



The Leading Edge in Power Sections

**POWER SECTION**

**Model No: BT475783.8 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	178.00
Contour Length	172.25
Major Diameter	2.945
Eccentricity	0.163
Head diameter	2.750
Thread Form	2.375 HEF Modified
Weight	239 lbs
Material	17-4 PH <sup>1</sup>

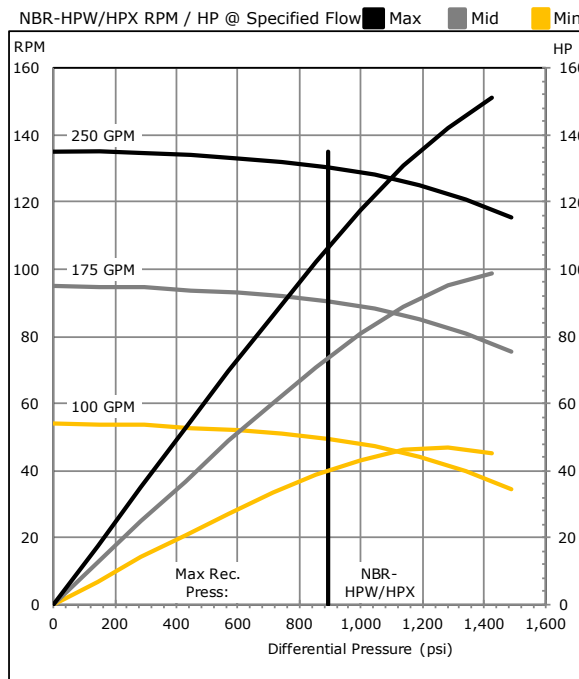
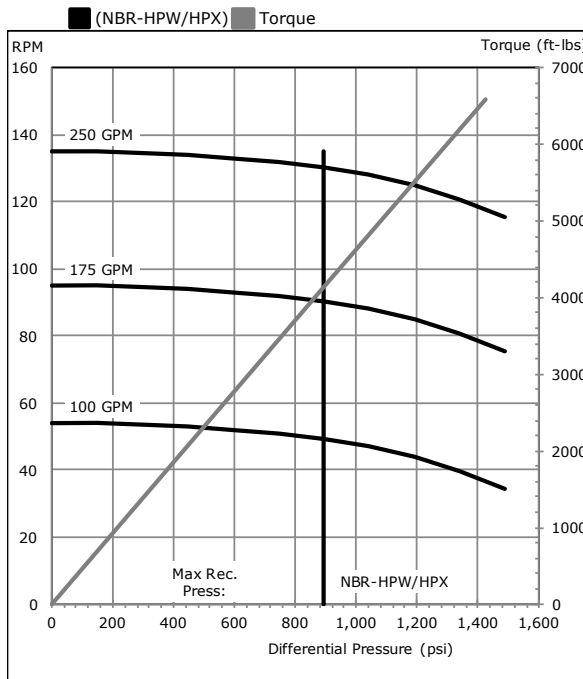
Stator Specifications	
	inches
Overall Length	187.00
Tube OD	4.75
Tube ID	3.75
Rubber Cutback Top/End	8.00 / 8.00
Weight	405 lbs
Number of Stages	3.8
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (in)	Fits (+ Compression / - Loose)					
	Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F
STD	2.621	-0.002	0.009	0.019	0.036	0.046
.5 OS						
1.0 OS	2.636	-0.017	-0.006	0.004	0.020	0.031
1.5 OS						
2.0 OS						

NBR-HPX (in)	Fits (+ Compression / - Loose)						
	Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	2.621	-0.002	0.009	0.019	0.036	0.046	
.5 OS							
1.0 OS	2.636	-0.017	-0.006	0.004	0.020	0.031	
1.5 OS							
2.0 OS							

Performance Specifications	
Flow Range (gpm)	100 - 250
Speed Range (rpm)	50 - 140
Torque Slope (ft-lb/psi)	4.62
Rotation (rev/gal)	0.540
Off Bottom Pressure (psi)	50

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	900
Stall Diff Press (psi)	2010
Max Torque (ft-lb)	4130
Stall Torque (ft-lb)	9290



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 75°F <sup>3</sup> BHCT Exceeding 320°F will void warranty for HPW/HPX.

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**LOCATIONS**

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 US: Sales & Distribution 11308 West Interstate 20 East, Odessa, TX 79765 - Tel: (432) 248-1814  
 CANADA: Stator Manufacturin 6303-39th Street Leduc, Alberta T9E 0Z3 Canada - Tel: (780) 986-8947 - Fax: (780) 986-8842

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The Leading Edge in Power Sections

**POWER SECTION - METRIC**

**Model No: BT475783.8 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	4521.2
Contour Length	4375.2
Major Diameter	74.80
Eccentricity	4.14
Head diameter	69.85
Thread Form	2.375 HEF Modified
Weight	108 kg
Material	17-4 PH <sup>1</sup>

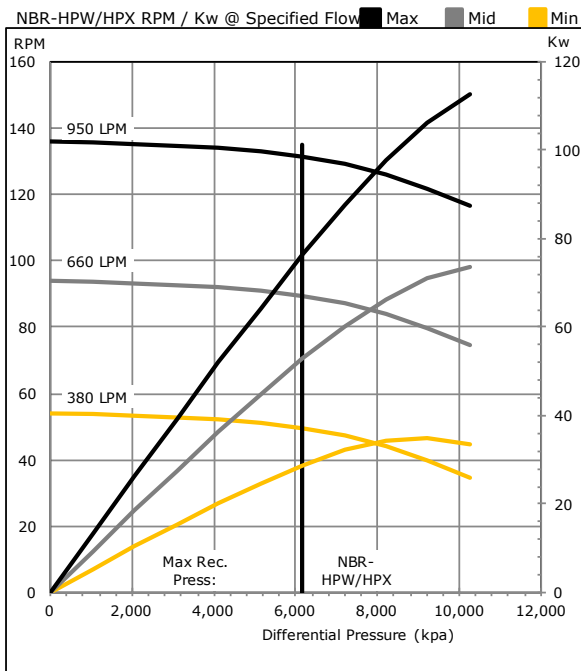
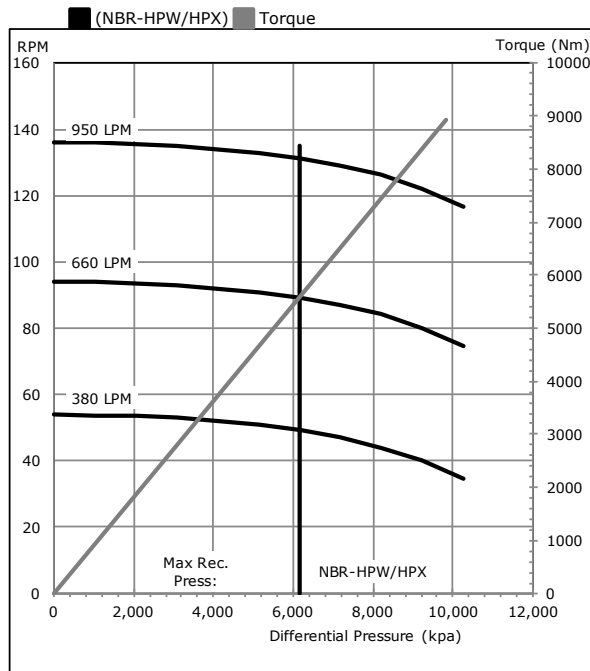
Stator Specifications	
	mm
Overall Length	4749.8
Tube OD	120.7
Tube ID	95.3
Rubber Cutback Top/End	203.0 / 203.0
Weight	184 kg
Number of Stages	3.8
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (mm)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	66.57	-0.05	0.22	0.36	0.49	0.63
.5 OS						
1.0 OS	66.95	-0.43	-0.16	-0.03	0.11	0.24
1.5 OS						
2.0 OS						

NBR-HPX (mm)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	66.57	-0.05	0.22	0.36	0.49	0.63
.5 OS						
1.0 OS	66.95	-0.43	-0.16	-0.03	0.11	0.24
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (lpm)	380 - 950
Speed Range (rpm)	50 - 140
Torque Slope (Nm/kpa)	0.91
Rotation (rev/Liter)	0.1427
Off Bottom Pressure (kpa)	340

Performance Details		NBR-HPW/HPX	
Max Diff Press (kpa)			6200
Stall Diff Press (kpa)			14600
Max Torque (Nm)			5600
Stall Torque (Nm)			13300



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**POWER SECTION**

**Model No: BT500678.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	241.00
Contour Length	235.00
Major Diameter	3.018
Eccentricity	0.192
Head diameter	2.900
Thread Form	2.375 HEF Modified
Weight	329 lbs
Material	17-4 PH <sup>1</sup>

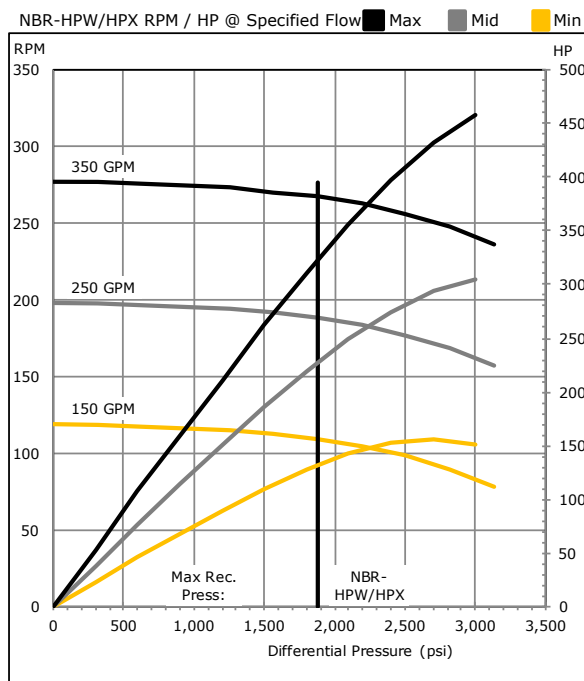
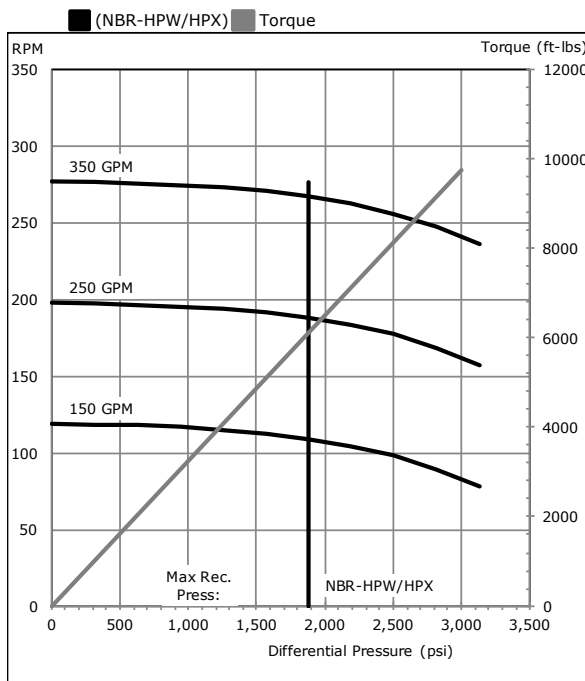
Stator Specifications	
	inches
Overall Length	250.00
Tube OD	5.00
Tube ID	4.00
Rubber Cutback Top/End	8.00 / 8.00
Weight	659 lbs
Number of Stages	8.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (in)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	2.648	-0.014	-0.007	0.000	0.010	0.016
.5 OS						
1.0 OS	2.659	-0.025	-0.018	-0.012	-0.002	0.005
1.5 OS	2.664	-0.030	-0.023	-0.017	-0.007	0.000
2.0 OS						

