



The Leading Edge in Power Sections

# POWER SECTION FIT SUMMARY

7/25/2017

Size	Model	STATOR															ROTOR							
		CONFIGURATION					FIT @ 75° F (Inch)										Minor Diameter Tolerance +/-	CONFIGURATION						
		Tube OD/ID Inch	Length Inch	Cutback Inch	Lobes	Stages	NBR					NBR - HPX						Overall Length Inch	Contour Length Inch	Ecc Inch	Major Diameter Inch	Head Diameter Inch	Thread Connection	Weight lb
							STD	.50S	10S	1.50S	20S	STD	.50S	10S	1.50S	20S								
1 11/16"	BT168562.3	1.69/1.38	60.00	4.00/4.00	5/6	2.3	0.003	-	-	-	-	0.003	-	-	-	-	0.010	55.00	51.00	0.076	1.063	1.000	N/A	11
	BT168565.0	1.69/1.38	99.00	4.00/4.00	5/6	5.0	0.001	-	-0.009	-	-	0.001	-	-0.009	-	-	0.010	93.00	87.00	0.069	0.990	1.100	N/A	16
2 1/8"	BT212566.0	2.13/1.75	88.00	4.00/4.00	5/6	6.0	0.003	-	-	-	-	0.003	-	-	-	-	0.010	83.13	79.00	0.087	1.236	1.250	N/A	21
2 3/8"	BT237784.0	2.38/1.88	82.00	4.00/4.00	7/8	4.0	0.000	-	-0.012	-	-	0.000	-	-0.012	-	-	0.010	79.20	75.00	0.082	1.500	1.500	N/A	32
2 7/8"	BT287454.0	2.88/2.38	105.63	4.00/4.00	4/5	4.0	-	0.006	-	-	-	-	0.006	-	-	-	0.010	103.63	99.63	0.156	1.843	1.800	N/A	56
	BT287563.5	2.88/2.38	98.60	7.00/7.00	5/6	3.5	0.007	-	-	-	-	0.007	-	-	-	-	0.010	91.00	86.50	0.118	1.675	1.800	N/A	44
	BT287564.7	2.88/2.38	105.63	4.00/16.00	5/6	4.7	-0.003	-	-0.013	-0.033	-	0.001	-	-0.009	-0.031	-	0.010	92.00	88.00	0.136	1.909	1.880	N/A	58
	BT287567.0	2.88/2.38	117.00	8.00/8.00	5/6	7.0	0.002	-	-	-	-	0.007	-	-	-	-	0.010	110.00	106.00	0.122	1.658	1.650	N/A	51
3 1/8"	BT312563.5	3.13/2.63	88.00	4.00/4.00	5/6	3.5	-0.007	-	-0.018	-	-	-0.005	-	-0.016	-	-	0.010	86.00	82.00	0.156	2.174	2.175	N/A	69
	BT312782.5	3.13/2.63	99.88	7.00/7.00	7/8	2.5	-0.006	-	-0.017	-	-	-0.004	-	-0.015	-	-	0.010	93.00	86.50	0.122	2.120	2.060	N/A	75
	BT312783.0	3.13/2.63	106.00	5.00/5.00	7/8	3.0	0.003	-	-0.006	-	-	0.003	-	-0.006	-	-	0.010	101.00	97.00	0.109	1.971	2.000	N/A	72
3 1/2"	BT350563.0	3.50/2.75	80.00	6.00/6.00	5/6	3.0	-0.006	-	-0.026	-	-	-0.002	-	-0.022	-	-	0.010	76.25	72.25	0.134	2.157	2.000	N/A	62
4 3/4"	BT475456.0	4.75/3.75	187.00	8.00/8.00	4/5	6.0	-0.002	-	-0.020	-	-	0.000	-	-0.018	-	-	0.010	179.00	173.00	0.246	2.912	2.750	2.375 HEF Modified	244
	BT475456.3	4.75/3.75	207.00	8.00/8.00	4/5	6.3	-0.002	-0.011	-0.020	-0.029	-	0.000	-0.009	-0.018	-0.027	-	0.010	188.00	182.00	0.246	2.912	2.750	2.375 HEF Modified	256
	BT475459.7	4.75/3.88	235.00	8.00/15.50	4/5	9.7	-0.004	-0.014	-0.024	-0.034	-	0.000	-0.010	-0.020	-0.030	-	0.011	214.75	208.25	0.226	2.822	3.000	2.375 HEF Modified	278
	BT475568.3	4.75/3.75	242.50	8.00/8.00	5/6	8.3	0.012	0.002	-0.009	-0.024	-0.041	0.014	0.004	-0.007	-0.022	-0.039	0.010	229.50	223.00	0.207	2.916	3.125	2.375 HEF Modified	333
	BT475782.0	4.75/3.75	180.00	8.00/8.00	7/8	2.0	0.004	-	-0.013	-	-	0.007	-	-0.010	-	-	0.010	172.50	166.50	0.163	2.798	2.750	2.375 HEF Modified	239
