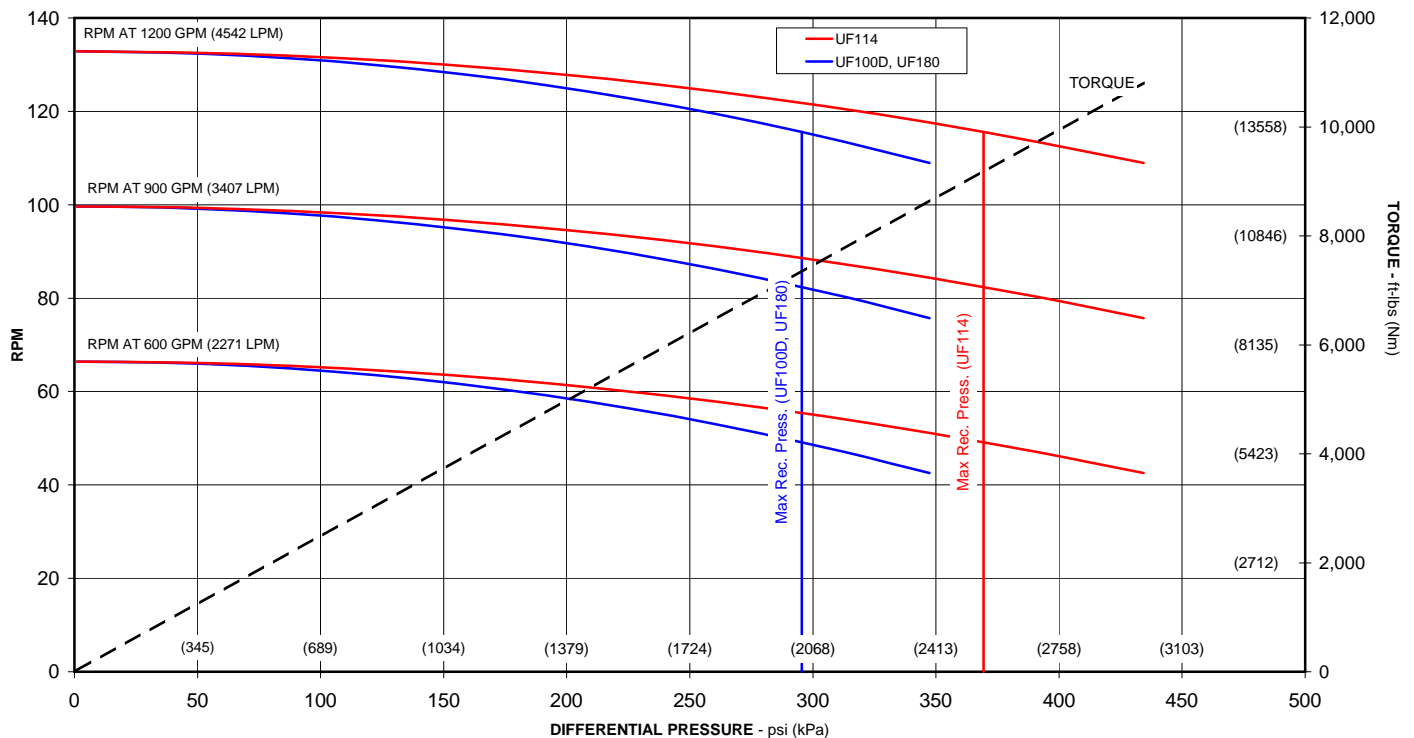
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	159 (1096) psi (kPa)
Off Bottom Speed:	0.11 (0.03) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	202 (151) hp (kW)
(UF100D, UF180)	162 (121) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

962M5640 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	211.00 (5359)
Overall Length:	218.00 (5537)
Contour OD:	6.236 (158.39)
Eccentricity:	0.449 (11.40)
*Head OD:	5.500 (139.70)
Weight:	1423 (645) lbs (kg)
*Thread Form:	4" API Full Hole
Material:	17-4 SS Bar

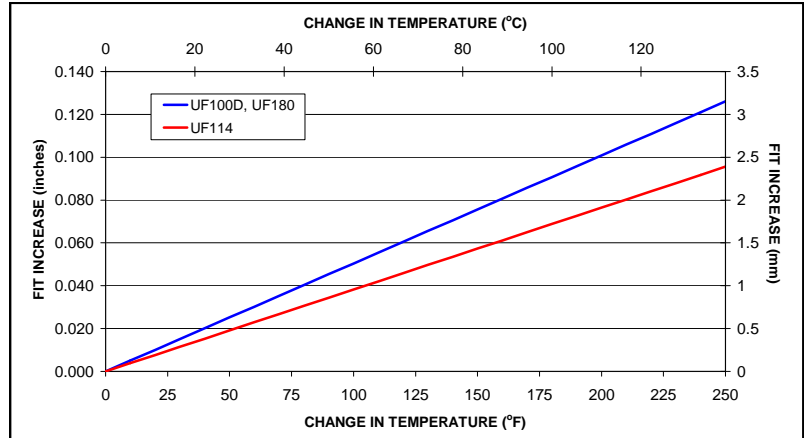
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		5.307 (134.80)	5.280 (134.11)
STD Contour Maj. Diam. (Ref.)		7.096 (180.24)	7.088 (180.04)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.031 (0.79)	0.058 (1.47)
	OS	-0.024 (-0.61)	0.003 (0.08)
	2OS	-0.054 (-1.37)	-0.027 (-0.69)
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.0
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.875 (200.03)
Overall Length:	228.00 (5791)
Rubber Cut-back:	
Side 1:	9.00 (229)
Side 2:	9.00 (229)
Weight:	1710 (776) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

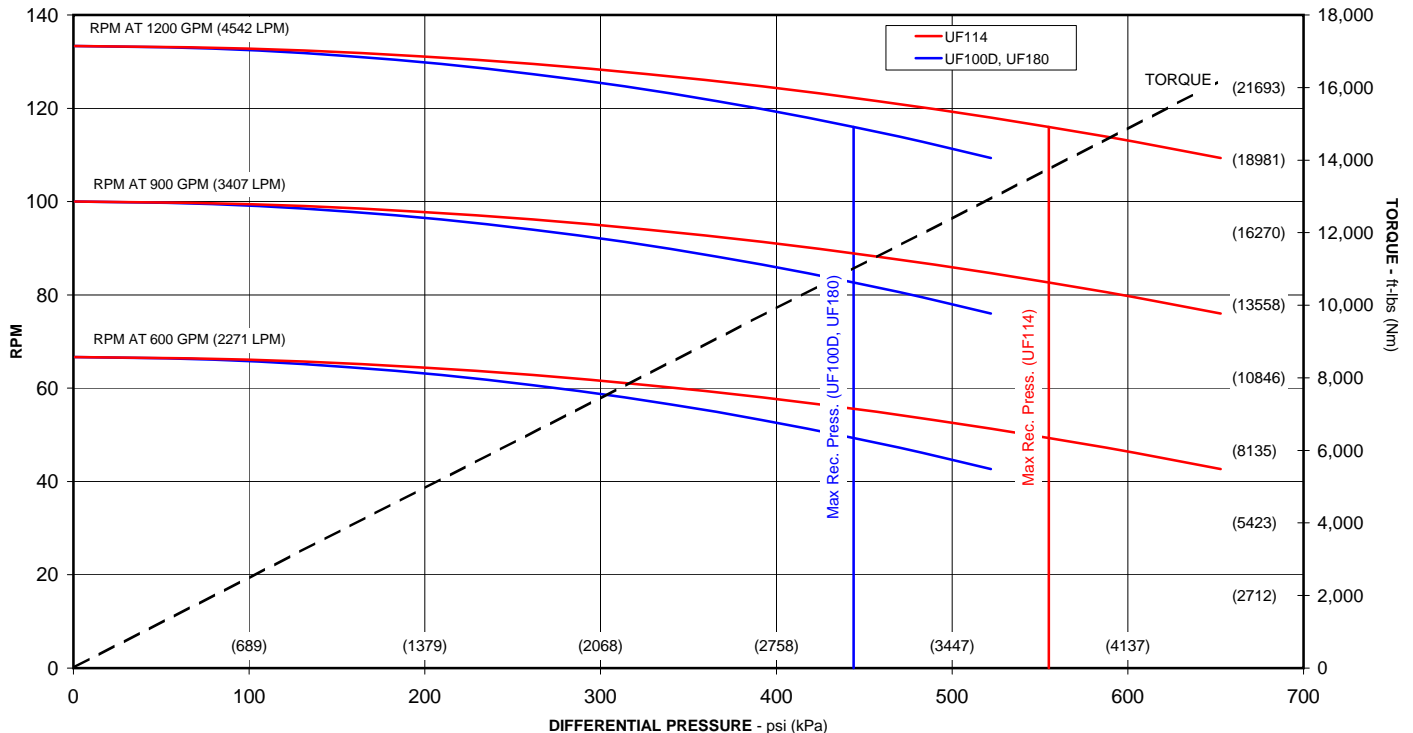
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	160 (1103) psi (kPa)
Off Bottom Speed:	0.11 (0.03) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	304 (227) hp (kW)
(UF100D, UF180)	243 (181) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

962M6750 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	194.70 (4945)
Overall Length:	202.00 (5131)
Contour OD:	6.403 (162.64)
Eccentricity:	0.428 (10.87)
*Head OD:	5.750 (146.05)
Weight:	1370 (621) lbs (kg)
*Thread Form:	4" API Full Hole
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		5.548 (140.92)	5.523 (140.28)
STD Contour Maj. Diam. (Ref.)		7.254 (184.25)	7.248 (184.10)
Nominal Fit on Diameter	US	N/A	N/A
	STD	-0.001 (-0.03)	0.024 (0.61)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