NBR-HPX (in)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	2.648	-0.014	-0.007	0.000	0.010	0.016
.5 OS						
1.0 OS	2.659	-0.025	-0.018	-0.012	-0.002	0.005
1.5 OS	2.664	-0.030	-0.023	-0.017	-0.007	0.000
2.0 OS						

Performance Specifications	
Flow Range (gpm)	150 - 350
Speed Range (rpm)	120 - 280
Torque Slope (ft-lb/psi)	3.25
Rotation (rev/gal)	0.790
Off Bottom Pressure (psi)	110

Performance Details		NBR-HPW/HPX	
Max Diff Press (psi)		1880	
Stall Diff Press (psi)		4230	
Max Torque (ft-lb)		6110	
Stall Torque (ft-lb)		13750	



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The Leading Edge in Power Sections

**POWER SECTION - METRIC**

**Model No: BT500678.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	6121.4
Contour Length	5969.0
Major Diameter	76.66
Eccentricity	4.88
Head diameter	73.66
Thread Form	2.375 HEF Modified
Weight	149 kg
Material	17-4 PH <sup>1</sup>

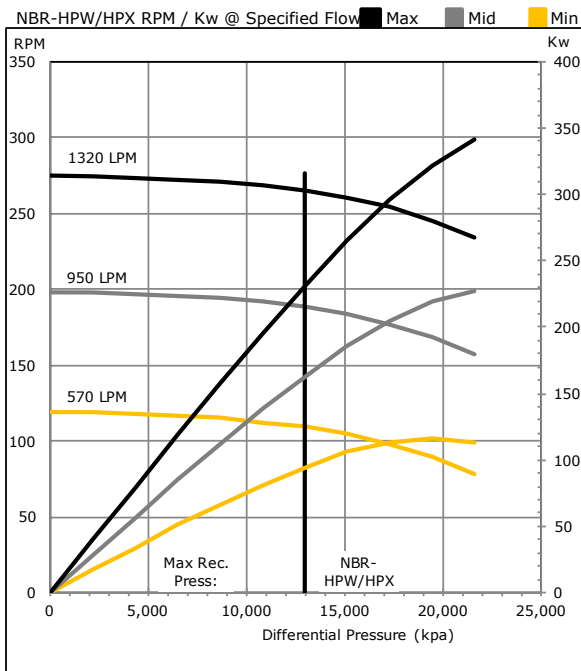
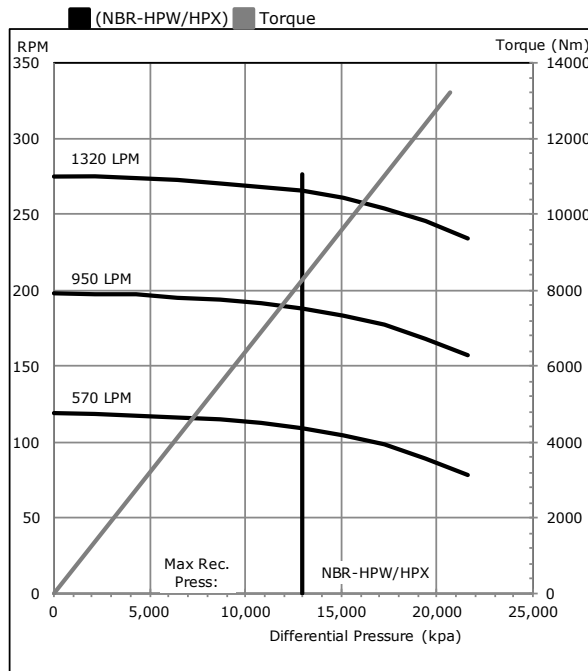
Stator Specifications	
	mm
Overall Length	6350.0
Tube OD	127.0
Tube ID	101.6
Rubber Cutback Top/End	203.0 / 203.0
Weight	299 kg
Number of Stages	8.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (mm)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	67.26	-0.36	-0.18	-0.10	-0.01	0.07
.5 OS						
1.0 OS	67.54	-0.63	-0.46	-0.38	-0.29	-0.21
1.5 OS	67.67	-0.76	-0.59	-0.51	-0.42	-0.34
2.0 OS						

NBR-HPX (mm)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	67.26	-0.36	-0.18	-0.10	-0.01	0.07
.5 OS						
1.0 OS	67.54	-0.63	-0.46	-0.38	-0.29	-0.21
1.5 OS	67.67	-0.76	-0.59	-0.51	-0.42	-0.34
2.0 OS						

Performance Specifications	
Flow Range (lpm)	570 - 1320
Speed Range (rpm)	120 - 280
Torque Slope (Nm/kpa)	0.64
Rotation (rev/Liter)	0.2087
Off Bottom Pressure (kpa)	780

Performance Details		NBR-HPW/HPX	
Max Diff Press (kpa)			13000
Stall Diff Press (kpa)			30700
Max Torque (Nm)			8300
Stall Torque (Nm)			19600



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The Leading Edge in Power Sections

POWER SECTION

Model No: **BT500782.6 ESX EVENT**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	220.00
Contour Length	214.25
Major Diameter	3.095
Eccentricity	0.174
Head diameter	2.750
Thread Form	2.375 HEF Modified
Weight	381 lbs
Material	17-4 PH <sup>1</sup>

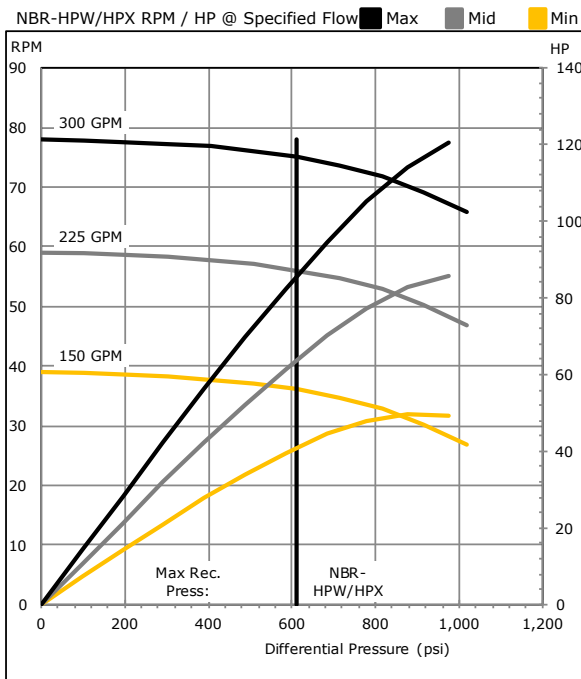
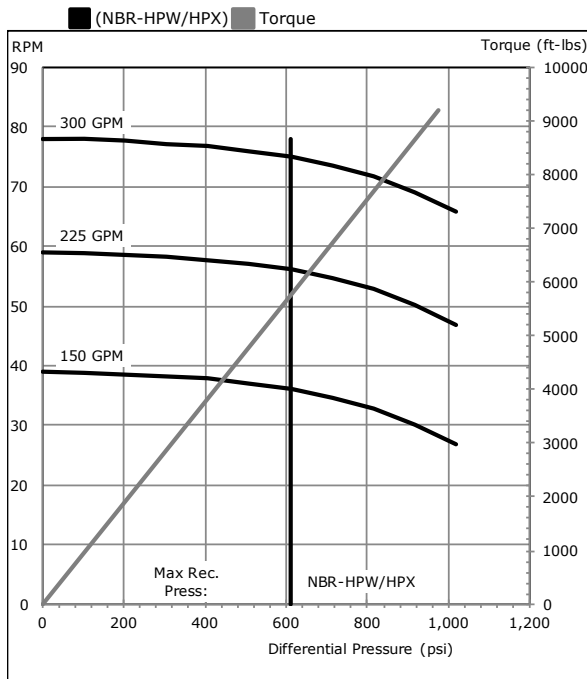
Stator Specifications	
	inches
Overall Length	229.25
Tube OD	5.00
Tube ID	3.75
Rubber Cutback Top/End	8.00 / 8.00
Weight	604 lbs
Number of Stages	2.6
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (in) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	2.756	-0.008	0.000	0.008	0.019	0.027
.5 OS						
1.0 OS						
1.5 OS						
2.0 OS						

Size	NBR-HPX (in) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	2.756	-0.008	0.000	0.008	0.019	0.027
.5 OS						
1.0 OS						
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (gpm)	150 - 300
Speed Range (rpm)	40 - 80
Torque Slope (ft-lb/psi)	9.44
Rotation (rev/gal)	0.260
Off Bottom Pressure (psi)	40

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	620
Stall Diff Press (psi)	1380
Max Torque (ft-lb)	5770
Stall Torque (ft-lb)	12980



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The Leading Edge in Power Sections

POWER SECTION - METRIC

Model No: BT500782.6 ESX EVENTEK

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	5588.0
Contour Length	5442.0
Major Diameter	78.61
Eccentricity	4.41
Head diameter	69.85
Thread Form	2.375 HEF Modified
Weight	173 kg
Material	17-4 PH <sup>1</sup>