	BT475782.2 SLOW	4.75/3.75	198.00	8.00/8.00	7/8	2.2	-0.001	-0.010	-0.021	-0.031	-0.041	0.002	-0.008	-0.019	-0.029	-0.038	0.010	191.00	185.00	0.161	2.805	2.825	1.375-6 SA	270
	BT475782.6 ESX	4.75/3.75	229.25	8.00/8.00	7/8	2.6	-0.005	-0.017	-0.027	-0.037	-0.043	-0.002	-0.014	-0.024	-0.034	-0.041	0.010	220.00	214.25	0.174	3.095	2.750	2.375 HEF Modified	381
	BT475782.9	4.75/3.75	250.00	8.00/8.00	7/8	2.9	-0.004	-0.014	-0.024	-0.030	-	-0.002	-0.012	-0.022	-0.028	-	0.010	242.00	236.00	0.163	2.798	2.850	2.375 HEF	339
	BT475783.7	4.75/3.88	235.00	8.00/15.50	7/8	3.7	0.000	-0.010	-0.020	-0.030	-	0.004	-0.006	-0.016	-0.025	-	0.010	214.75	208.25	0.177	3.122	3.250	1.375-6 SA	377
	BT475783.8	4.75/3.75	187.00	8.00/8.00	7/8	3.8	0.016	0.006	-0.004	-0.015	-0.035	0.019	0.009	-0.001	-0.012	-0.032	0.010	178.00	172.25	0.163	2.945	2.750	2.375 HEF Modified	283
	BT475784.5 SX	4.75/3.75	229.25	8.00/8.00	7/8	4.5	-0.001	-	-0.021	-	-	0.002	-	-0.018	-	-	0.010	220.00	214.30	0.172	3.091	2.750	2.375 HEF Modified	381
	BT475785.0 RM	4.75/3.88	198.00	8.00/8.00	7/8	5.0	0.003	-0.007	-0.017	-0.027	-0.037	0.005	-0.005	-0.015	-0.025	-0.035	0.010	186.00	180.00	0.171	3.041	2.750	2.375 HEF Modified	311
	BT475785.0 WF	4.75/3.88	198.00	8.00/8.00	7/8	5.0	0.001	-0.009	-0.019	-0.029	-	0.003	-0.007	-0.017	-0.027	-	0.010	186.00	180.00	0.169	3.041	2.750	2.375 HEF Modified	316
	5"	BT500239.0	5.00/3.75	200.00	8.00/8.00	2/3	9.0	-	-0.026	-	-	-	-	-0.023	-	-	-	0.010	194.00	188.00	0.224	2.537	2.600	2.375 HEF Modified
BT500456.0		5.00/3.75	187.00	8.00/8.00	4/5	6.0	-0.002	-	-0.020	-	-	0.000	-	-0.018	-	-	0.010	179.00	173.00	0.246	2.912	2.750	2.375 HEF Modified	244
BT500456.3		5.00/3.75	207.00	8.00/8.00	4/5	6.3	-0.002	-0.011	-0.020	-0.029	-	0.000	-0.009	-0.018	-0.027	-	0.010	188.00	182.00	0.246	2.912	2.750	2.375 HEF Modified	256
BT500459.7		5.00/3.88	235.00	8.00/15.50	4/5	9.7	-0.004	-0.014	-0.024	-0.034	-	0.000	-0.010	-0.020	-0.030	-	0.011	214.75	208.25	0.226	2.822	3.000	2.375 HEF Modified	278
BT500563.7 Hi Flow		5.00/4.00	250.00	8.00/15.50	5/6	3.7	0.012	-	-0.008	-	-	0.015	-	-0.005	-	-	0.010	229.75	223.25	0.235	3.120	3.250	1.375-6 SA	318
BT500566.7		5.00/4.00	250.00	8.00/8.00	5/6	6.7	0.007	-	-0.013	-0.023	-	0.010	-	-0.010	-0.020	-	0.010	241.00	235.00	0.235	3.120	2.900	2.375 HEF Modified	383
BT500568.3		5.00/3.75	242.50	8.00/8.00	5/6	8.3	0.012	0.002	-0.009	-0.024	-0.041	0.014	0.004	-0.007	-0.022	-0.039	0.010	229.50	223.00	0.207	2.916	3.125	2.375 HEF Modified	333
BT5006710.0		5.00/4.00	275.00	8.00/16.00	6/7	10.0	-0.007	-	-0.029	-	-	-0.003	-	-0.025	-	-	0.010	266.00	260.00	0.192	3.256	3.400	2.875 HEF Modified	496
BT500678.0	5.00/4.00	250.00	8.00/8.00	6/7	8.0	-0.011	-0.021	-0.031	-0.041	-0.056	-0.009	-0.019	-0.029	-0.039	-0.054	0.010	241.00	235.00	0.192	3.018	2.900	2.375 HEF Modified	383	