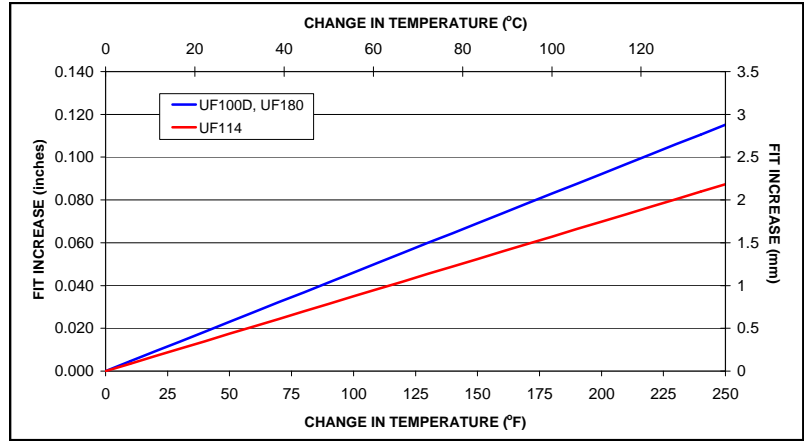
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.0
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.852 (199.44)
Overall Length:	218.00 (5537)
Rubber Cut-back:	
Side 1:	8.00 (203)
Side 2:	8.00 (203)
Weight:	1647 (747) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

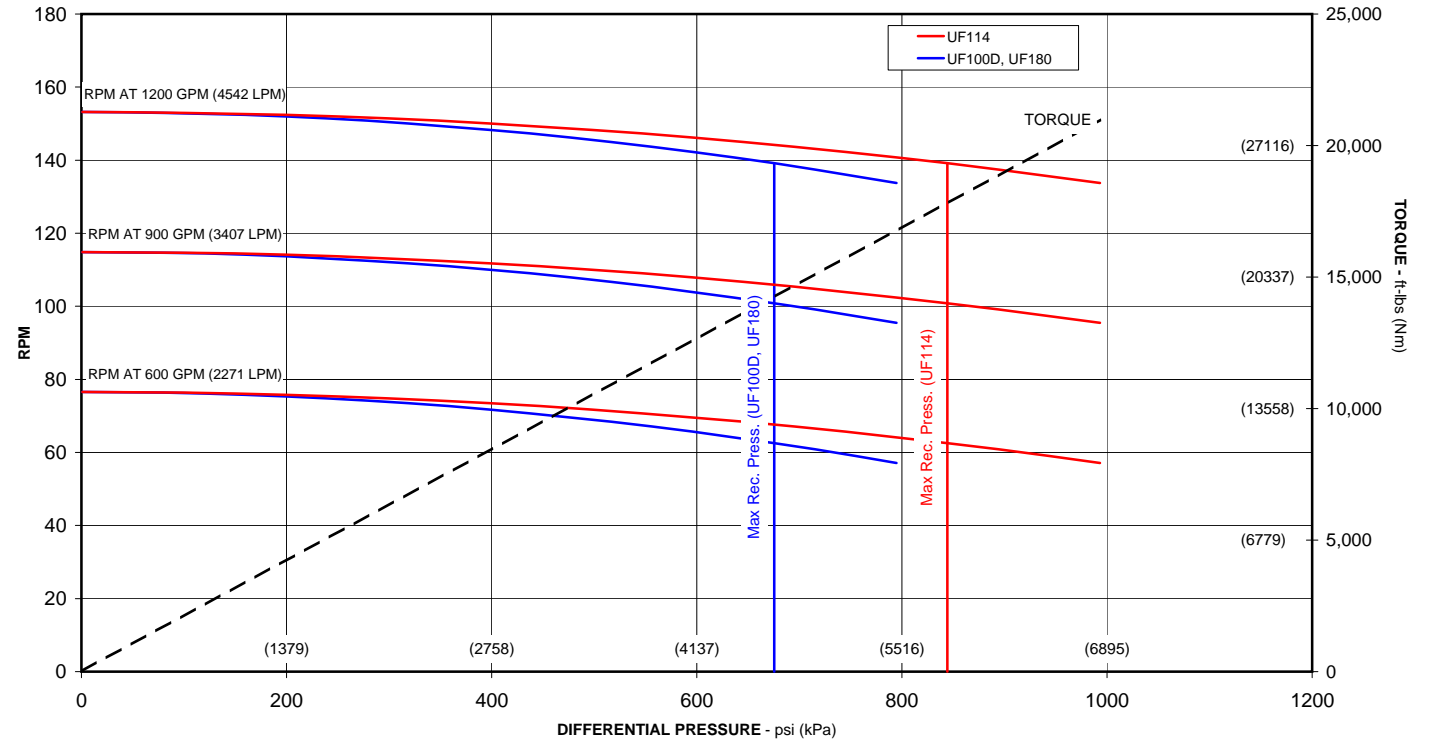
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	160 (1103) psi (kPa)
Off Bottom Speed:	0.13 (0.03) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	472 (352) hp (kW)
(UF100D, UF180)	378 (282) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



Moyno® Power Sections

962M7848 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	225.57 (5729)
Overall Length:	233.50 (5931)
Contour OD:	6.397 (162.48)
Eccentricity:	0.353 (8.97)
*Head OD:	6.000 (152.40)
Weight:	1662 (754) lbs (kg)
*Thread Form:	4" API Full Hole
Material:	17-4 SS Bar

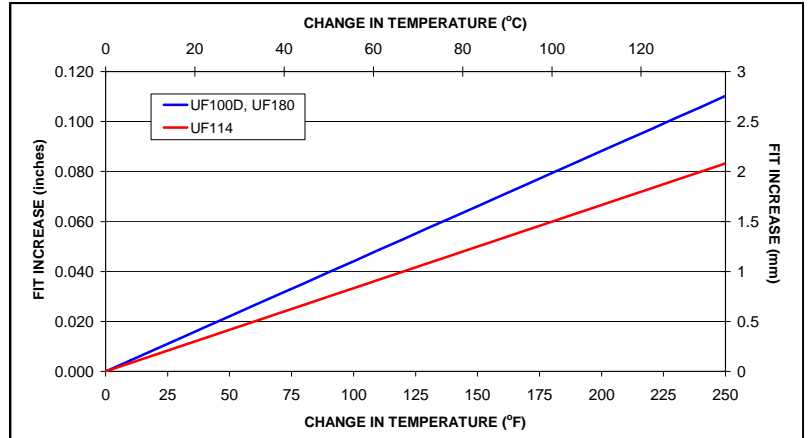
FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		5.635 (143.13)	5.618 (142.70)
STD Contour Maj. Diam. (Ref.)		7.049 (179.04)	7.043 (178.89)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.056 (1.42)	0.073 (1.85)
	OS	0.031 (0.79)	0.043 (1.09)
	2OS	N/A	N/A
	3OS	N/A	N/A

STATOR SPECIFICATIONS - in (mm)

Number of Stages:	4.9
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.852 (199.44)
Overall Length:	246.50 (6261)
Rubber Cut-back:	
Side 1:	10.00 (254)
Side 2:	10.00 (254)
Weight:	1859 (843) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

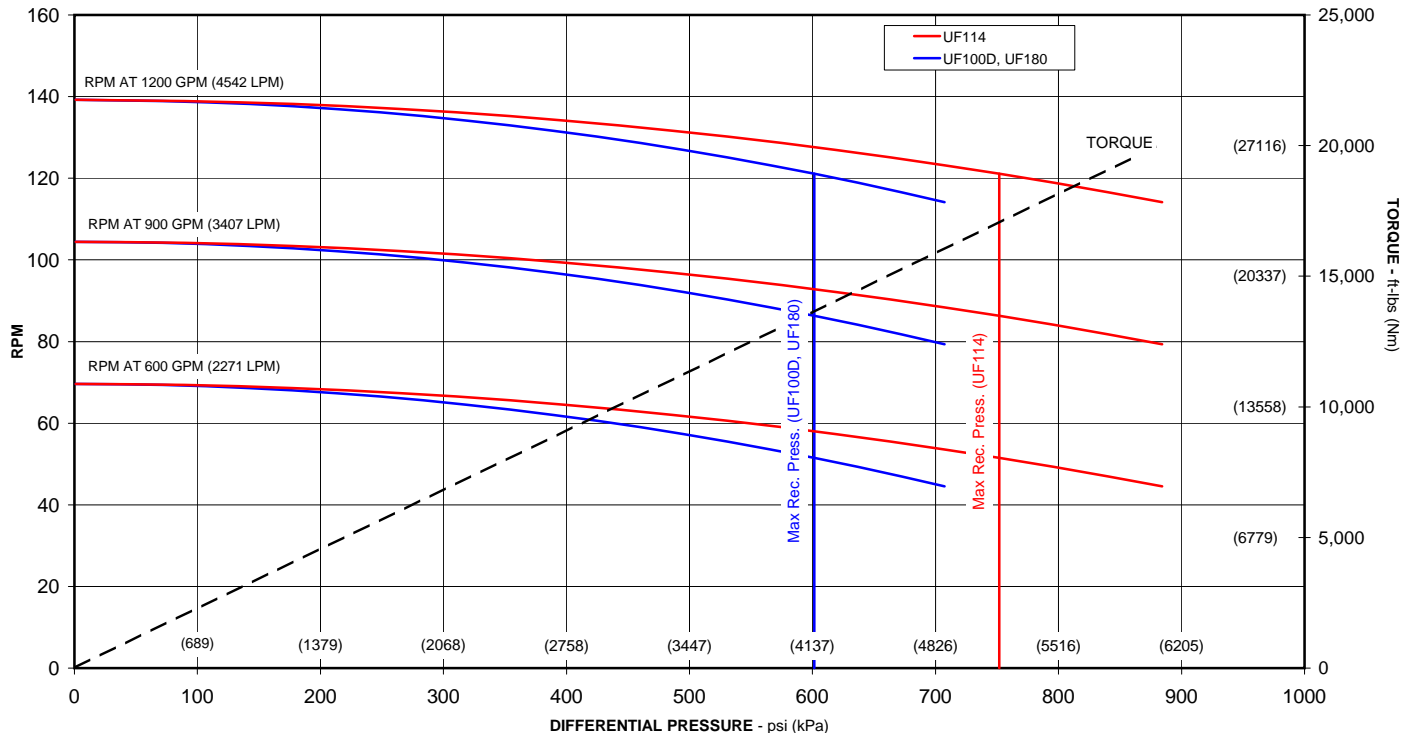
FIT INCREASE



PERFORMANCE DETAILS

Off Bottom Pressure Loss:	194 (1338) psi (kPa)
Off Bottom Speed:	0.12 (0.03) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	394 (294) hp (kW)
(UF100D, UF180)	315 (235) hp (kW)

THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



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*Additional sizes are available upon request.