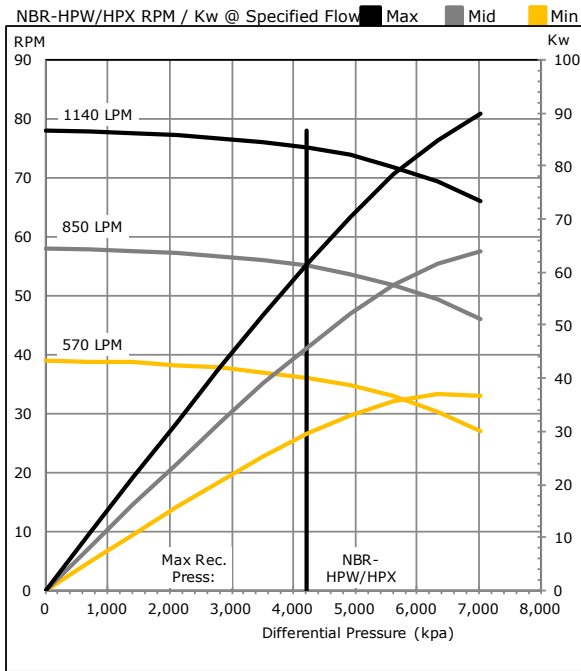
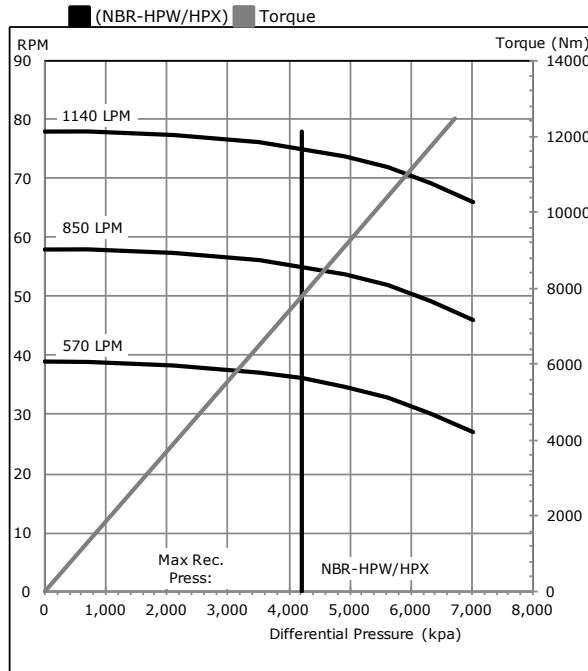
Stator Specifications	
	mm
Overall Length	5823.0
Tube OD	127.0
Tube ID	95.3
Rubber Cutback Top/End	203.0 / 203.0
Weight	274 kg
Number of Stages	2.6
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	70.00	-0.20	-0.01	0.09	0.19	0.29
.5 OS						
1.0 OS						
1.5 OS						
2.0 OS						

Size	NBR-HPX (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	70.00	-0.20	-0.01	0.09	0.19	0.29
.5 OS						
1.0 OS						
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (lpm)	570 - 1140
Speed Range (rpm)	40 - 80
Torque Slope (Nm/kpa)	1.86
Rotation (rev/Liter)	0.0687
Off Bottom Pressure (kpa)	280

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	4300
Stall Diff Press (kpa)	10000
Max Torque (Nm)	7900
Stall Torque (Nm)	18500



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**POWER SECTION**

**Model No: BT500783.8 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	178.00
Contour Length	172.25
Major Diameter	2.945
Eccentricity	0.163
Head diameter	2.750
Thread Form	2.375 HEF Modified
Weight	239 lbs
Material	17-4 PH <sup>1</sup>

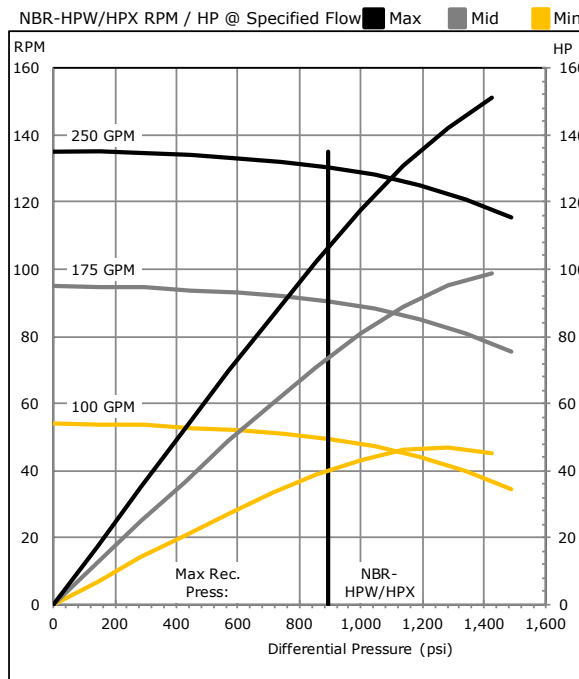
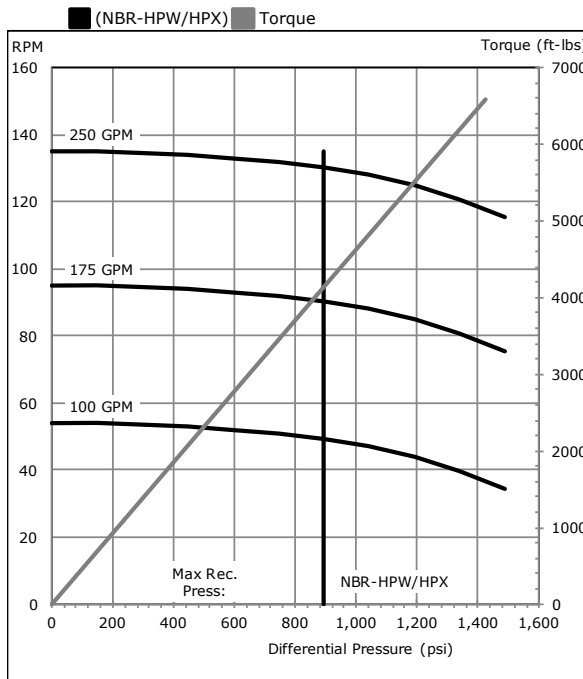
Stator Specifications	
	inches
Overall Length	187.00
Tube OD	5.00
Tube ID	3.75
Rubber Cutback Top/End	8.00 / 8.00
Weight	506 lbs
Number of Stages	3.8
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (in)	Fits (+ Compression / - Loose)					
	Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F
STD	2.621	-0.002	0.009	0.019	0.036	0.046
.5 OS						
1.0 OS	2.636	-0.017	-0.006	0.004	0.020	0.031
1.5 OS						
2.0 OS						

NBR-HPX (in)	Fits (+ Compression / - Loose)					
	Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F
STD	2.621	-0.002	0.009	0.019	0.036	0.046
.5 OS						
1.0 OS	2.636	-0.017	-0.006	0.004	0.020	0.031
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (gpm)	100 - 250
Speed Range (rpm)	50 - 140
Torque Slope (ft-lb/psi)	4.62
Rotation (rev/gal)	0.540
Off Bottom Pressure (psi)	50

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	900
Stall Diff Press (psi)	2010
Max Torque (ft-lb)	4130
Stall Torque (ft-lb)	9290



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**POWER SECTION - METRIC**

**Model No: BT500783.8 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	4521.2
Contour Length	4375.2
Major Diameter	74.80
Eccentricity	4.14
Head diameter	69.85
Thread Form	2.375 HEF Modified
Weight	108 kg
Material	17-4 PH <sup>1</sup>

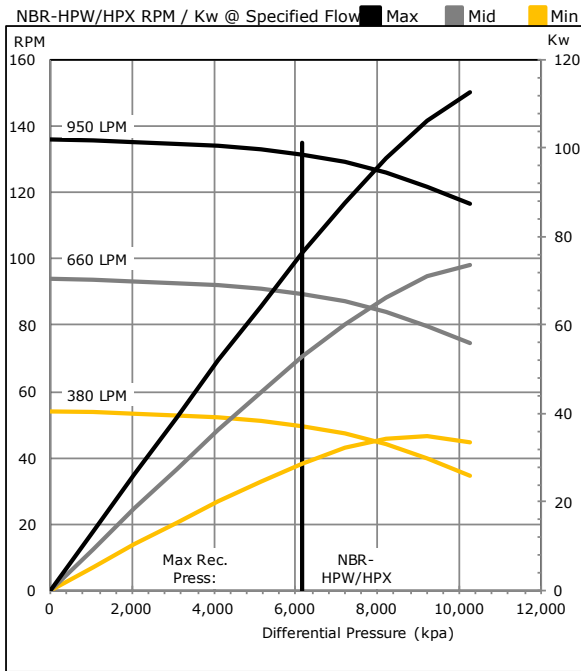
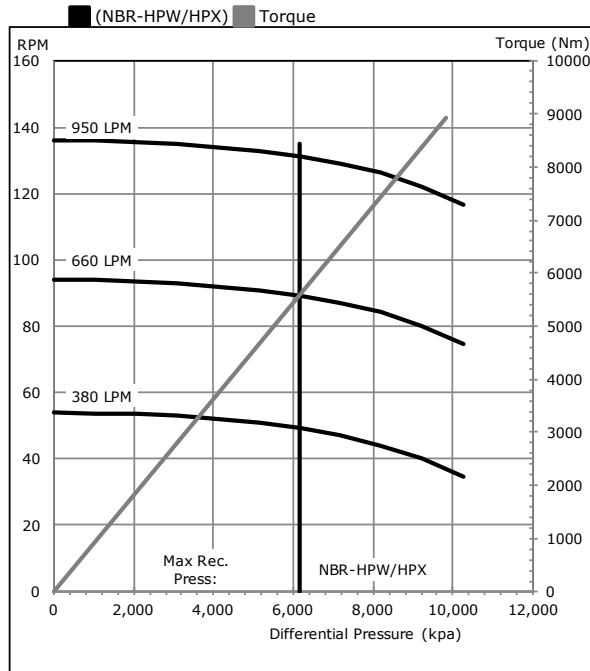
Stator Specifications	
	mm
Overall Length	4749.8
Tube OD	127.0
Tube ID	95.3
Rubber Cutback Top/End	203.0 / 203.0
Weight	230 kg
Number of Stages	3.8
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	66.57	-0.05	0.22	0.36	0.49	0.63
.5 OS						
1.0 OS	66.95	-0.43	-0.16	-0.03	0.11	0.24
1.5 OS						
2.0 OS						

Size	NBR-HPX (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	66.57	-0.05	0.22	0.36	0.49	0.63
.5 OS						
1.0 OS	66.95	-0.43	-0.16	-0.03	0.11	0.24
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (lpm)	380 - 950
Speed Range (rpm)	50 - 140
Torque Slope (Nm/kpa)	0.91
Rotation (rev/Liter)	0.1427
Off Bottom Pressure (kpa)	340

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	6200
Stall Diff Press (kpa)	14600
Max Torque (Nm)	5600
Stall Torque (Nm)	13300



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 25°C <sup>3</sup> BHCT Exceeding 160°C will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

**LOCATIONS**

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The Leading Edge in Power Sections

**POWER SECTION**

**Model No: BT675457.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	202.50
Contour Length	195.50
Major Diameter	4.22
Eccentricity	0.355
Head diameter	4.000
Thread Form	2.875 API REG
Weight	505 lbs
Material	17-4 PH <sup>1</sup>