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POWER SECTION FIT SUMMARY

7/25/2017

Table with columns for Size, Model, CONFIGURATION (Tube OD/ID, Length, Cutback, Lobes, Stages), FIT @ 75° F (NBR, NBR-HPX), Minor Diameter Tolerance, ROTOR CONFIGURATION (Overall Length, Contour Length, Ecc, Major Diameter, Head Diameter, Thread Connection, Weight).



The Leading Edge in Power Sections

POWER SECTION FIT SUMMARY

7/25/2017

Size	Model	STATOR															ROTOR							
		CONFIGURATION					FIT @ 75° F (Inch)										Minor Diameter Tolerance +/-	CONFIGURATION						
		Tube OD/ID Inch	Length Inch	Cutback Inch	Lobes	Stages	NBR					NBR - HPX						Overall Length Inch	Contour Length Inch	Ecc Inch	Major Diameter Inch	Head Diameter Inch	Thread Connection	Weight lb
6 3/4"	BT675568.2	6.75/5.50	246.00	11.00/11.00	5/6	8.2	0.003	-0.011	-	-0.026	-	0.007	-0.007	-	-0.024	-	0.010	233.00	226.00	0.335	4.371	4.500	2.875 SLIMLINE H-90	717
	BT675675.0	6.75/5.50	200.00	7.25/7.25	6/7	5.0	0.001	-0.014	-0.023	-0.034	-0.045	0.006	-0.009	-0.020	-0.031	-0.041	0.013	194.00	188.00	0.288	4.316	4.000	2.875 API REG	608
	BT675676.0	6.75/5.50	250.00	8.00/8.00	6/7	6.0	0.001	-0.014	-0.023	-0.034	-	0.006	-0.009	-0.020	-0.031	-	0.013	242.00	236.00	0.288	4.316	4.000	2.875 API REG	759
	BT675782.1 ESX	6.75/5.31	230.00	9.00/9.00	7/8	2.1	-0.009	-0.025	-0.035	-	-	-0.007	-0.023	-0.033	-	-	0.013	221.00	213.00	0.224	4.265	4.000	2.875 API REG	743
	BT675782.9 HTS	6.75/5.50	220.00	8.00/8.00	7/8	2.9	-0.004	-0.017	-0.027	-0.037	-	-0.002	-0.015	-0.025	-0.035	-	0.013	213.50	206.50	0.244	4.296	4.000	2.875 API REG	700
	BT675783.0	6.75/5.50	125.00	8.00/8.00	7/8	3.0	0.014	-0.001	-0.013	-0.020	-	0.019	0.004	-0.008	-0.017	-	0.011	118.50	111.50	0.256	4.520	4.000	2.875 API REG	435
	BT675783.0 SLOW	6.75/5.50	204.00	7.50/7.50	7/8	3.0	0.002	-0.010	-0.018	-0.030	-	0.006	-0.006	-0.014	-0.026	-	0.011	197.50	191.00	0.255	4.570	4.000	2.875 API REG	685
	BT675783.3 HTS	6.75/5.50	245.00	8.00/8.00	7/8	3.3	-0.004	-0.015	-0.025	-0.035	-	0.000	-0.011	-0.021	-0.031	-	0.012	238.50	231.50	0.255	4.500	4.000	2.875 API REG	877
	BT675785.0	6.75/5.50	194.50	8.00/8.00	7/8	5.0	0.014	-0.001	-0.013	-0.020	-0.031	0.019	0.004	-0.008	-0.017	-0.028	0.011	188.00	181.00	0.256	4.520	4.000	2.875 API REG	694
	BT675785.7 SX	6.75/5.50	260.00	8.00/8.00	7/8	5.7	0.003	-0.007	-0.024	-0.037	-	0.005	-0.005	-0.023	-0.035	-	0.012	252.00	245.00	0.246	4.644	4.500	2.875 API REG	1002
	BT675786.0	6.75/5.50	235.00	8.00/8.00	7/8	6.0	0.014	-0.001	-0.013	-0.020	-0.031	0.019	0.004	-0.008	-0.017	-0.028	0.011	223.00	216.00	0.256	4.520	4.500	2.875 API REG	831
BT675786.4	6.75/5.50	245.00	8.00/8.00	7/8	6.4	0.014	-0.001	-0.013	-0.020	-	0.019	0.004	-0.008	-0.017	-	0.011	238.50	231.50	0.256	4.520	4.000	2.875 API REG	883	
BT6759102.1	6.75/5.50	81.00	8.00/8.00	9/10	2.1	0.008	-	-0.015	-	-	0.012	-	-0.011	-	-	0.013	75.00	68.00	0.194	4.312	4.300	2.875 API IF	261	