Note: All dimensions are subject to change without notification

Moyno® Power Sections

962M7857 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	222.00 (5639)
Overall Length:	230.88 (5864)
Contour OD:	6.373 (161.87)
Eccentricity:	0.354 (8.99)
*Head OD:	5.500 (139.70)
Weight:	1656 (751) lbs (kg)
*Thread Form:	4" API Full Hole
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		5.657 (143.69)	5.642 (143.31)
STD Contour Maj. Diam. (Ref.)		7.079 (179.81)	7.073 (179.65)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.008 (0.20)	0.023 (0.58)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

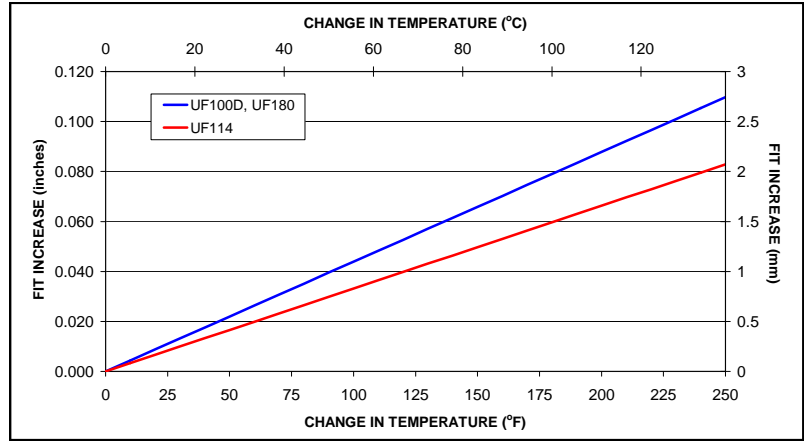
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	5.7
Nominal Tube OD:	9.625 (244.48)
Nominal Tube ID:	7.852 (199.44)
Overall Length:	240.00 (6096)
Rubber Cut-back:	
Side 1:	10.00 (254)
Side 2:	10.00 (254)
Weight:	1805 (819) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

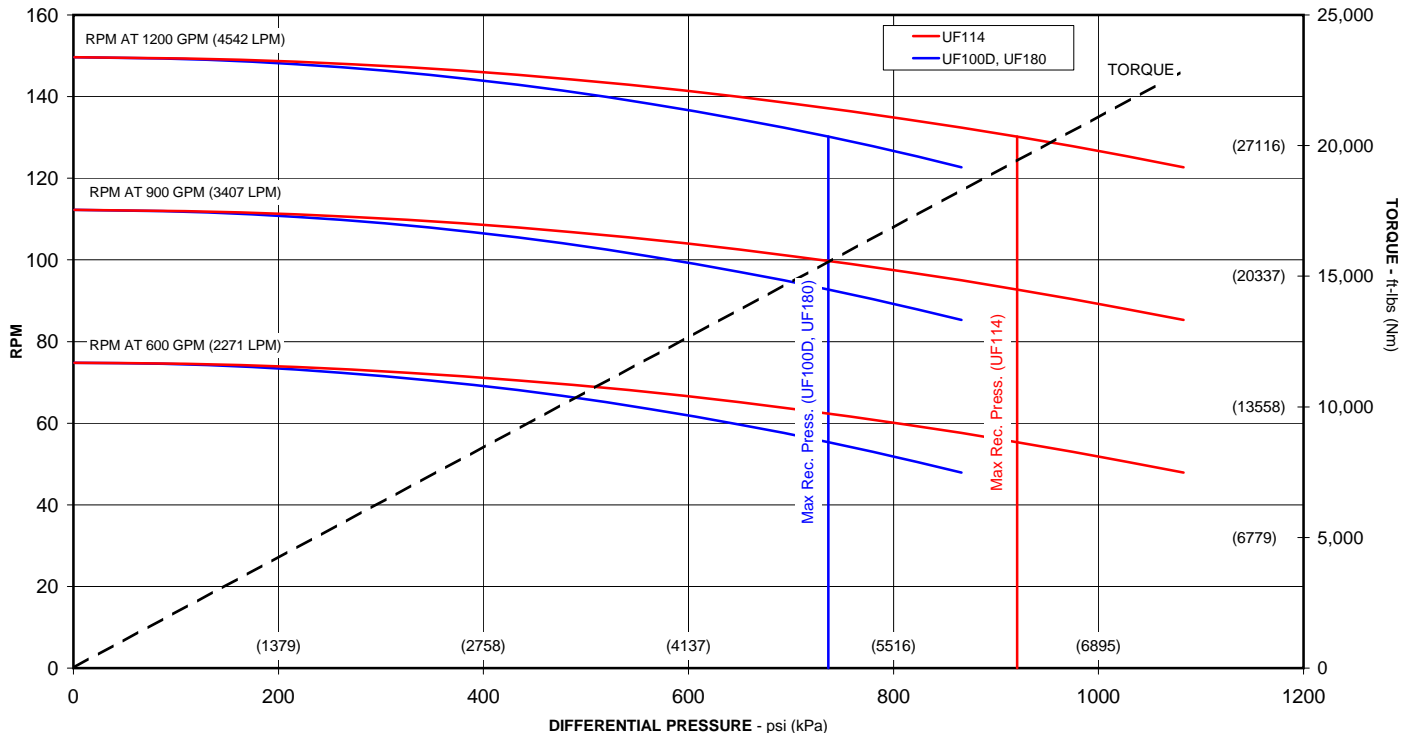
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	177 (1220) psi (kPa)
Off Bottom Speed:	0.12 (0.03) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	482 (359) hp (kW)
(UF100D, UF180)	386 (288) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175 °F (79 °C)



Moyno® Power Sections

1125M3436 SPECIFICATIONS

ROTOR SPECIFICATIONS - in (mm)

Contour Length:	182.60 (4638)
Overall Length:	192.50 (4890)
Contour OD:	6.968 (176.99)
Eccentricity:	0.697 (17.70)
*Head OD:	6.500 (165.10)
Weight:	1374 (623) lbs (kg)
*Thread Form:	4 1/2" API Reg
Material:	17-4 SS Bar

FIT DETAILS - in (mm)

All Dimensions at 70°F (21°C)		UF100D, UF180	UF114
STD Contour Min. Diam.		5.520 (140.21)	5.480 (139.19)
STD Contour Maj. Diam. (Ref.)		8.287 (210.49)	8.277 (210.24)
Nominal Fit on Diameter	US	N/A	N/A
	STD	0.054 (1.37)	0.093 (2.36)
	OS	N/A	N/A
	2OS	N/A	N/A
	3OS	N/A	N/A

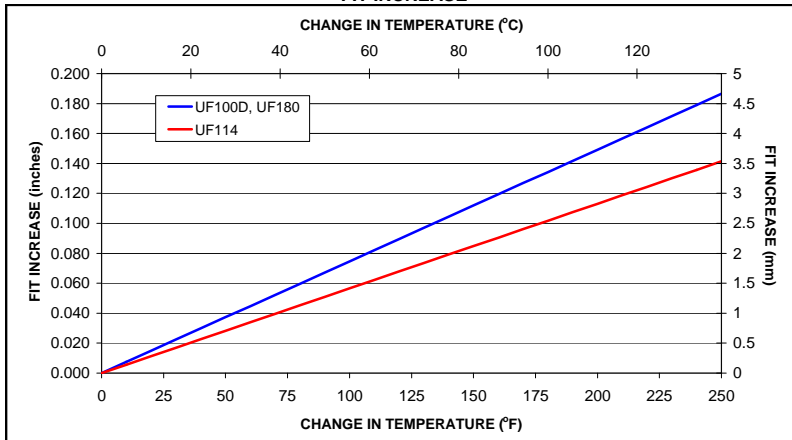
STATOR SPECIFICATIONS - in (mm)

Number of Stages:	3.6
Nominal Tube OD:	11.250 (285.75)
Nominal Tube ID:	9.250 (234.95)
Overall Length:	201.00 (5105)
Rubber Cut-back:	
Side 1:	10.50 (267)
Side 2:	10.50 (267)
Weight:	2056 (933) lbs (kg)
Material:	Alloy Steel Tube / Ultra-Flex® Insert