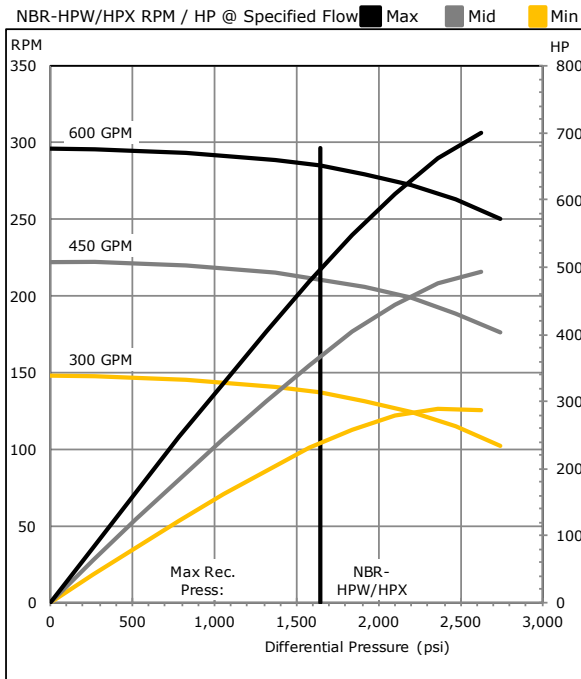
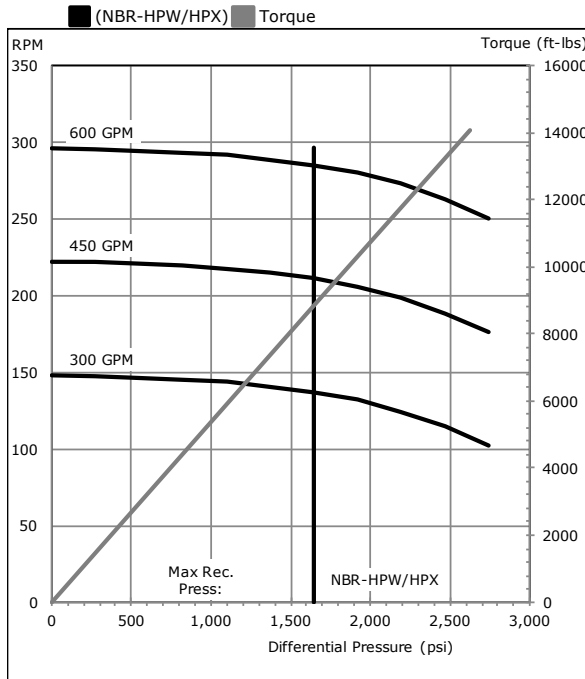
Stator Specifications	
	inches
Overall Length	210.00
Tube OD	6.75
Tube ID	5.50
Rubber Cutback Top/End	7.50 / 7.50
Weight	1020 lbs
Number of Stages	7.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (in)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	3.516	-0.006	0.001	0.008	0.018	0.025
.5 OS						
1.0 OS	3.526	-0.016	-0.009	-0.002	0.008	0.015
1.5 OS						
2.0 OS	3.533	-0.023	-0.016	-0.009	0.001	0.008

NBR-HPX (in)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	3.516	-0.006	0.001	0.008	0.018	0.025
.5 OS						
1.0 OS	3.526	-0.016	-0.009	-0.002	0.008	0.015
1.5 OS						
2.0 OS	3.533	-0.023	-0.016	-0.009	0.001	0.008

Performance Specifications	
Flow Range (gpm)	300 - 600
Speed Range (rpm)	150 - 300
Torque Slope (ft-lb/psi)	5.36
Rotation (rev/gal)	0.494
Off Bottom Pressure (psi)	150

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	1650
Stall Diff Press (psi)	3710
Max Torque (ft-lb)	8820
Stall Torque (ft-lb)	19840



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 75°F <sup>3</sup> BHCT Exceeding 320°F will void warranty for HPW/HPX.

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The Leading Edge in Power Sections

POWER SECTION - METRIC

Model No: BT675457.0 EVENTEK

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	5143.5
Contour Length	4965.7
Major Diameter	107.19
Eccentricity	9.02
Head diameter	101.60
Thread Form	2.875 API REG
Weight	229 kg
Material	17-4 PH <sup>1</sup>

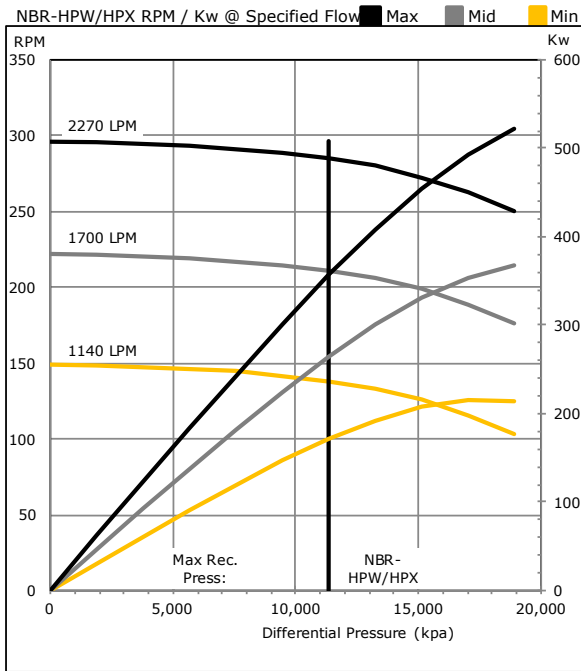
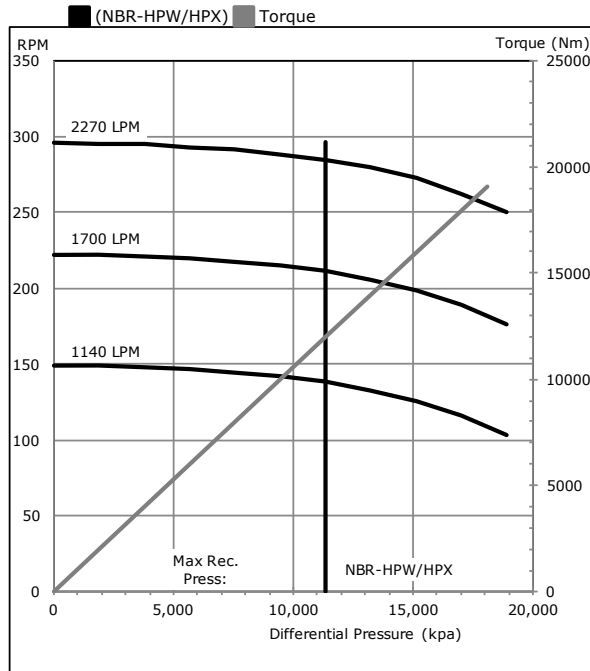
Stator Specifications	
	mm
Overall Length	5334.0
Tube OD	171.5
Tube ID	139.7
Rubber Cutback Top/End	191.0 / 191.0
Weight	463 kg
Number of Stages	7.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (mm)	Fits (+ Compression / - Loose)					
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	89.31	-0.15	0.02	0.11	0.20	0.29
.5 OS						
1.0 OS	89.56	-0.41	-0.23	-0.14	-0.06	0.03
1.5 OS						
2.0 OS	89.74	-0.58	-0.41	-0.32	-0.23	-0.15

NBR-HPX (mm)	Fits (+ Compression / - Loose)					
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	89.31	-0.15	0.02	0.11	0.20	0.29
.5 OS						
1.0 OS	89.56	-0.41	-0.23	-0.14	-0.06	0.03
1.5 OS						
2.0 OS	89.74	-0.58	-0.41	-0.32	-0.23	-0.15

Performance Specifications	
Flow Range (lpm)	1140 - 2270
Speed Range (rpm)	150 - 300
Torque Slope (Nm/kpa)	1.05
Rotation (rev/Liter)	0.1305
Off Bottom Pressure (kpa)	1040

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	11400
Stall Diff Press (kpa)	26800
Max Torque (Nm)	12000
Stall Torque (Nm)	28300



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 25°C <sup>3</sup> BHCT Exceeding 160°C will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION**

**Model No: BT675675.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	194.00
Contour Length	188.00
Major Diameter	4.316
Eccentricity	0.288
Head diameter	4.000
Thread Form	2.875 API REG
Weight	608 lbs
Material	17-4 PH <sup>1</sup>

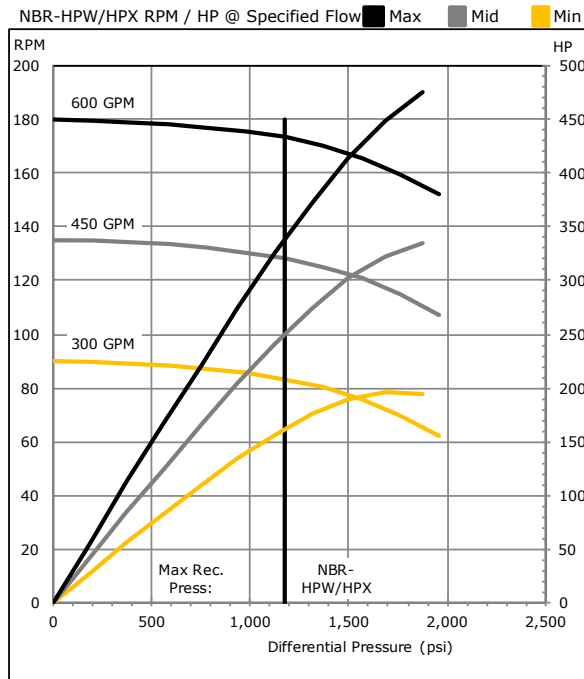
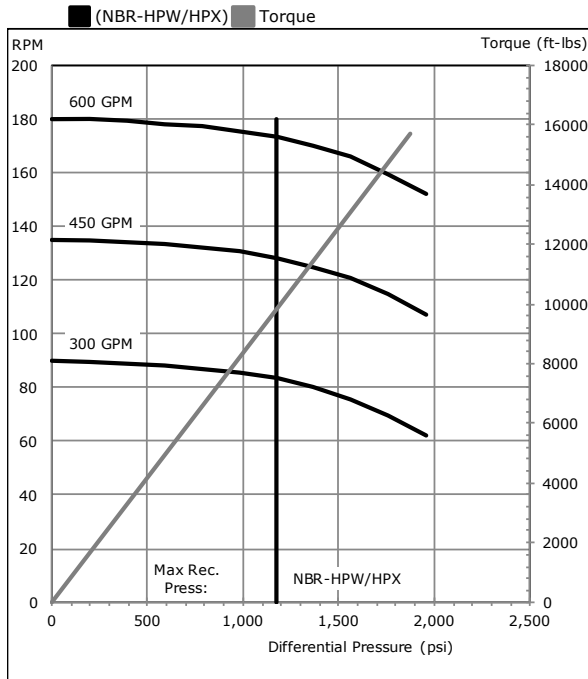
Stator Specifications	
	inches
Overall Length	200.00
Tube OD	6.75
Tube ID	5.50
Rubber Cutback Top/End	7.25 / 7.25
Weight	901 lbs
Number of Stages	5.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (in) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	3.741	-0.001	0.007	0.015	0.027	0.035
.5 OS						
1.0 OS	3.756	-0.016	-0.008	0.000	0.011	0.019
1.5 OS						
2.0 OS						

Size	NBR-HPX (in) Fits (+ Compression / - Loose)						
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>	
STD	3.741	-0.001	0.007	0.015	0.027	0.035	
.5 OS							
1.0 OS	3.756	-0.016	-0.008	0.000	0.011	0.019	
1.5 OS							
2.0 OS							

Performance Specifications	
Flow Range (gpm)	300 - 600
Speed Range (rpm)	90 - 180
Torque Slope (ft-lb/psi)	8.38
Rotation (rev/gal)	0.300
Off Bottom Pressure (psi)	110

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	1180
Stall Diff Press (psi)	2650
Max Torque (ft-lb)	9850
Stall Torque (ft-lb)	22160