7"	BT7006711.4	7.00/5.75	275.00	10.00/10.00	6/7	11.4	-0.004	-	-	-0.031	-	0.000	-	-	-0.027	-	0.013	267.00	259.00	0.306	4.689	4.500	2.875 SLIMLINE H-90	896
	BT700676.5	7.00/5.75	275.00	8.00/8.00	6/7	6.5	0.001	-0.012	-0.025	-	-	0.005	-0.008	-0.021	-	-	0.013	267.00	259.00	0.302	4.747	4.750	2.875 SLIMLINE H-90	932
	BT700678.4	7.00/5.75	275.00	8.00/8.00	6/7	8.4	0.001	-	-0.024	-	-	0.005	-	-0.020	-	-	0.013	267.00	259.00	0.302	4.747	4.750	2.875 SLIMLINE H-90	932
	BT700786.8	7.00/5.75	246.00	11.00/11.00	7/8	6.8	-0.002	-	-0.025	-	-	0.002	-	-0.021	-	-	0.011	233.00	226.00	0.250	4.538	4.500	2.875 SLIMLINE H-90	877
7 3/4"	BT775455.3	7.75/6.25	228.00	8.00/8.00	4/5	5.3	-0.001	-0.014	-0.026	-0.039	-	0.003	-0.010	-0.022	-0.035	-	0.012	221.00	213.00	0.415	4.940	4.750	3.50 API IF	856
	BT775782.2	7.75/6.25	228.00	8.00/8.00	7/8	2.2	-0.001	-	-	-	-	0.003	-	-	-	-	0.013	221.00	213.00	0.278	5.075	4.750	3.50 API IF	1043
	BT775782.5 SLOW	7.75/6.25	254.00	8.00/8.00	7/8	2.5	0.003	-	-0.026	-	-0.056	0.008	-	-0.023	-	-0.053	0.013	246.00	239.00	0.300	5.141	4.630	3.50 API REG	1157
	BT775784.0	7.75/6.25	203.25	8.00/8.00	7/8	4.0	0.008	-0.007	-0.022	-0.037	-	0.013	-0.002	-0.017	-0.032	-	0.013	196.25	188.25	0.293	5.186	4.750	3.50 API REG	956
8"	BT800455.3	8.00/6.25	228.00	8.00/8.00	4/5	5.3	-0.001	-0.014	-0.026	-0.039	-	0.003	-0.010	-0.022	-0.035	-	0.012	221.00	213.00	0.415	4.940	4.750	3.50 API IF	856
	BT800674.0	8.00/6.25	206.00	8.00/8.00	6/7	4.0	0.010	-	-	-	-	0.006	-	-	-	-	0.012	199.00	192.00	0.336	4.958	4.750	3.50 API IF	809
	BT800782.2	8.00/6.25	228.00	8.00/8.00	7/8	2.2	-0.001	-	-	-	-	0.003	-	-	-	-	0.013	221.00	213.00	0.278	5.075	4.750	3.50 API IF	1043
	BT800782.5 SLOW	8.00/6.25	254.00	8.00/8.00	7/8	2.5	0.003	-	-0.026	-	-0.056	0.008	-	-0.023	-	-0.053	0.013	246.00	239.00	0.300	5.141	4.630	3.50 API REG	1157
	BT800783.0	8.00/6.25	160.00	8.00/8.00	7/8	3.0	0.014	-	-	-	-	0.017	-	-	-	-	0.013	153.00	145.00	0.293	5.186	4.750	3.50 API REG	745
	BT800783.4 ESX	8.00/6.25	300.00	8.00/8.00	7/8	3.4	-0.015	-0.030	-0.045	-	-	-0.011	-0.026	-0.041	-	-	0.013	293.00	285.00	0.291	5.307	4.750	3.50 API IF	1377
	BT800784.0	8.00/6.25	203.25	8.00/8.00	7/8	4.0	0.008	-0.007	-0.022	-0.037	-	0.013	-0.002	-0.017	-0.032	-	0.013	196.25	188.25	0.293	5.186	4.750	3.50 API REG	956
	BT800896.0	8.00/6.50	206.00	8.00/8.00	8/9	6.0	0.006	-	-	-	-	0.010	-	-	-	-	0.013	192.00	185.00	0.273	5.459	4.750	3.50 API IF	1039
9 5/8"	BT962565.0	9.63/7.88	232.00	10.00/10.00	5/6	5.0	-0.009	-	-0.034	-	-	-0.005	-	-0.030	-	-	0.019	222.00	213.00	0.472	6.296	5.500	4.00 API FH	1410
	BT962675.0	9.63/7.88	218.00	8.00/8.00	6/7	5.0	0.008	-	-	-	-	0.011	-	-	-	-	0.019	202.00	195.00	0.428	6.403	5.500	4.00 API FH	1378
	BT962785.7	9.63/7.88	240.00	10.00/10.00	7/8	5.7	0.003	-	-	-	-	0.005	-	-	-	-	0.019	230.88	222.00	0.354	6.373	5.500	4.00 API FH	1651