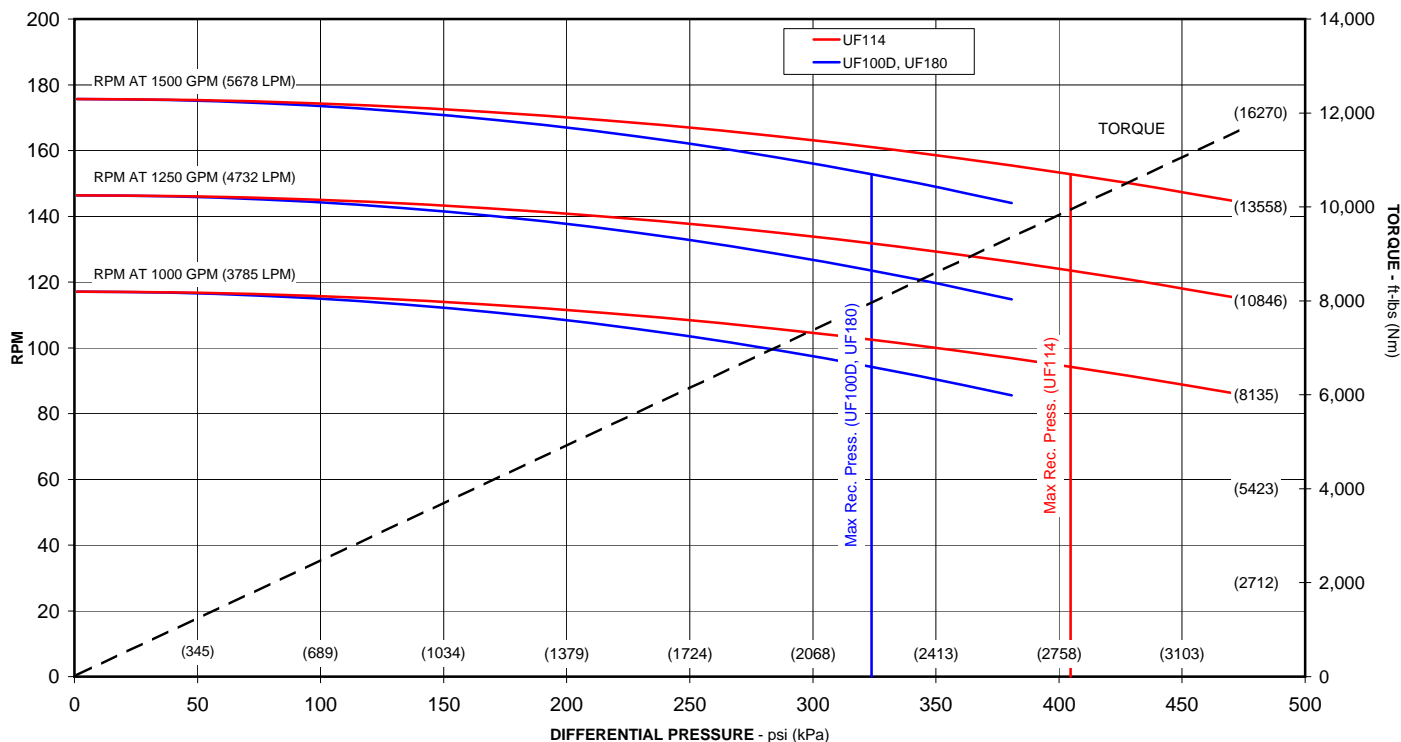
PERFORMANCE DETAILS

Off Bottom Pressure Loss:	173 (1193) psi (kPa)
Off Bottom Speed:	0.12 (0.03) rev/gal (rev/l)
Power at Max. Rec.Press.	
(UF114)	290 (216) hp (kW)
(UF100D, UF180)	232 (173) hp (kW)

FIT INCREASE



THEORETICAL PERFORMANCE WITH WATER AT 175°F (79 °C)



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Note: All dimensions are subject to change without notification

Moyno® ERT™ Power Section



287ERT7836

December 2008

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

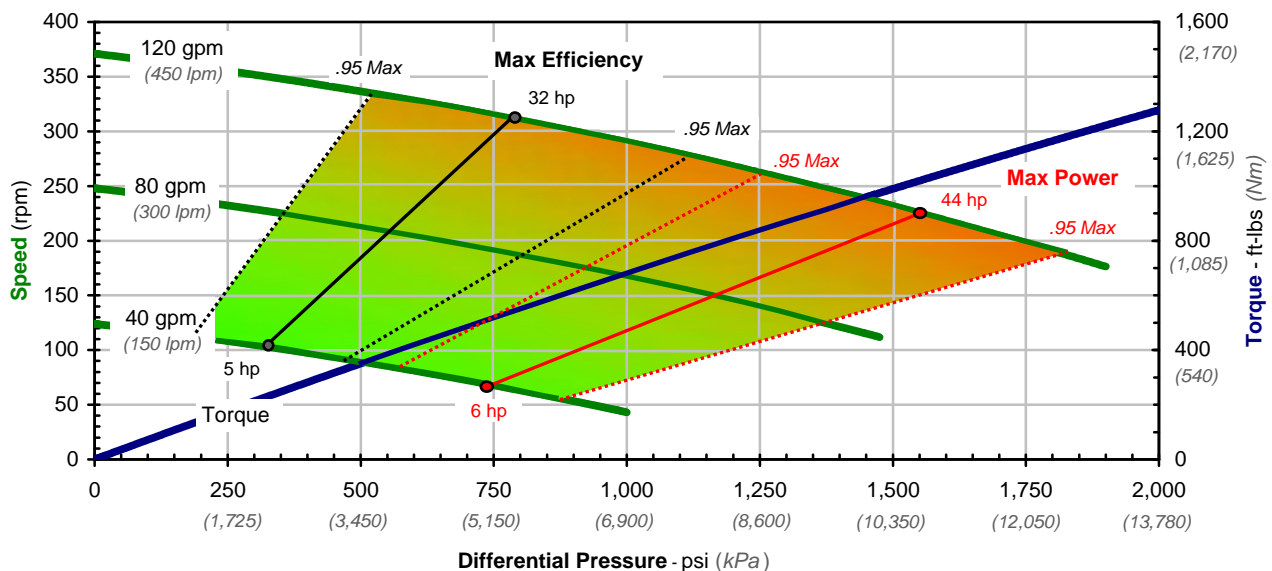
Torque	At max power	1,020 ft-lbs	(1,385 Nm)
	Stall	1,740 ft-lbs	(2,360 Nm)
Power	Max	44 hp	(33 Kw)
	No load	125-370 rpm	-
Speed	Rev/unit volume	3.07 rev/gal	(0.811 rev/liter)
	Flow	Range	40-120 gpm (150-450 lpm)
Pressure	No load - mid flow	210 psi	(1445 kPa)
	At max power	1,550 psi	(10,680 kPa)
	Stall max	2,900 psi	(19,980 kPa)

SPECIFICATIONS

	Configuration			Lengths			Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback	Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	3.6	8	0.000	67 (1702)	75 (1905)	Top 4 (102) Btm 4 (102)	2.875 (73.0)	2.375 (60.3)	2.071 (52.6)	1.655 (42.0)	4142 HR Tube Ultra-Flex® Insert	49 lbs (22 kg)	Customer Specified
Rotor	0.104 (2.64)	7		68 (1727)	74 (1880)	6.00 (152)	1.625 (41.3)	-	1.863 (47.3)	-			
	Eccentricity			Head Length			Head OD	Rotor Bore					

Note: All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions. **.95 max** highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



475ERT4536

October 2008

Moyno® **Even Rubber Thickness (ERT™)** power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

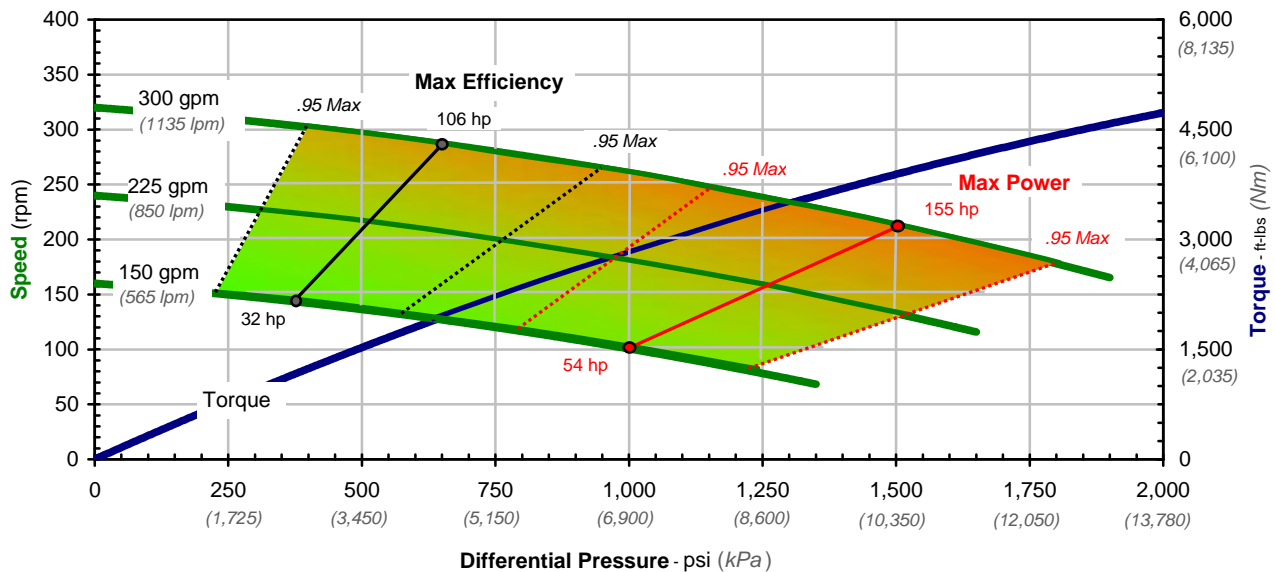
Torque	At max power	3,925 ft-lbs	(5,320 Nm)
	Stall	5,710 ft-lbs	(7,740 Nm)
Power	Max	155 hp	(116 Kw)
Speed	No load	150-300 rpm	-
	Rev/unit volume	1.06 rev/gal	(0.264 rev/liter)
Flow	Range	150-300 gpm	(565-1,135 lpm)
	No load - mid flow	125 psi	(862 kPa)
Pressure	At max power	1,500 psi	(10,335 kPa)
	Stall max	2,975 psi	(20,510 kPa)

SPECIFICATIONS

	Configuration			Lengths				Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback		Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	3.6	5	0.010 (0.254)	112 (2845)	128 (3251)	Top	8 (203)	4.75 (121)	3.75 (95.3)	3.25 (82.6)	2.25 (57.2)	4142 HR Tube Ultra-Flex® Insert	320 lbs (145 kg)	Customer Specified
				Btm	8 (203)									
Rotor	0.25 (6.35)	4		114 (2895)	120 (3048)	6.00 (152)		2.75 (69.9)	1.0 (25)	2.76 (70.1)		17-4 SS Bar	135 lbs (61 kg)	2-3/8" HEF
	Eccentricity			Head Length		Head OD	Rotor Bore							

Note: All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions.