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 75°F <sup>3</sup> BHCT Exceeding 320°F will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION - METRIC**

**Model No: BT675675.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	4927.6
Contour Length	4775.2
Major Diameter	109.63
Eccentricity	7.32
Head diameter	101.60
Thread Form	2.875 API REG
Weight	276 kg
Material	17-4 PH <sup>1</sup>

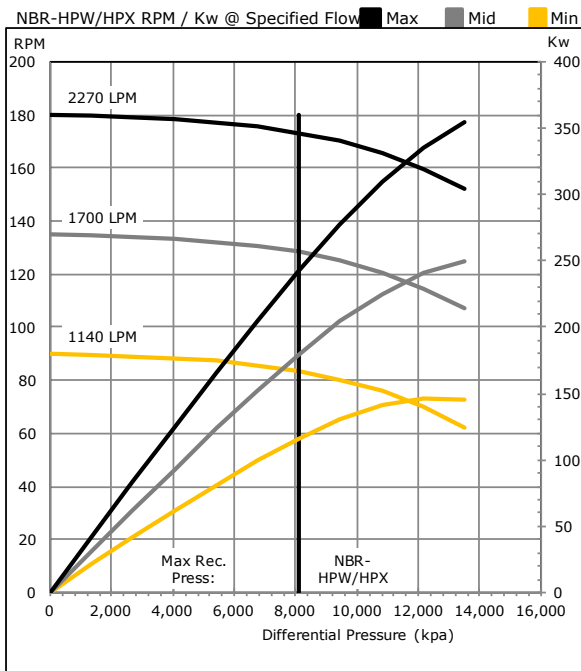
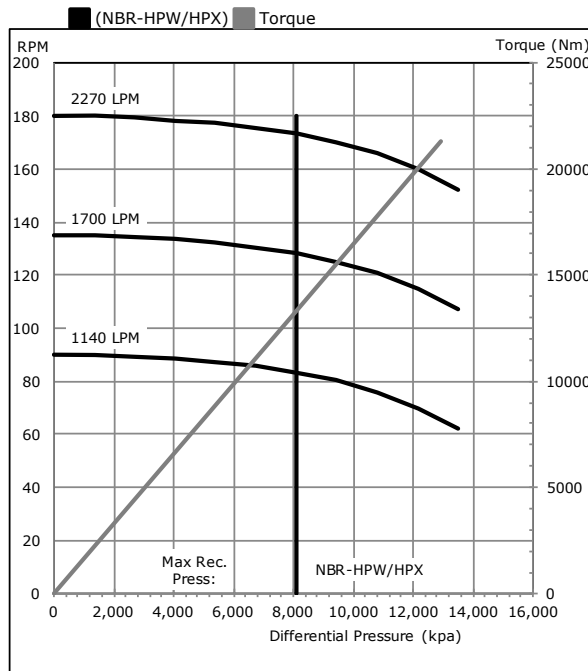
Stator Specifications	
	mm
Overall Length	5080.0
Tube OD	171.5
Tube ID	139.7
Rubber Cutback Top/End	184.0 / 184.0
Weight	409 kg
Number of Stages	5.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	95.02	-0.03	0.18	0.28	0.38	0.48
.5 OS						
1.0 OS	95.40	-0.41	-0.21	-0.11	-0.01	0.09
1.5 OS						
2.0 OS						

Size	NBR-HPX (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	95.02	-0.03	0.18	0.28	0.38	0.48
.5 OS						
1.0 OS	95.40	-0.41	-0.21	-0.11	-0.01	0.09
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (lpm)	1140 - 2270
Speed Range (rpm)	90 - 180
Torque Slope (Nm/kpa)	1.65
Rotation (rev/Liter)	0.0793
Off Bottom Pressure (kpa)	720

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	8200
Stall Diff Press (kpa)	19200
Max Torque (Nm)	13400
Stall Torque (Nm)	31600



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 25°C <sup>3</sup> BHCT Exceeding 160°C will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION**

**Model No: BT700457.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	202.50
Contour Length	195.50
Major Diameter	4.22
Eccentricity	0.355
Head diameter	4.000
Thread Form	2.875 API REG
Weight	505 lbs
Material	17-4 PH <sup>1</sup>

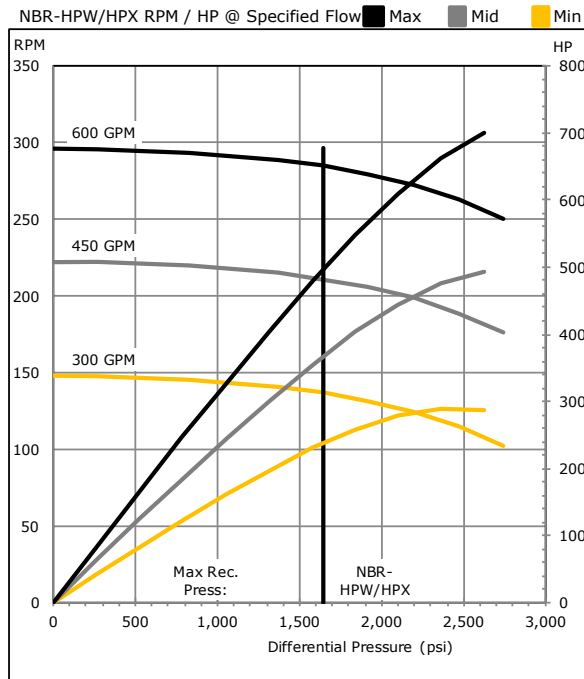
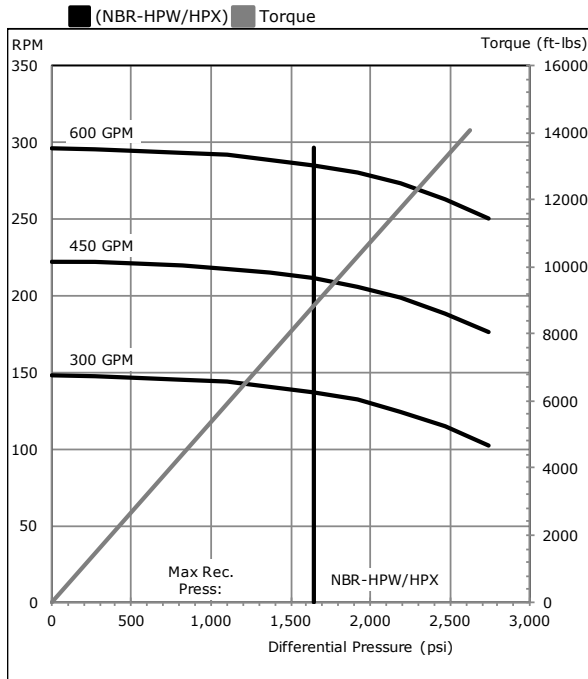
Stator Specifications	
	inches
Overall Length	210.00
Tube OD	7.00
Tube ID	5.50
Rubber Cutback Top/End	7.50 / 7.50
Weight	1182 lbs
Number of Stages	7.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (in)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	3.516	-0.006	0.001	0.008	0.018	0.025
.5 OS						
1.0 OS	3.526	-0.016	-0.009	-0.002	0.008	0.015
1.5 OS						
2.0 OS	3.533	-0.023	-0.016	-0.009	0.001	0.008

NBR-HPX (in)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	3.516	-0.006	0.001	0.008	0.018	0.025
.5 OS						
1.0 OS	3.526	-0.016	-0.009	-0.002	0.008	0.015
1.5 OS						
2.0 OS	3.533	-0.023	-0.016	-0.009	0.001	0.008

Performance Specifications	
Flow Range (gpm)	300 - 600
Speed Range (rpm)	150 - 300
Torque Slope (ft-lb/psi)	5.36
Rotation (rev/gal)	0.494
Off Bottom Pressure (psi)	150

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	1650
Stall Diff Press (psi)	3710
Max Torque (ft-lb)	8820
Stall Torque (ft-lb)	19840



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 75°F <sup>3</sup> BHCT Exceeding 320°F will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

POWER SECTION - METRIC

Model No: BT700457.0 EVENTEK

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	5143.5
Contour Length	4965.7
Major Diameter	107.19
Eccentricity	9.02
Head diameter	101.60
Thread Form	2.875 API REG
Weight	229 kg
Material	17-4 PH <sup>1</sup>

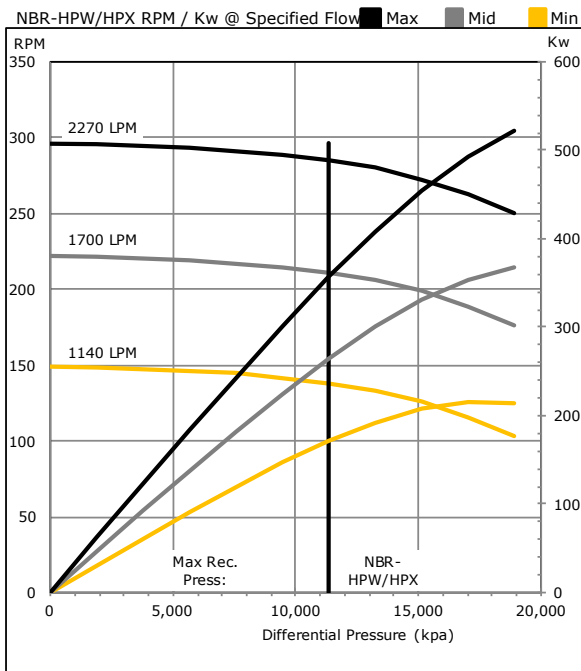
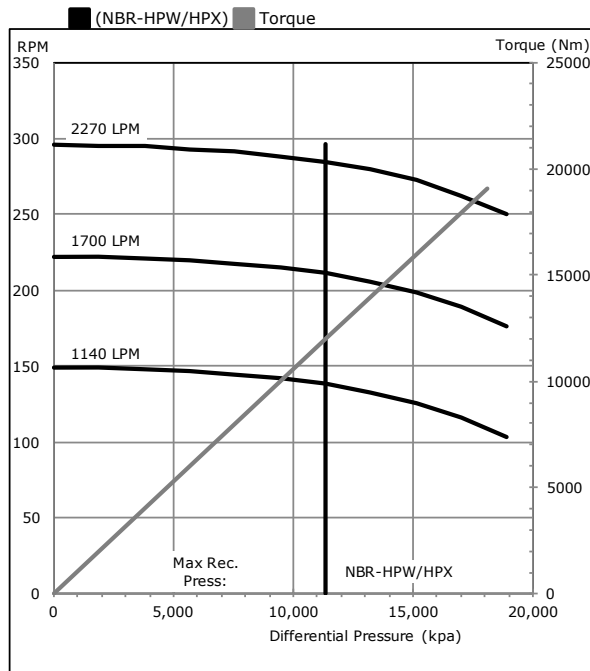
Stator Specifications	
	mm
Overall Length	5334.0
Tube OD	177.8
Tube ID	139.7
Rubber Cutback Top/End	191.0 / 191.0
Weight	536 kg
Number of Stages	7.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (mm)	Fits (+ Compression / - Loose)					
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	89.31	-0.15	0.02	0.11	0.20	0.29
.5 OS						
1.0 OS	89.56	-0.41	-0.23	-0.14	-0.06	0.03
1.5 OS						
2.0 OS	89.74	-0.58	-0.41	-0.32	-0.23	-0.15