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7/25/2017

		STATOR															ROTOR							
Size	Model	CONFIGURATION					FIT @ 75° F (Inch)										Minor Diameter Tolerance +/-	CONFIGURATION						
		Tube OD/ID Inch	Length Inch	Cutback Inch	Lobes	Stages	NBR					NBR - HPX						Overall Length Inch	Contour Length Inch	Ecc Inch	Major Diameter Inch	Head Diameter Inch	Thread Connection	Weight lb
							STD	.50S	10S	1.50S	20S	STD	.50S	10S	1.50S	20S								
11 1/4"	BT1125565.0	11.25/7.88	232.00	10.00/10.00	5/6	5.0	-0.009	-	-0.034	-	-	-0.005	-	-0.030	-	-	0.019	222.00	213.00	0.472	6.296	5.500	4.00 API FH	1410
	BT1125675.0	11.25/7.88	218.00	8.00/8.00	6/7	5.0	0.008	-	-	-	-	0.011	-	-	-	-	0.019	202.00	195.00	0.428	6.403	5.500	4.00 API FH	1378
	BT1125785.7	11.25/7.88	240.00	10.00/10.00	7/8	5.7	0.003	-	-	-	-	0.005	-	-	-	-	0.019	230.88	222.00	0.354	6.373	5.500	4.00 API FH	1651