.95 max highlights ranges in which 95% of max efficiency and power are obtained.

Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



475ERT4554

October 2008

Moyno® **E**ven **R**ubber **T**hickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

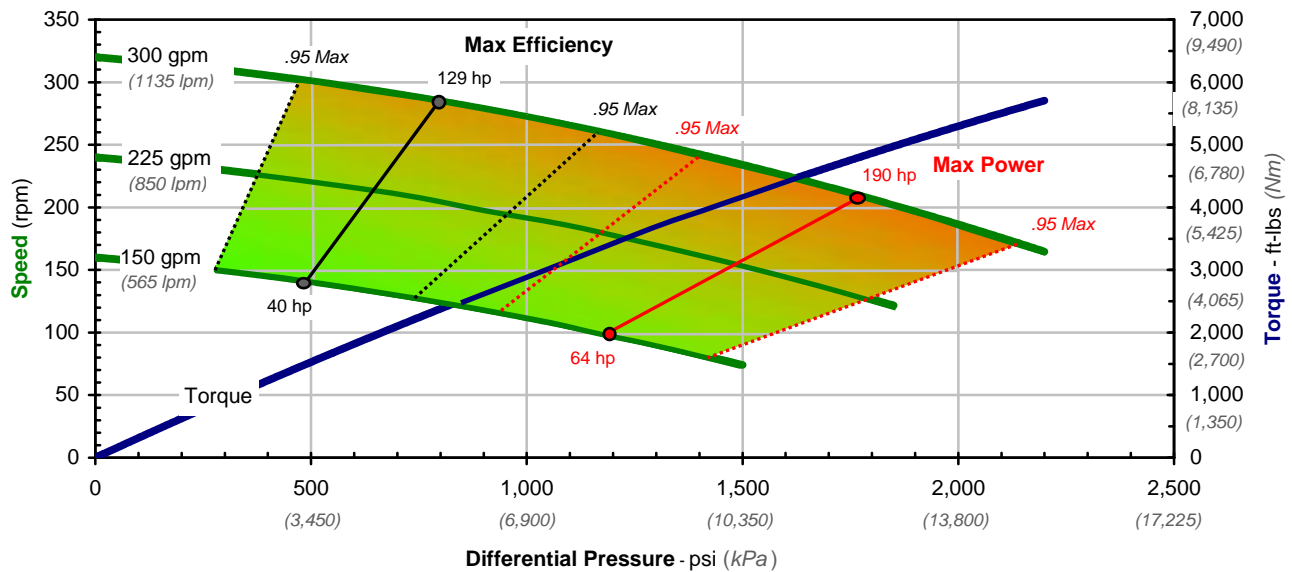
Torque	At max power	4,800 ft-lbs	(6,510 Nm)
	Stall	7,725 ft-lbs	(10,475 Nm)
Power	Max	190 hp	(255 Kw)
Speed	No load	150-300 rpm	-
	Rev/unit volume	1.06 rev/gal	(0.264 rev/liter)
Flow	Range	150-300 gpm	(565-1,135 lpm)
	No load - mid flow	175 psi	(1,205 kPa)
Pressure	At max power	1,775 psi	(12,235 kPa)
	Stall max	3,400 psi	(23,440 kPa)

SPECIFICATIONS

	Configuration			Lengths			Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback ¹	Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	5.4	5	0.010 (0.254)	168 (4267)	200 (5080)	Top 8 (203) Btm 24 (610)	4.75 (121)	3.75 (95.3)	3.25 (82.6)	2.25 (57.2)	4142 HR Tube Ultra-Flex® Insert	500 lbs (227 kg)	Customer Specified
Rotor	0.25 (6.35)	4		170.5 (4331)	176.5 (4483)	6.00 (152)	3.15 (80.0)	1.0 (25)	2.76 (70.1)				
	Eccentricity					Head Length	Head OD	Rotor Bore					

Notes: 1. Long cutback on bottom end permits placement of rotor connection 15.5" to 18" inboard of stator box's face. All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions. **.95 max** highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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Moyno® ERT™ Power Section



475ERT6725

October 2008

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

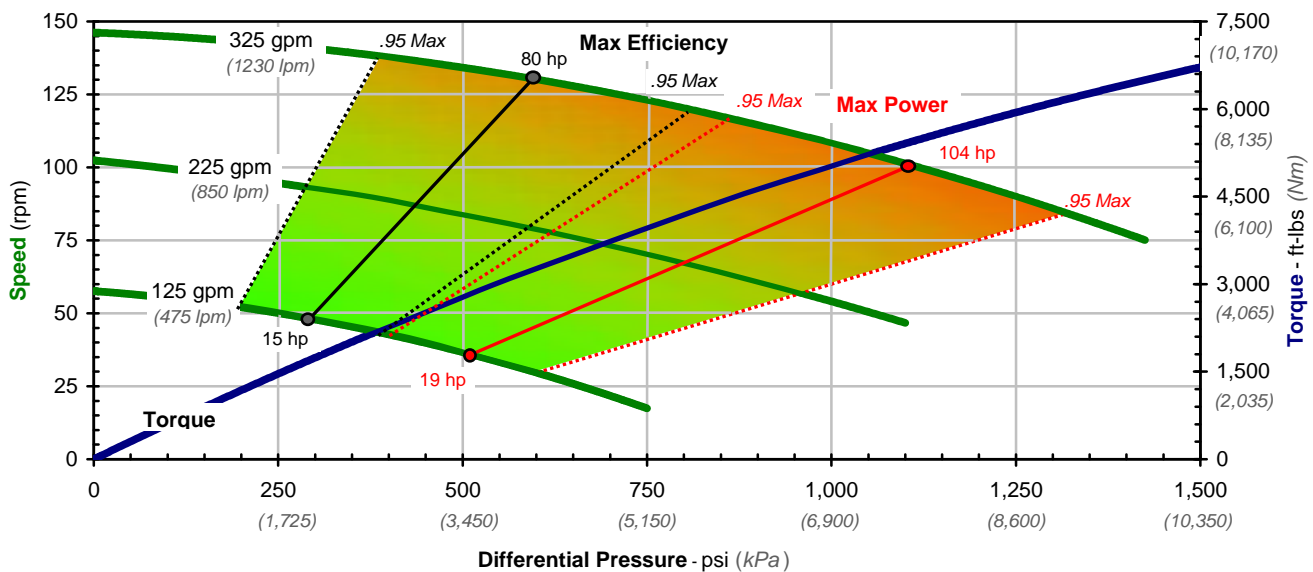
Torque	At max power	5,400 ft-lbs	(7,320 Nm)
	Stall	8,000 ft-lbs	(10,845 Nm)
Power	Max	104 hp	(78 Kw)
Speed	No load	55-145 rpm	-
	Rev/unit volume	0.45 rev/gal	(0.114 rev/liter)
Flow	Range	125-325 gpm	(475-1,230 lpm)
	No load - mid flow	190 psi	(1,310 kPa)
Pressure	At max power	1,100 psi	(7,585 kPa)
	Stall max	2,100 psi	(14,470 kPa)

SPECIFICATIONS

	Configuration			Lengths				Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback		Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	2.5	7	0.010 (0.25)	149.5 (3797)	182.0 (4623)	Top	8 (203)	4.75 (121)	3.75 (95.3)	3.25 (82.7)	2.528 (64.2)	4142 HR Tube Ultra-Flex® Insert	379 lbs (172 kg)	Customer Specified
				Btm	24 (610)									
Rotor	0.181 (4.6)	6		152.0 (3861)	158.0 (4113)	6.00 (152)		3.15 (80.0)	1 (25.4)	2.899 (73.6)		17-4 SS Bar	191 lbs (87 kg)	2-3/8" NC23
	Eccentricity					Head Length		Head OD	Rotor Bore					

Note: All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions.

.95 max highlights ranges in which 95% of max efficiency and power are obtained.

Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



650ERT6722

March 2010

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

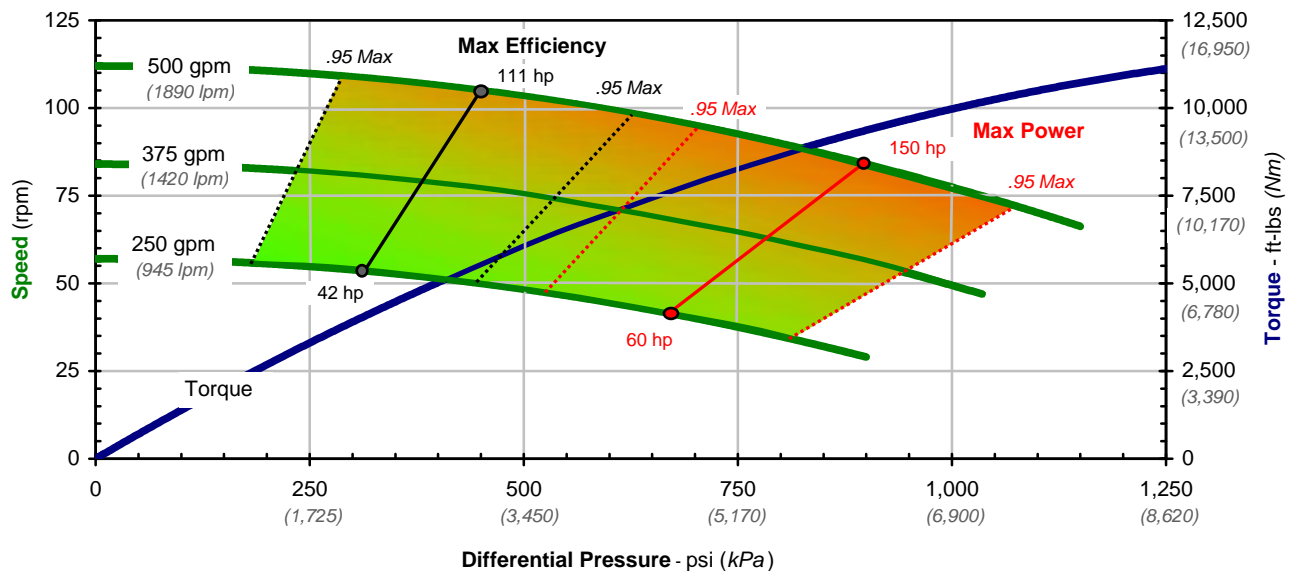
Torque	At max power	9,350 ft-lbs	(12,675 Nm)
	Stall	11,725 ft-lbs	(15,900 Nm)
Power	Max	150 hp	(112 Kw)
	No load	55-110 rpm	-
Speed	Rev/unit volume	0.22 rev/gal	(0.058 rev/liter)
	Flow Range	250-500 gpm	(950-1,890 lpm)
Flow	No load - mid flow	140 psi	(965 kPa)
	Pressure	At max power	900 psi
Stall max		1,800 psi	(12,410 kPa)