NBR-HPX (mm)	Fits (+ Compression / - Loose)					
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	89.31	-0.15	0.02	0.11	0.20	0.29
.5 OS						
1.0 OS	89.56	-0.41	-0.23	-0.14	-0.06	0.03
1.5 OS						
2.0 OS	89.74	-0.58	-0.41	-0.32	-0.23	-0.15

Performance Specifications	
Flow Range (lpm)	1140 - 2270
Speed Range (rpm)	150 - 300
Torque Slope (Nm/kpa)	1.05
Rotation (rev/Liter)	0.1305
Off Bottom Pressure (kpa)	1040

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	11400
Stall Diff Press (kpa)	26800
Max Torque (Nm)	12000
Stall Torque (Nm)	28300



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 25°C <sup>3</sup> BHCT Exceeding 160°C will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION**

**Model No: BT700675.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	194.00
Contour Length	188.00
Major Diameter	4.316
Eccentricity	0.288
Head diameter	4.000
Thread Form	2.875 API REG
Weight	608 lbs
Material	17-4 PH <sup>1</sup>

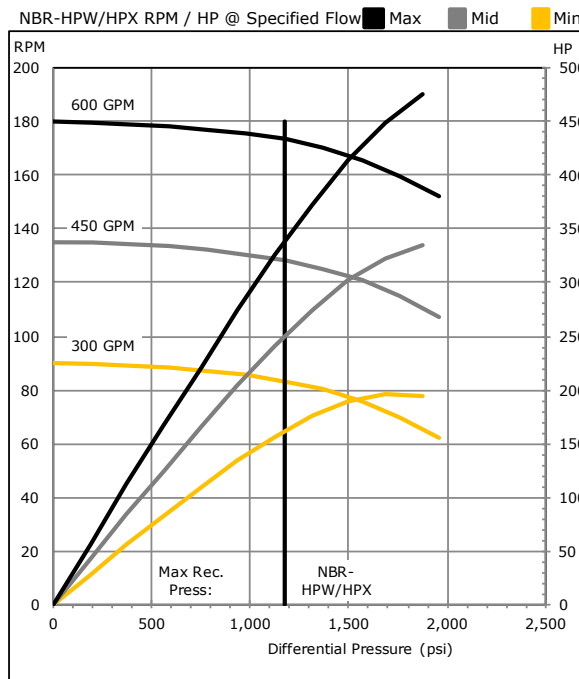
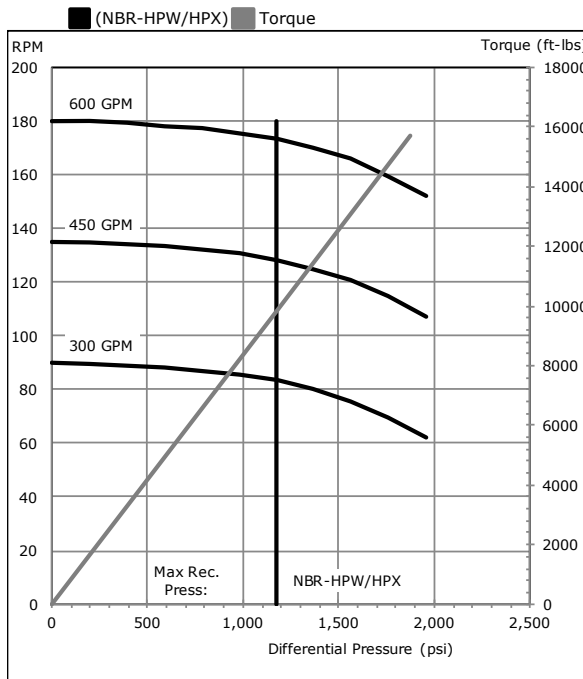
Stator Specifications	
	inches
Overall Length	200.00
Tube OD	7.00
Tube ID	5.50
Rubber Cutback Top/End	7.25 / 7.25
Weight	1055 lbs
Number of Stages	5.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (in) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	3.741	-0.001	0.007	0.015	0.027	0.035
.5 OS						
1.0 OS	3.756	-0.016	-0.008	0.000	0.011	0.019
1.5 OS						
2.0 OS						

Size	NBR-HPX (in) Fits (+ Compression / - Loose)						
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>	
STD	3.741	-0.001	0.007	0.015	0.027	0.035	
.5 OS							
1.0 OS	3.756	-0.016	-0.008	0.000	0.011	0.019	
1.5 OS							
2.0 OS							

Performance Specifications	
Flow Range (gpm)	300 - 600
Speed Range (rpm)	90 - 180
Torque Slope (ft-lb/psi)	8.38
Rotation (rev/gal)	0.300
Off Bottom Pressure (psi)	110

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	1180
Stall Diff Press (psi)	2650
Max Torque (ft-lb)	9850
Stall Torque (ft-lb)	22160



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 75°F <sup>3</sup> BHCT Exceeding 320°F will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION - METRIC**

**Model No: BT700675.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	4927.6
Contour Length	4775.2
Major Diameter	109.63
Eccentricity	7.32
Head diameter	101.60
Thread Form	2.875 API REG
Weight	276 kg
Material	17-4 PH <sup>1</sup>

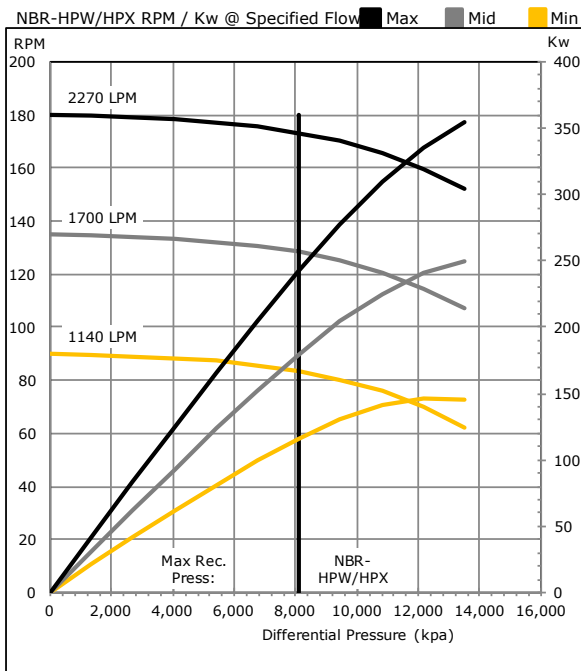
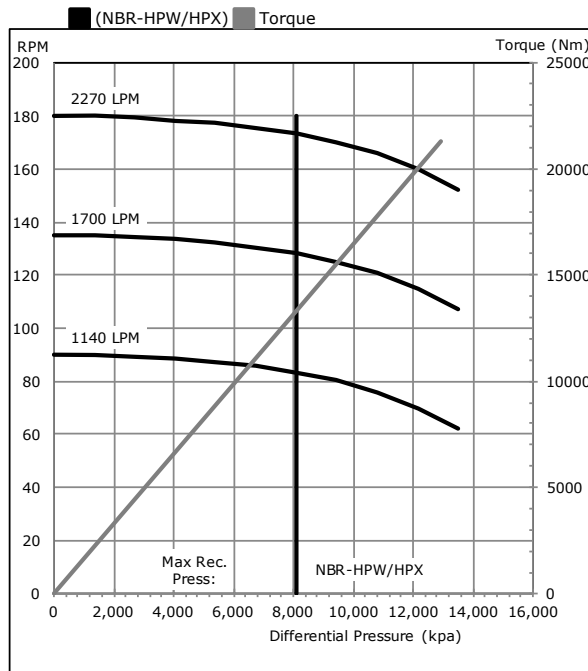
Stator Specifications	
	mm
Overall Length	5080.0
Tube OD	177.8
Tube ID	139.7
Rubber Cutback Top/End	184.0 / 184.0
Weight	478 kg
Number of Stages	5.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	95.02	-0.03	0.18	0.28	0.38	0.48
.5 OS						
1.0 OS	95.40	-0.41	-0.21	-0.11	-0.01	0.09
1.5 OS						
2.0 OS						

Size	NBR-HPX (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	95.02	-0.03	0.18	0.28	0.38	0.48
.5 OS						
1.0 OS	95.40	-0.41	-0.21	-0.11	-0.01	0.09
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (lpm)	1140 - 2270
Speed Range (rpm)	90 - 180
Torque Slope (Nm/kpa)	1.65
Rotation (rev/Liter)	0.0793
Off Bottom Pressure (kpa)	720

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	8200
Stall Diff Press (kpa)	19200
Max Torque (Nm)	13400
Stall Torque (Nm)	31600



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 25°C <sup>3</sup> BHCT Exceeding 160°C will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION**

**Model No: BT700785.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	188.00
Contour Length	181.00
Major Diameter	4.52
Eccentricity	0.256
Head diameter	4.000
Thread Form	2.875 API REG
Weight	629 lbs
Material	17-4 PH <sup>1</sup>

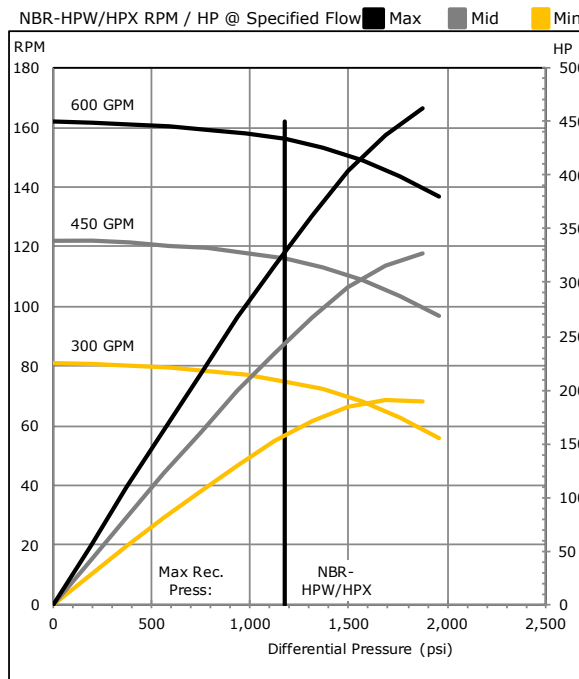
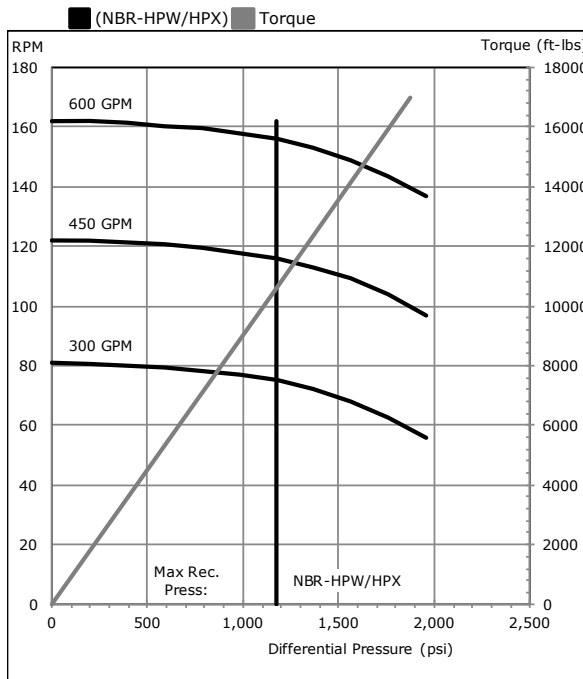
Stator Specifications	
	inches
Overall Length	194.50
Tube OD	7.00
Tube ID	5.50
Rubber Cutback Top/End	8.00 / 8.00
Weight	987 lbs
Number of Stages	5.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (in)	Fits (+ Compression / - Loose)					
	Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F
STD	4.011	-0.003	0.004	0.012	0.023	0.031
.5 OS						
1.0 OS	4.026	-0.018	-0.011	-0.003	0.008	0.015
1.5 OS						
2.0 OS						