The Leading Edge in Power Sections

# POWER SECTION FIT SUMMARY - METRIC

7/25/2017

Size	Model	STATOR																		ROTOR						
		CONFIGURATION					FIT @ 75° F (mm)										Minor Diameter Tolerance +/-	CONFIGURATION								
		Tube OD/ID mm	Length mm	Cutback mm	Lobes	Stages	NBR					NBR - HPX						Overall Length mm	Contour Length mm	Ecc mm	Major Diameter mm	Head Diameter mm	Thread Connection	Weight kg		
STD	.50S	10S	1.50S	20S	STD	.50S	10S	1.50S	20S	STD	.50S	10S	1.50S	20S												
1 11/16"	BT168562.3	42.9/34.9	1524.0	101.6/101.6	5/6	2.3	0.076	-	-	-	-	0.076	-	-	-	-	0.254	1397.0	1295.4	1.92	27.00	25.40	N/A	5		
	BT168565.0	42.9/34.9	2514.6	101.6/101.6	5/6	5.0	0.025	-	-0.229	-	-	0.025	-	-0.229	-	-	0.254	2362.2	2209.8	1.75	25.15	27.94	N/A	7		
2 1/8"	BT212566.0	54.0/44.5	2235.2	101.6/101.6	5/6	6.0	0.076	-	-	-	-	0.076	-	-	-	-	0.254	2111.5	2006.6	2.21	31.39	31.75	N/A	10		
2 3/8"	BT237784.0	60.3/47.6	2082.8	101.6/101.6	7/8	4.0	0.000	-	-0.305	-	-	0.000	-	-0.305	-	-	0.254	2011.7	1905.0	2.08	38.10	38.10	N/A	15		
2 7/8"	BT287454.0	73.0/60.3	2682.9	101.6/101.6	4/5	4.0	-	0.140	-	-	-	-	0.140	-	-	-	0.254	2632.2	2530.5	3.97	46.81	45.72	N/A	25		
	BT287563.5	73.0/60.3	2504.4	177.8/177.8	5/6	3.5	0.178	-	-	-	-	0.178	-	-	-	-	0.254	2311.4	2197.1	3.00	42.55	45.72	N/A	20		
	BT287564.7	73.0/60.3	2683.0	101.6/406.4	5/6	4.7	-0.076	-	-0.330	-0.838	-	0.025	-	-0.229	-0.787	-	0.254	2336.8	2235.2	3.45	48.49	47.75	N/A	26		
	BT287567.0	73.0/60.3	2971.8	203.2/203.2	5/6	7.0	0.051	-	-	-	-	0.178	-	-	-	-	0.254	2794.0	2692.4	3.10	42.11	41.91	N/A	23		
3 1/8"	BT312563.5	79.4/66.7	2235.2	101.6/101.6	5/6	3.5	-0.178	-	-0.457	-	-	-0.127	-	-0.406	-	-	0.254	2184.4	2082.8	3.95	55.22	55.25	N/A	31		
	BT312782.5	79.4/66.7	2536.8	177.8/177.8	7/8	2.5	-0.152	-	-0.432	-	-	-0.102	-	-0.381	-	-	0.254	2362.2	2197.1	3.10	53.85	52.32	N/A	34		
	BT312783.0	79.4/66.7	2692.4	127.0/127.0	7/8	3.0	0.076	-	-0.152	-	-	0.076	-	-0.152	-	-	0.254	2565.4	2463.8	2.77	50.06	50.80	N/A	33		
3 1/2"	BT350563.0	88.9/69.9	2032.0	152.4/152.4	5/6	3.0	-0.140	-	-0.648	-	-	-0.038	-	-0.546	-	-	0.254	1936.8	1835.2	3.40	54.79	50.80	N/A	28		
4 3/4"	BT475456.0	120.7/95.3	4749.8	203.2/203.2	4/5	6.0	-0.051	-	-0.508	-	-	0.000	-	-0.457	-	-	0.254	4546.6	4394.2	6.25	73.96	69.85	2.375 HEF Modified	111		
	BT475456.3	120.7/95.3	5257.8	203.2/203.2	4/5	6.3	-0.051	-0.279	-0.508	-0.737	-	0.000	-0.229	-0.457	-0.686	-	0.254	4775.2	4622.8	6.25	73.96	69.85	2.375 HEF Modified	116		
	BT475459.7	120.7/98.6	5969.0	203.2/393.7	4/5	9.7	-0.102	-0.356	-0.610	-0.864	-	0.000	-0.254	-0.508	-0.762	-	0.279	5454.7	5289.6	5.73	71.68	76.20	2.375 HEF Modified	126		
	BT475568.3	120.7/95.3	6159.5	203.2/203.2	5/6	8.3	0.305	0.051	-0.229	-0.610	-1.041	0.356	0.102	-0.178	-0.559	-0.991	0.254	5829.3	5664.2	5.26	74.07	79.38	2.375 HEF Modified	151		
	BT475782.0	120.7/95.3	4572.0	203.2/203.2	7/8	2.0	0.102	-	-0.330	-	-	0.178	-	-0.254	-	-	0.254	4381.5	4229.1	4.13	71.07	69.85	2.375 HEF Modified	108		