SPECIFICATIONS

	Configuration			Lengths				Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback		Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	2.2	7	0.015 (0.381)	161.5 (4102)	197.0 (5003)	Top	10.5 (267)	6.50 (165)	5.0 (127)	4.25 (108)	3.25 (82.6)	4142 HR Tube Ultra-Flex® Insert	905 lbs (410 kg)	Customer Specified
				Btm	25.0 (635)									
Rotor	0.250 (6.35)	6		164.5 (4178)	172.5 (4381)	8.00 (203)		4.50 (114.3)	1.375 (34.9)	3.765 (95.6)		17-4 SS Bar	408 lbs (185 kg)	3-1/2" API Regular
	Eccentricity			Head Length			Head OD	Rotor Bore						

All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions. .95 max highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



650ERT6727

October 2008

Moyno® **Even Rubber Thickness (ERT™)** power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

Torque	At max power	11,450 ft-lbs	(15,525 Nm)
	Stall	14,400 ft-lbs	(19,525 Nm)
Power	Max	190 hp	(142 Kw)
Speed	No load	55-110 rpm	-
	Rev/unit volume	0.22 rev/gal	(0.058 rev/liter)
Flow	Range	250-500 gpm	(950-1,890 lpm)
	No load - mid flow	150 psi	(1035 kPa)
Pressure	At max power	1,050 psi	(7,240 kPa)
	Stall max	2,125 psi	(14,650 kPa)

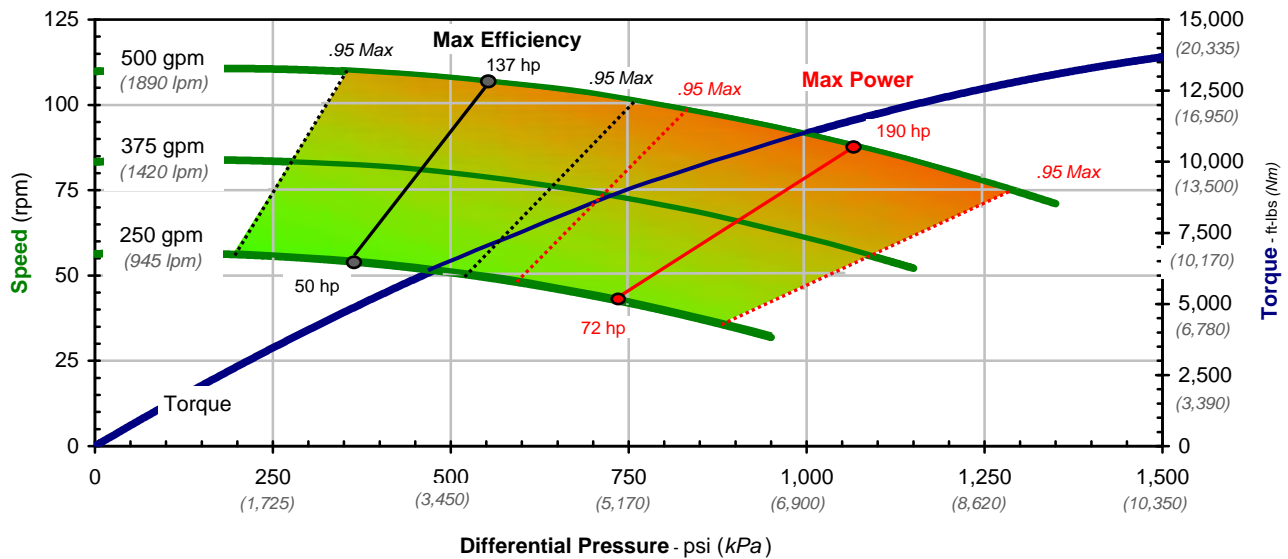
SPECIFICATIONS

	Configuration			Lengths				Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback ¹		Tube OD	Tube ID ²	Major	Minor	Material	Weight	Thread
Stator	2.7	7	0.015 (0.381)	194.5 (4940)	230 (5842)	Top	10.5 (267)	6.50 (165)	5.0 (127)	4.25 (108)	3.25 (82.6)	4142 HR Tube Ultra-Flex® Insert	1075 lbs (488 kg)	Customer Specified
Rotor	0.250 (6.35)	6		197.5 (5017)	205.5 (5220)	Btm	25.0 (635)	4.750 (120.7)	1.375 (34.9)	3.765 (95.6)				
	Eccentricity			Head Length			Head OD	Rotor Bore						

Notes: 1. Long cutback on downhole end permits placement of rotor connection 14" to 17" inboard of the stator box's face.
2. Downhole end of stator tube is bottle-bored to 5.375" to accept rotor head diameter.

All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions.
.95 max highlights ranges in which 95% of max efficiency and power are obtained.
Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



675ERT6729

October 2008

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

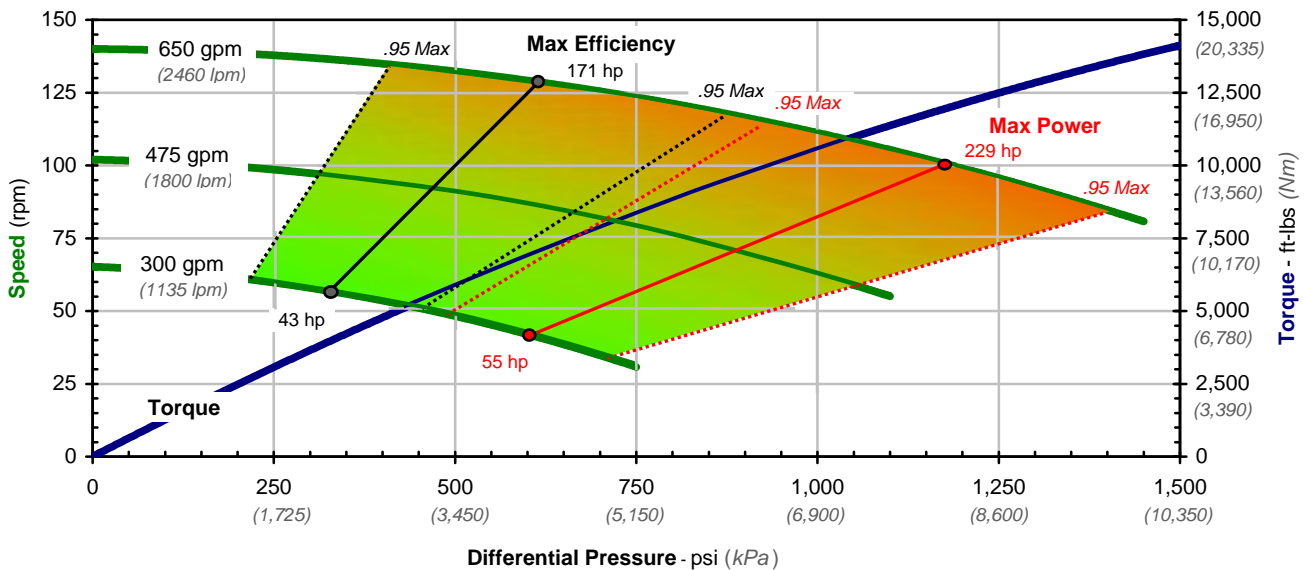
Torque	At max power	11,950 ft-lbs	(16,200 Nm)
	Stall	17,300 ft-lbs	(23,450 Nm)
Power	Max	229 hp	(171 Kw)
	No load	65-140 rpm	-
Speed	Rev/unit volume	0.21 rev/gal	(0.05 rev/liter)
	Range	300-650 gpm	(1,135-2,460 lpm)
Flow	No load - mid flow	210 psi	(1,450 kPa)
	At max power	1,175 psi	(8,100 kPa)
Pressure	Stall max	2,250 psi	(15,500 kPa)

SPECIFICATIONS

	Configuration			Lengths			Diameters				General Data		
	Stages	Lobes	Fit at 70°F	Contour	Overall	Rubber Cutback	Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	2.9	7	0.014 (0.36)	171.5 (4356)	202.0 (5131)	Top 10.5 (267) Btm 25 (635)	6.75 (171)	5.50 (139.7)	4.736 (120.3)	3.655 (92.8)	4142 HR Tube Ultra-Flex® Insert	758 lbs (344 kg)	Customer Specified
				169.0 (4293)	177.0 (4496)	8.00 (152)	4.75 (120.7)	2 (51)	4.212 (107.0)				
Rotor	0.272 (6.9)	6									17-4 SS Bar	544 lbs (247 kg)	3-1/2" API Reg
	Eccentricity			Head Length			Head OD	Rotor Bore					