NBR-HPX (in)	Fits (+ Compression / - Loose)						
	Size	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	4.011	-0.003	0.004	0.012	0.023	0.031	
.5 OS							
1.0 OS	4.026	-0.018	-0.011	-0.003	0.008	0.015	
1.5 OS							
2.0 OS							

Performance Specifications	
Flow Range (gpm)	300 - 600
Speed Range (rpm)	80 - 160
Torque Slope (ft-lb/psi)	9.06
Rotation (rev/gal)	0.270
Off Bottom Pressure (psi)	100

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	1180
Stall Diff Press (psi)	2650
Max Torque (ft-lb)	10650
Stall Torque (ft-lb)	23960



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 75°F <sup>3</sup> BHCT Exceeding 320°F will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION - METRIC**

**Model No: BT700785.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	4775.2
Contour Length	4597.4
Major Diameter	114.81
Eccentricity	6.50
Head diameter	101.60
Thread Form	2.875 API REG
Weight	285 kg
Material	17-4 PH <sup>1</sup>

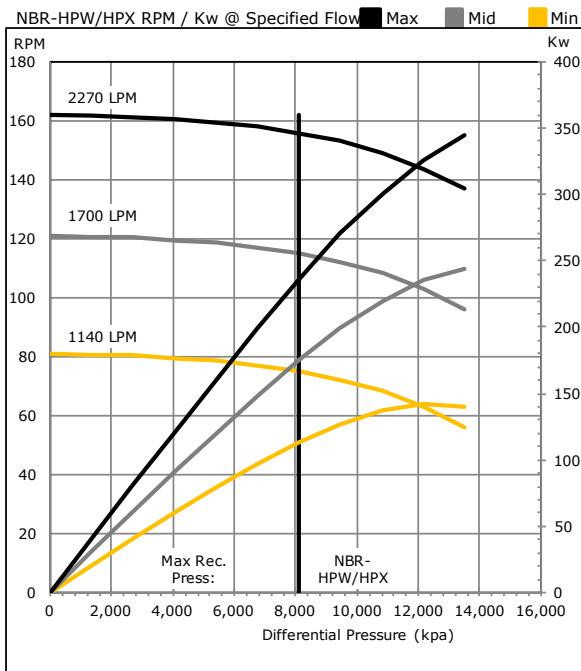
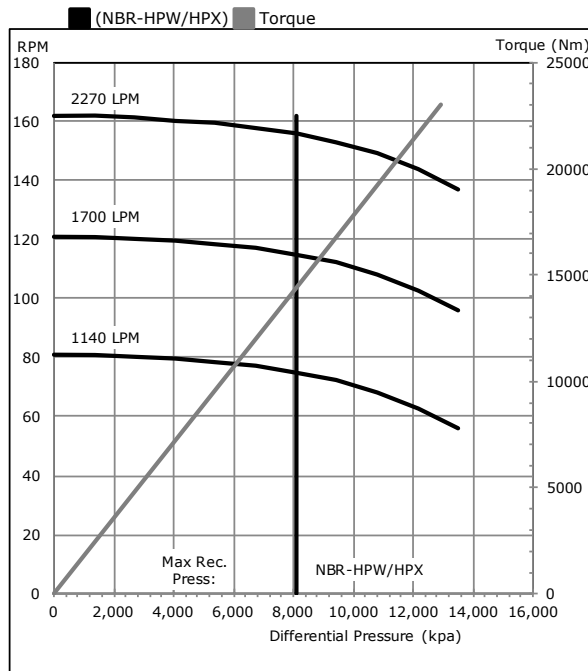
Stator Specifications	
	mm
Overall Length	4940.3
Tube OD	177.8
Tube ID	139.7
Rubber Cutback Top/End	203.0 / 203.0
Weight	448 kg
Number of Stages	5.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

NBR-HPW (mm)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	101.88	-0.08	0.11	0.21	0.30	0.40
.5 OS						
1.0 OS	102.26	-0.46	-0.27	-0.18	-0.08	0.01
1.5 OS						
2.0 OS						

NBR-HPX (mm)		Fits (+ Compression / - Loose)				
Size	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	101.88	-0.08	0.11	0.21	0.30	0.40
.5 OS						
1.0 OS	102.26	-0.46	-0.27	-0.18	-0.08	0.01
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (lpm)	1140 - 2270
Speed Range (rpm)	80 - 160
Torque Slope (Nm/kpa)	1.78
Rotation (rev/Liter)	0.0713
Off Bottom Pressure (kpa)	680

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	8200
Stall Diff Press (kpa)	19200
Max Torque (Nm)	14500
Stall Torque (Nm)	34100



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 25°C <sup>3</sup> BHCT Exceeding 160°C will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION**

**Model No: BT800784.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	196.25
Contour Length	188.25
Major Diameter	5.186
Eccentricity	0.293
Head diameter	4.750
Thread Form	3.50 API REG
Weight	956 lbs
Material	17-4 PH <sup>1</sup>

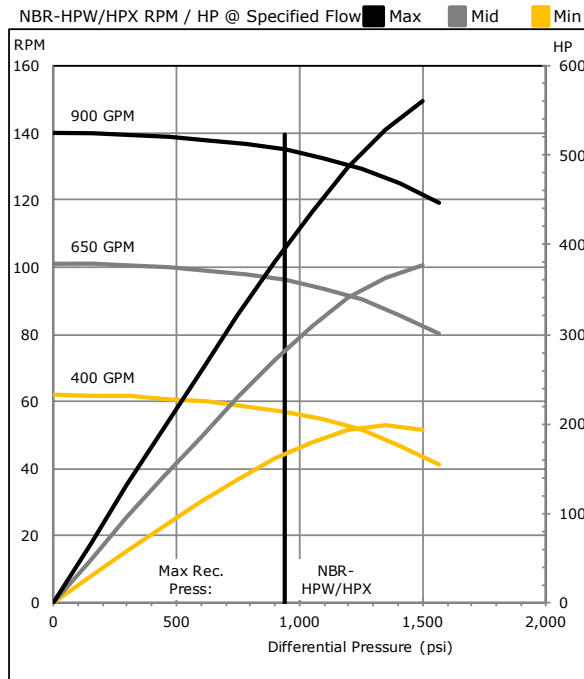
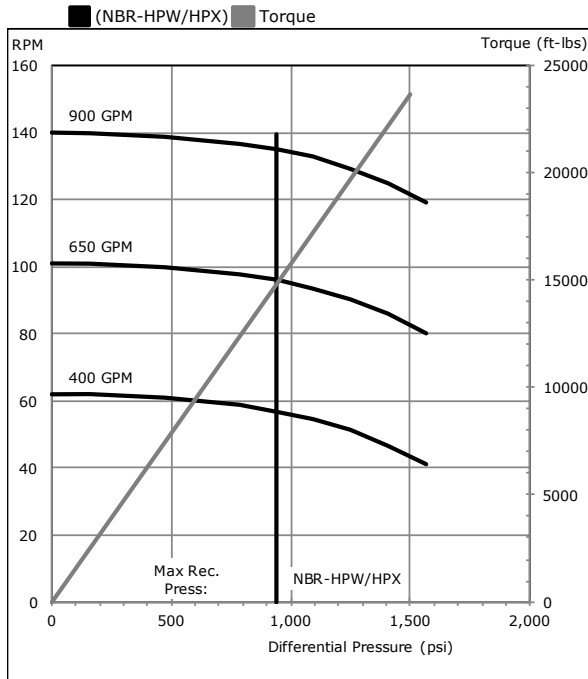
Stator Specifications	
	inches
Overall Length	203.25
Tube OD	8.00
Tube ID	6.25
Rubber Cutback Top/End	8.00 / 8.00
Weight	1319 lbs
Number of Stages	4.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (in) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	4.603	-0.003	0.004	0.012	0.023	0.030
.5 OS						
1.0 OS						
1.5 OS						
2.0 OS						

Size	NBR-HPX (in) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	4.603	-0.003	0.004	0.012	0.023	0.030
.5 OS						
1.0 OS						
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (gpm)	400 - 900
Speed Range (rpm)	60 - 140
Torque Slope (ft-lb/psi)	15.77
Rotation (rev/gal)	0.155
Off Bottom Pressure (psi)	100

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	940
Stall Diff Press (psi)	2120
Max Torque (ft-lb)	14830
Stall Torque (ft-lb)	33360



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 75°F <sup>3</sup> BHCT Exceeding 320°F will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION - METRIC**

**Model No: BT800784.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	4984.8
Contour Length	4781.6
Major Diameter	131.72
Eccentricity	7.44
Head diameter	120.65
Thread Form	3.50 API REG
Weight	434 kg
Material	17-4 PH <sup>1</sup>