	BT475782.2 SLOW	120.7/95.3	5029.2	203.2/203.2	7/8	2.2	-0.013	-0.241	-0.521	-0.775	-1.029	0.038	-0.191	-0.470	-0.724	-0.953	0.254	4851.4	4699.0	4.10	71.25	71.76	1.375-6 SA	122		
	BT475782.6 ESX	120.7/95.3	5823.0	203.2/203.2	7/8	2.6	-0.127	-0.432	-0.686	-0.940	-1.092	-0.051	-0.356	-0.610	-0.864	-1.041	0.254	5588.0	5442.0	4.41	78.61	69.85	2.375 HEF Modified	173		
	BT475782.9	120.7/95.3	6350.0	203.2/203.2	7/8	2.9	-0.102	-0.356	-0.610	-0.762	-	-0.051	-0.305	-0.559	-0.711	-	0.254	6146.8	5994.4	4.13	71.07	72.39	2.375 HEF	154		
	BT475783.7	120.7/98.4	5969.0	203.2/393.7	7/8	3.7	0.000	-0.254	-0.508	-0.762	-	0.102	-0.152	-0.406	-0.635	-	0.254	5454.7	5289.6	4.48	79.30	82.55	1.375-6 SA	171		
	BT475783.8	120.7/95.3	4749.8	203.2/203.2	7/8	3.8	0.406	0.152	-0.102	-0.381	-0.889	0.483	0.229	-0.025	-0.305	-0.813	0.254	4521.2	4375.2	4.14	74.80	69.85	2.375 HEF Modified	128		
	BT475784.5 SX	120.7/95.3	5823.0	203.2/203.2	7/8	4.5	-0.025	-	-0.533	-	-	0.051	-	-0.457	-	-	0.254	5588.0	5443.2	4.36	78.51	69.85	2.375 HEF Modified	173		
	BT475785.0 RM	120.7/98.4	5029.2	203.2/203.2	7/8	5.0	0.076	-0.178	-0.432	-0.686	-0.940	0.127	-0.127	-0.381	-0.635	-0.889	0.254	4724.4	4572.0	4.34	77.24	69.85	2.375 HEF Modified	141		
	BT475785.0 WF	120.7/98.4	5029.2	203.2/203.2	7/8	5.0	0.025	-0.229	-0.483	-0.737	-	0.076	-0.178	-0.432	-0.686	-	0.254	4724.4	4572.0	4.29	77.24	69.85	2.375 HEF Modified	143		
	5"	BT500239.0	127.0/95.3	5080.0	203.2/203.2	2/3	9.0	-	-0.648	-	-	-	-	-0.571	-	-	-	0.254	4927.6	4775.2	5.68	64.44	66.04	2.375 HEF Modified	83	
BT500456.0		127.0/95.3	4749.8	203.2/203.2	4/5	6.0	-0.051	-	-0.508	-	-	0.000	-	-0.457	-	-	0.254	4546.6	4394.2	6.25	73.96	69.85	2.375 HEF Modified	111		
BT500456.3		127.0/95.3	5257.8	203.2/203.2	4/5	6.3	-0.051	-0.279	-0.508	-0.737	-	0.000	-0.229	-0.457	-0.686	-	0.254	4775.2	4622.8	6.25	73.96	69.85	2.375 HEF Modified	116		
BT500459.7		127.0/98.6	5969.0	203.2/393.7	4/5	9.7	-0.102	-0.356	-0.610	-0.864	-	0.000	-0.254	-0.508	-0.762	-	0.279	5454.7	5289.6	5.73	71.68	76.20	2.375 HEF Modified	126		
BT500563.7 Hi Flow		127.0/101.6	6350.0	203.2/393.7	5/6	3.7	0.305	-	-0.203	-	-	0.381	-	-0.127	-	-	0.254	5835.7	5670.6	5.97	79.25	82.55	1.375-6 SA	144		
BT500566.7		127.0/101.6	6350.0	203.2/203.2	5/6	6.7	0.178	-	-0.330	-0.584	-	0.254	-	-0.254	-0.508	-	0.254	6121.4	5969.0	5.97	79.25	73.66	2.375 HEF Modified	174		
BT500568.3		127.0/95.3	6159.5	203.2/203.2	5/6	8.3	0.305	0.051	-0.229	-0.610	-1.041	0.356	0.102	-0.178	-0.559	-0.991	0.254	5829.3	5664.2	5.26	74.07	79.38	2.375 HEF Modified	151		
BT5006710.0		127.0/101.6	6985.0	203.2/406.4	6/7	10.0	0.165	-	-0.724	-	-	-0.064	-	-0.622	-	-	0.254	6756.4	6604.0	4.87	82.70	86.36	2.875 HEF Modified	225		
BT500678.0	127.0/101.6	6350.0	203.2/203.2	6/7	8.0	-0.279	-0.533	-0.787	-1.041	-1.422	-0.229	-0.483	-0.737	-0.991	-1.372	0.254	6121.4	5969.0	4.88	76.66	73.66	2.375 HEF Modified	174			