Note: All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions. **.95 max** highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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Moyno® ERT™ Power Section



675ERT6731

October 2008

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

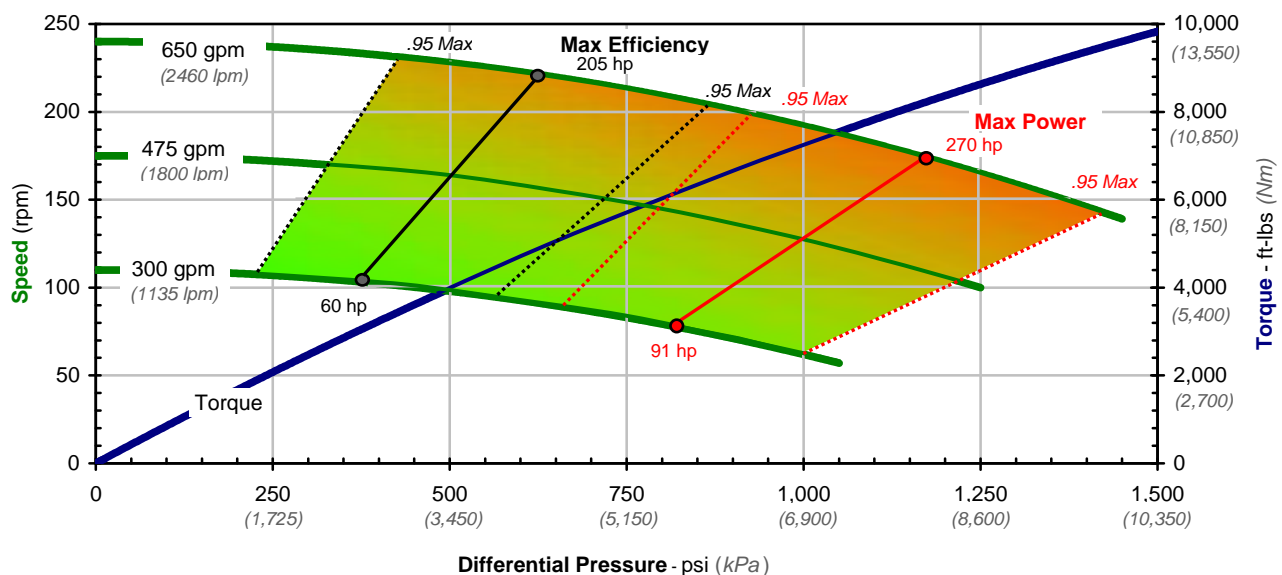
Torque	At max power	8,235 ft-lbs	(11,165 Nm)
	Stall	12,400 ft-lbs	(16,800 Nm)
Power	Max	270 hp	(201 Kw)
	No load	110-240 rpm	-
Speed	Rev/unit volume	0.37 rev/gal	(0.098 rev/liter)
	Range	300-650 gpm	(1,135-2,460 lpm)
Flow	No load - mid flow	125 psi	(862 kPa)
	At max power	1,175 psi	(8,095 kPa)
Pressure	Stall max	2,250 psi	(15,500 kPa)

SPECIFICATIONS

	Configuration			Lengths				Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback		Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	3.1	7	0.015 (0.381)	110 (2795)	127.75 (3245)	Top	10.5 (267)	6.75 (172)	5.50 (140)	4.75 (121)	3.632 (92.25)	4142 HR Tube Ultra-Flex® Insert	584 lbs (265 kg)	Customer Specified
				Btm	7.25 (184)									
Rotor	0.279 (7.09)	6		111 (2820)	116.5 (2959)	6.00 (152)		4.000 (101.6)	2.0 (51)	4.206 (106.8)		17-4 SS Bar	347 lbs (157 kg)	2-7/8" API Regular
	Eccentricity			Head Length			Head OD	Rotor Bore						

Note: All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions. .95 max highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



675ERT6748

October 2008

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

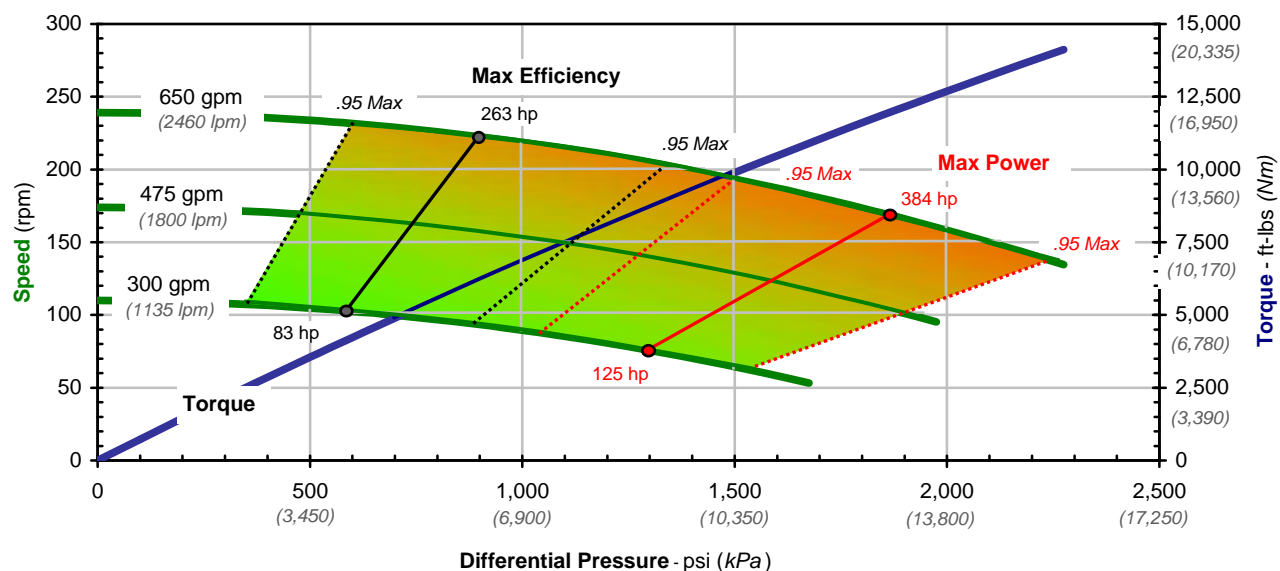
Torque	At max power	11,880 ft-lbs	(16,105 Nm)
	Stall	19,395 ft-lbs	(26,295 Nm)
Power	Max	384 hp	(286 Kw)
	No load	110-240 rpm	-
Speed	Rev/unit volume	0.37 rev/gal	(0.098 rev/liter)
	Range	300-650 gpm	(1,135-2,460 lpm)
Flow	No load - mid flow	135 psi	(930 kPa)
	At max power	1,850 psi	(12,755 kPa)
Pressure	Stall max	3,450 psi	(23,785 kPa)

SPECIFICATIONS

	Configuration			Lengths			Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback ¹	Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	4.8	7	0.015 (0.381)	166.5 (4229)	202 (5130)	Top 10.5 (267)	6.75 (172)	5.50 (140)	4.75 (121)	3.632 (92.25)	4142 HR Tube Ultra-Flex® Insert	885 lbs (400 kg)	Customer Specified
				Btm 25.0 (635)									
Rotor	0.279 (7.09)	6		169 (4293)	177 (4496)	8.00 (203)	4.750 (120.7)	2.0 (51)	4.206 (106.8)		17-4 SS Bar	530 lbs (240 kg)	3-1/2" API Regular
	Eccentricity			Head Length			Head OD	Rotor Bore					

Notes: 1. Long cutback on downhole end permits placement of rotor connection 14" to 17" inboard of the stator box's face. All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions. .95 max highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



800ERT5652

October 2008

Moyno® **Even Rubber Thickness** (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

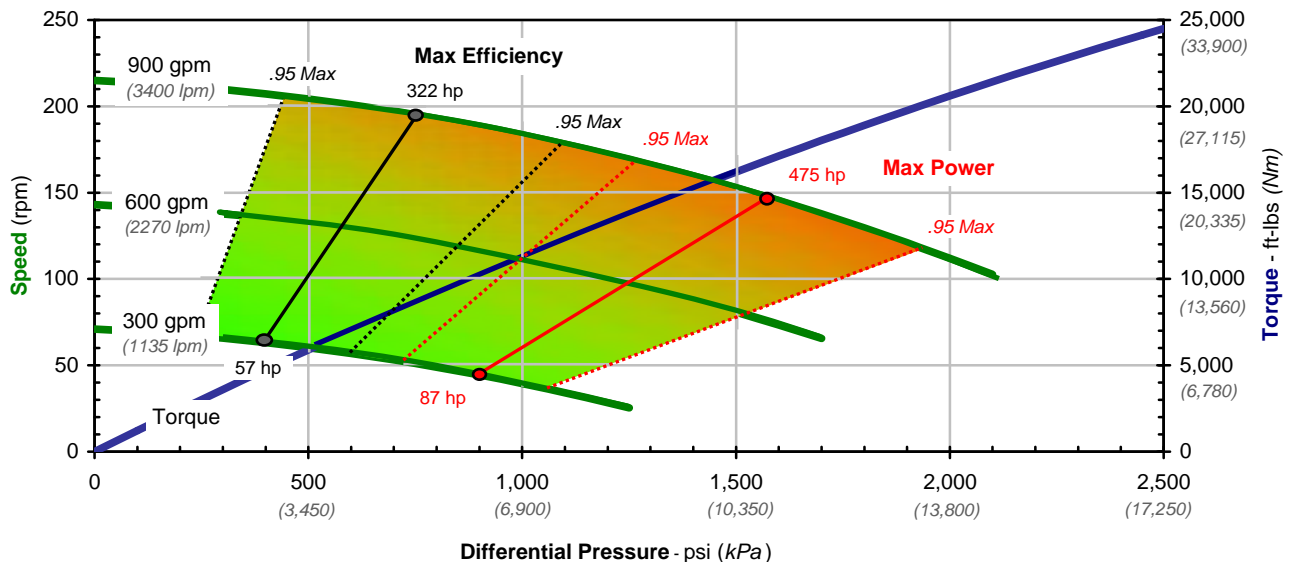
Torque	At max power	17,120 ft-lbs	(23,210 Nm)
	Stall	27,900 ft-lbs	(37,825 Nm)
Power	Max	475 hp	(354 Kw)
	No load	71-215 rpm	-
Speed	Rev/unit volume	0.237 rev/gal	(0.063 rev/liter)
	Range	300-900 gpm	(1,135-3,400 lpm)
Flow	No load - mid flow	100 psi	(689 kPa)
	At max power	1600 psi	(11,030 kPa)
Pressure	Stall max	3,000 psi	(20,685 kPa)