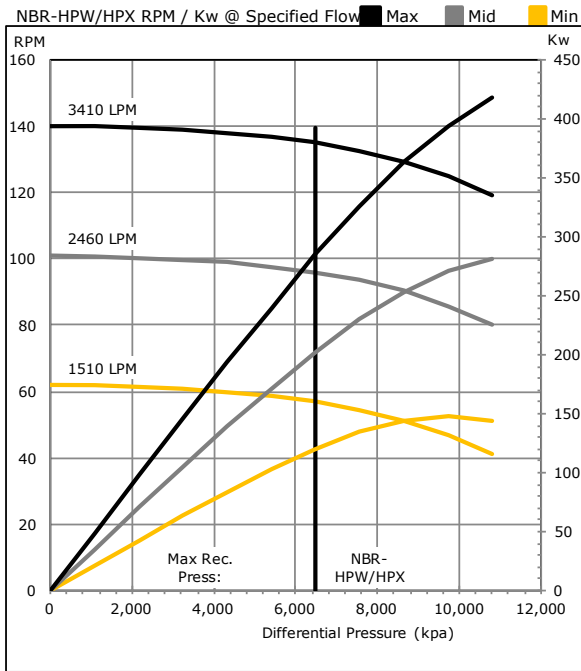
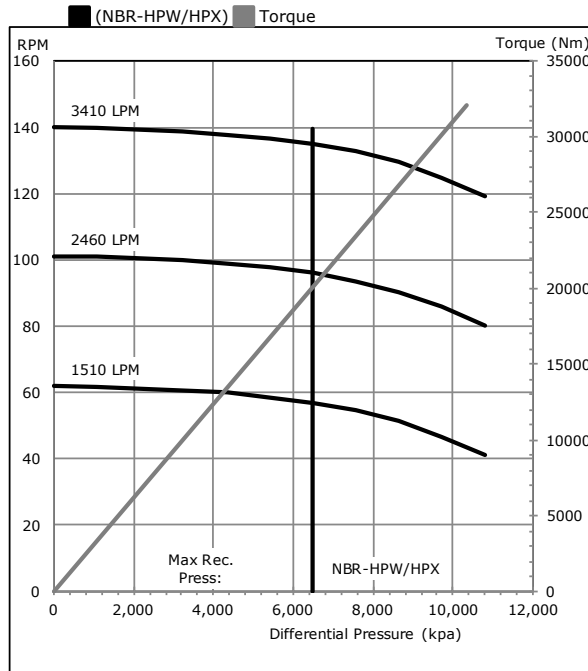
Stator Specifications	
	mm
Overall Length	5162.6
Tube OD	203.2
Tube ID	158.8
Rubber Cutback Top/End	203.0 / 203.0
Weight	598 kg
Number of Stages	4.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	116.92	-0.08	0.11	0.21	0.30	0.39
.5 OS						
1.0 OS						
1.5 OS						
2.0 OS						

Size	NBR-HPX (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	116.92	-0.08	0.11	0.21	0.30	0.39
.5 OS						
1.0 OS						
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (lpm)	1510 - 3410
Speed Range (rpm)	60 - 140
Torque Slope (Nm/kpa)	3.10
Rotation (rev/Liter)	0.0409
Off Bottom Pressure (kpa)	700

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	6500
Stall Diff Press (kpa)	15400
Max Torque (Nm)	20100
Stall Torque (Nm)	47500



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 25°C <sup>3</sup> BHCT Exceeding 160°C will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION**

**Model No: BT675785.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	inches
Overall Length	188.00
Contour Length	181.00
Major Diameter	4.52
Eccentricity	0.256
Head diameter	4.000
Thread Form	2.875 API REG
Weight	629 lbs
Material	17-4 PH <sup>1</sup>

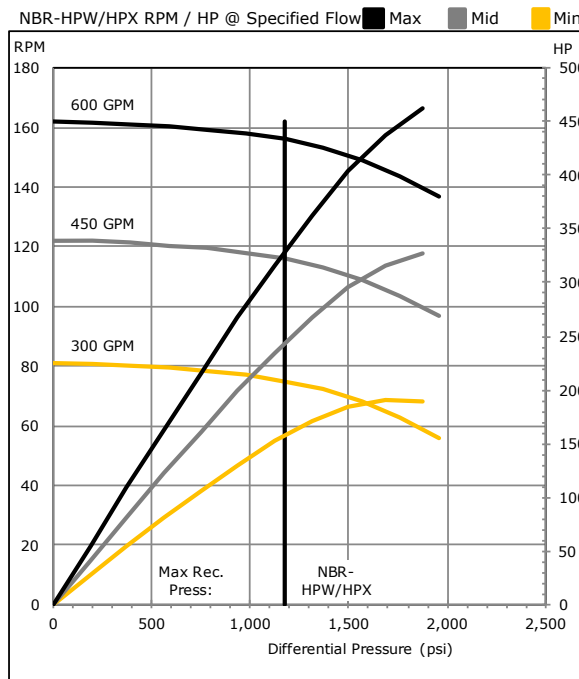
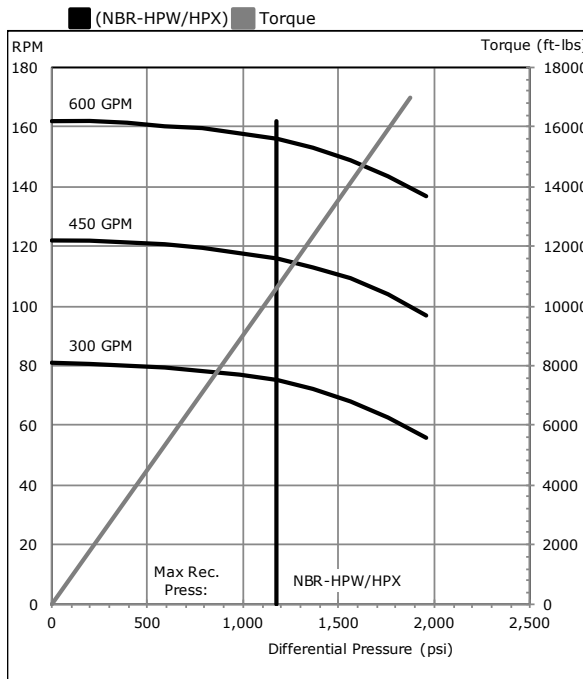
Stator Specifications	
	inches
Overall Length	194.50
Tube OD	6.75
Tube ID	5.50
Rubber Cutback Top/End	8.00 / 8.00
Weight	837 lbs
Number of Stages	5.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (in) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>
STD	4.011	-0.003	0.004	0.012	0.023	0.031
.5 OS						
1.0 OS	4.026	-0.018	-0.011	-0.003	0.008	0.015
1.5 OS						
2.0 OS						

Size	NBR-HPX (in) Fits (+ Compression / - Loose)						
	Minor <sup>2</sup>	75 °F	125 °F	175 °F	250 °F	300 °F <sup>3</sup>	
STD	4.011	-0.003	0.004	0.012	0.023	0.031	
.5 OS							
1.0 OS	4.026	-0.018	-0.011	-0.003	0.008	0.015	
1.5 OS							
2.0 OS							

Performance Specifications	
Flow Range (gpm)	300 - 600
Speed Range (rpm)	80 - 160
Torque Slope (ft-lb/psi)	9.06
Rotation (rev/gal)	0.270
Off Bottom Pressure (psi)	100

Performance Details	
	NBR-HPW/HPX
Max Diff Press (psi)	1180
Stall Diff Press (psi)	2650
Max Torque (ft-lb)	10650
Stall Torque (ft-lb)	23960



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 75°F <sup>3</sup> BHCT Exceeding 320°F will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

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The Leading Edge in Power Sections

**POWER SECTION - METRIC**

**Model No: BT675785.0 EVENTEK**

Revised: 2/24/17

Rotor Specifications	
	mm
Overall Length	4775.2
Contour Length	4597.4
Major Diameter	114.81
Eccentricity	6.50
Head diameter	101.60
Thread Form	2.875 API REG
Weight	285 kg
Material	17-4 PH <sup>1</sup>

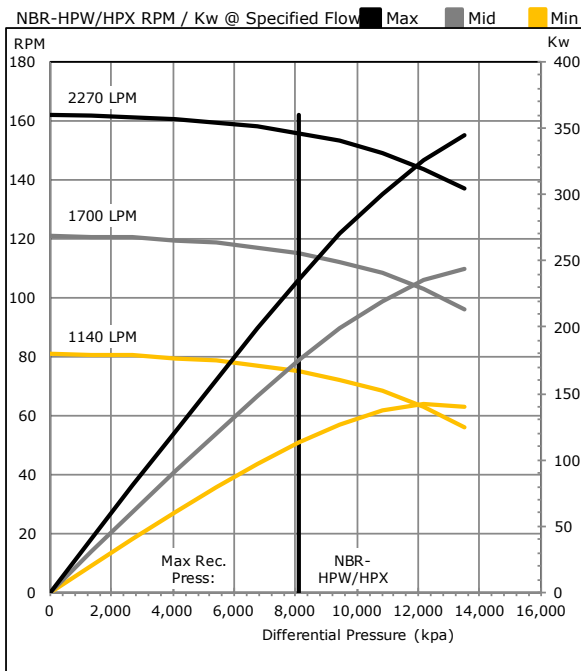
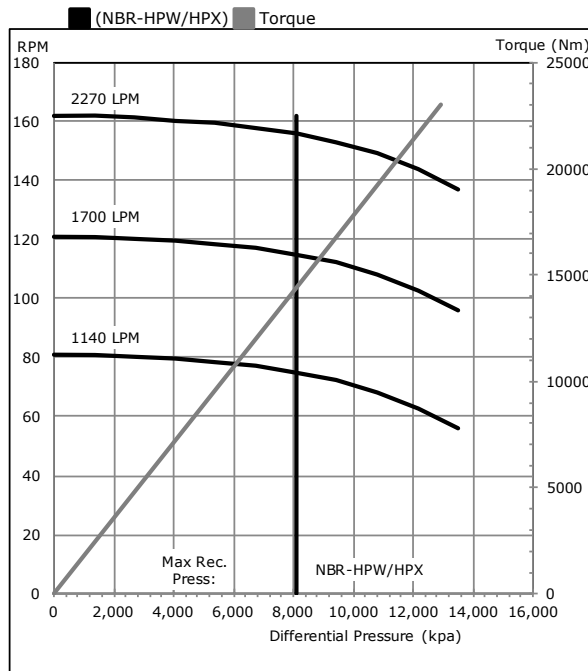
Stator Specifications	
	mm
Overall Length	4940.3
Tube OD	171.5
Tube ID	139.7
Rubber Cutback Top/End	203.0 / 203.0
Weight	380 kg
Number of Stages	5.0
Tube Material	4130 MOD Alloy Steel
Rubber Options	NBR-HPW & NBR-HPX

Size	NBR-HPW (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	101.88	-0.08	0.11	0.21	0.30	0.40
.5 OS						
1.0 OS	102.26	-0.46	-0.27	-0.18	-0.08	0.01
1.5 OS						
2.0 OS						

Size	NBR-HPX (mm) Fits (+ Compression / - Loose)					
	Minor <sup>2</sup>	25 °C	75 °C	100 °C	125 °C	150 °C <sup>3</sup>
STD	101.88	-0.08	0.11	0.21	0.30	0.40
.5 OS						
1.0 OS	102.26	-0.46	-0.27	-0.18	-0.08	0.01
1.5 OS						
2.0 OS						

Performance Specifications	
Flow Range (lpm)	1140 - 2270
Speed Range (rpm)	80 - 160
Torque Slope (Nm/kpa)	1.78
Rotation (rev/Liter)	0.0713
Off Bottom Pressure (kpa)	680

Performance Details	
	NBR-HPW/HPX
Max Diff Press (kpa)	8200
Stall Diff Press (kpa)	19200
Max Torque (Nm)	14500
Stall Torque (Nm)	34100



<sup>1</sup> Coating options of chrome or tungsten carbide are available <sup>2</sup> Vector Gauge Readings at Room Temp 25°C <sup>3</sup> BHCT Exceeding 160°C will void warranty for HPW/HPX.

Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit [basintek.com](http://basintek.com) for the latest specification revisions.

**LOCATIONS**

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