SPECIFICATIONS

	Configuration			Lengths				Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback		Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	5.2	6	0.015 (0.381)	220 (5588)	240 (6096)	Top	10.0 (254)	8.00 (203)	6.25 (159)	5.40 (137)	3.96 (101)	4142 HR Tube Ultra-Flex® Insert	1700 lbs (771 kg)	Customer Specified
				Btm	10.0 (254)									
Rotor	0.36 (9.14)	5		221 (5613)	228 (5791)	7.00 (178)		4.75 (120)	2.0 (51)	4.695 (119.3)		17-4 SS Bar	810 lbs (367 kg)	3.5" API REG
	Eccentricity			Head Length		Head OD		Rotor Bore						

All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150°F. Actual field performance will vary based on fit and operational conditions. **.95 max** highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



962ERT6735

September 2010

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

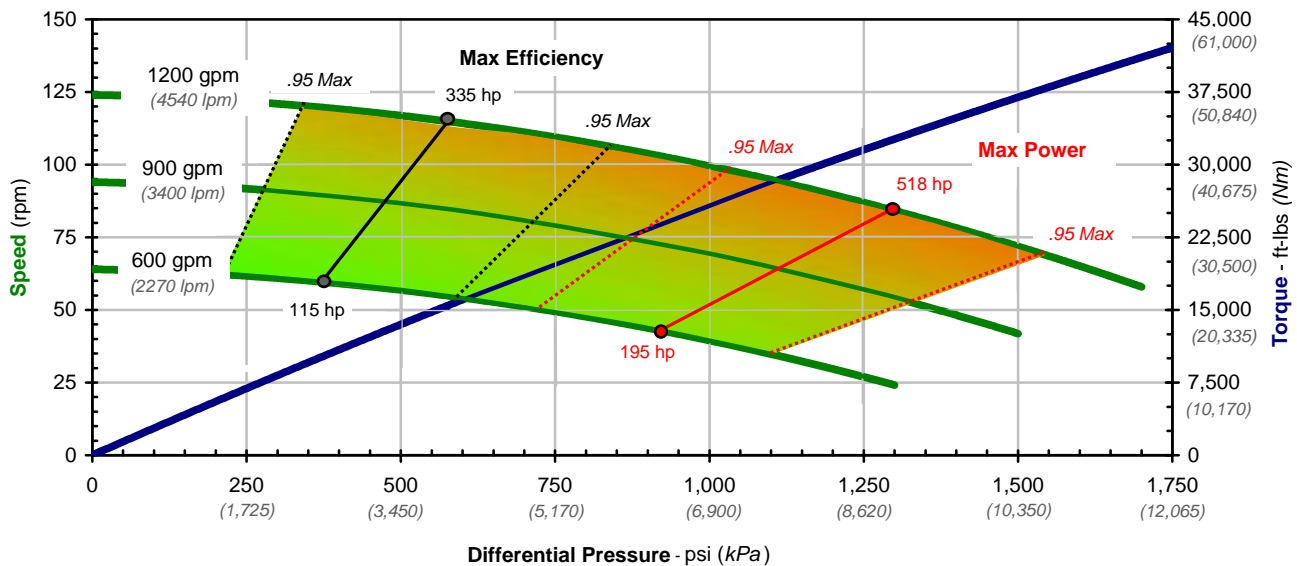
Torque	At max power	32,275 ft-lbs	(43,750 Nm)
	Stall	54,000 ft-lbs	(73,215 Nm)
Power	Max	518 hp	(386 Kw)
Speed	No load	65-125 rpm	-
	Rev/unit volume	0.107 rev/gal	(0.028 rev/liter)
Flow	Range	600-1,200 gpm	(2,270-4,540 lpm)
	No load - mid flow	100 psi	(689 kPa)
Pressure	At max power	1,300 psi	(8,965 kPa)
	Stall max	2,400 psi	(16,550 kPa)

SPECIFICATIONS

	Configuration			Lengths			Diameters				General Data			
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback		Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	3.5	7	0.017 (0.432)	183 (4648)	210 (5334)	Top	13.5 (343)	9.62 (244)	7.855 (199.5)	7.005 (177.9)	5.355 (136)	4142 HR Tube Ultra-Flex® Insert	1950 lbs (885 kg)	Customer Specified
						Btm	13.5 (343)							
Rotor	0.412 (10.46)	6		189.5 (4813)	197.5 (5017)	8.00 (203)		5.900 (149.9)	2.0 (51)	6.196 (157.4)		17-4 SS Bar	1200 lbs (544 kg)	4" API Full Hole
	Eccentricity			Head Length			Head OD	Rotor Bore						

All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150 °F. Actual field performance will vary based on fit and operational conditions. **.95 max** highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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**Moyno® ERT™
Power Section**



1125ERT6735

September 2010

Moyno® Even Rubber Thickness (ERT™) power sections dramatically improve motor ROP by providing over 100% more power to the drill bit than conventional power sections of the same length. High power outputs are achieved by applying an even thickness of rubber to an internally machined, one-piece stator contour.

Performance Summary

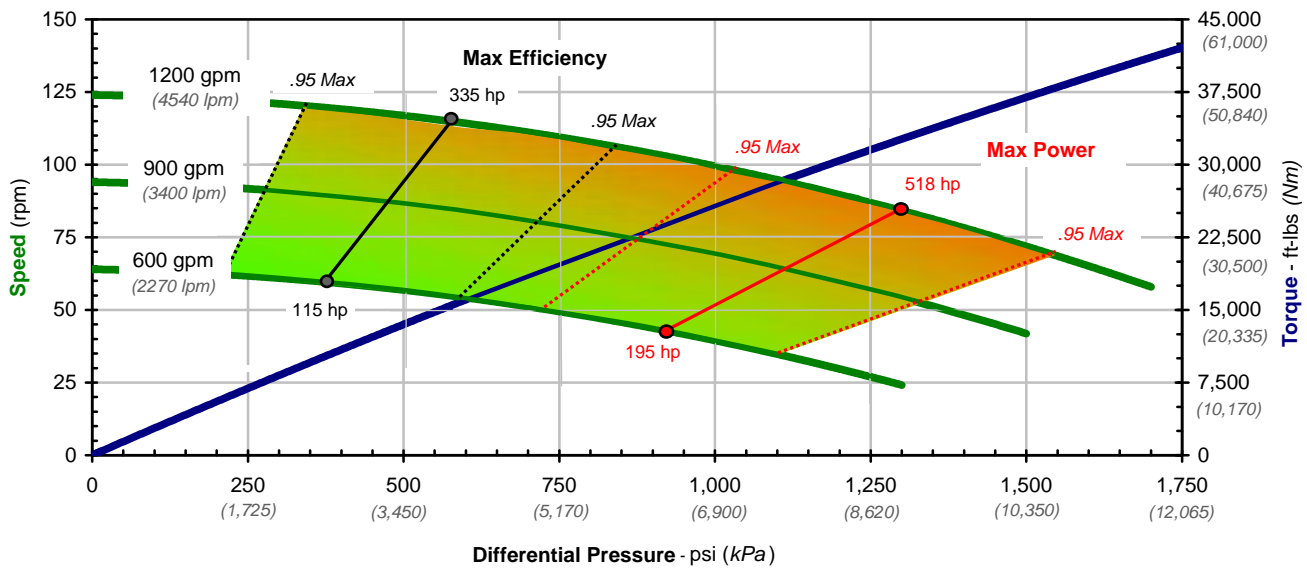
Torque	At max power	32,275 ft-lbs	(43,750 Nm)
	Stall	54,000 ft-lbs	(73,215 Nm)
Power	Max	518 hp	(386 Kw)
	No load	65-125 rpm	-
Speed	Rev/unit volume	0.107 rev/gal	(0.028 rev/liter)
	Range	600-1,200 gpm	(2,270-4,540 lpm)
Flow	No load - mid flow	100 psi	(689 kPa)
	At max power	1,300 psi	(8,965 kPa)
Pressure	Stall max	2,400 psi	(16,550 kPa)

SPECIFICATIONS

	Configuration			Lengths			Diameters				General Data		
	Stages	Lobes	Fit at 75°F	Contour	Overall	Rubber Cutback	Tube OD	Tube ID	Major	Minor	Material	Weight	Thread
Stator	3.5	7	0.017 (0.432)	183 (4648)	210 (5334)	Top 13.5 (343) Btm 13.5 (343)	11.25 (286)	7.855 (199.5)	7.005 (177.9)	5.355 (136)	4142 HR Tube Ultra-Flex® Insert	3157 lbs (1432 kg)	Customer Specified
Rotor				0.412 (10.46)	6	189.5 (4813)	197.5 (5017)	8.00 (203)	5.900 (149.9)	2.0 (51)			
	Eccentricity			Head Length		Head OD	Rotor Bore						

All dimensions are in inches (mm) unless otherwise noted and are subject to change without notice.

PERFORMANCE



Notes: Performance curves based on dyno testing at 150 °F. Actual field performance will vary based on fit and operational conditions. **.95 max** highlights ranges in which 95% of max efficiency and power are obtained. Higher differential pressures and flow rates reduce stator life.

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