POWER SECTION FIT SUMMARY - METRIC

The Leading Edge in Power Sections

7/25/2017

Table with columns: Size, Model, CONFIGURATION (Tube OD/ID, Length, Cutback, Lobes, Stages), FIT @ 75° F (mm) (NBR, NBR-HPX), Minor Diameter Tolerance, ROTOR CONFIGURATION (Overall Length, Contour Length, Ecc, Major Diameter, Head Diameter, Thread Connection), Weight. Rows include models like BT500782.0, BT625782.9 ESX, BT650457.0, etc.



The Leading Edge in Power Sections

POWER SECTION FIT SUMMARY - METRIC

7/25/2017

Size	Model	STATOR															ROTOR							
		CONFIGURATION					FIT @ 75° F (mm)										Minor Diameter Tolerance +/-	CONFIGURATION						
		Tube OD/ID mm	Length mm	Cutback mm	Lobes	Stages	NBR					NBR - HPX						Overall Length mm	Contour Length mm	Ecc mm	Major Diameter mm	Head Diameter mm	Thread Connection	Weight kg
6 3/4"	BT675568.2	171.5/139.7	6248.4	279.4/279.4	5/6	8.2	0.076	-0.279	-	-0.660	-	0.178	-0.178	-	-0.610	-	0.254	5918.2	5740.4	8.51	111.02	114.30	2.875 SLIMLINE H-90	325
	BT675675.0	171.5/139.7	5080.0	184.2/184.2	6/7	5.0	0.025	-0.356	-0.584	-0.864	-1.143	0.152	-0.229	-0.508	-0.787	-1.041	0.330	4927.6	4775.2	7.32	109.63	101.60	2.875 API REG	276
	BT675676.0	171.5/139.7	6350.0	203.2/203.2	6/7	6.0	0.025	-0.356	-0.584	-0.864	-	0.152	-0.229	-0.508	-0.787	-	0.330	6146.8	5994.4	7.32	109.63	101.60	2.875 API REG	344
	BT675782.1 ESX	171.5/134.9	5842.0	228.6/228.6	7/8	2.1	-0.229	-0.635	-0.889	-	-	-0.178	-0.584	-0.838	-	-	0.330	5613.4	5410.2	5.69	108.33	101.60	2.875 API REG	337
	BT675782.9 HTS	171.5/139.7	5588.0	203.2/203.2	7/8	2.9	-0.102	-0.432	-0.686	-0.940	-	-0.051	-0.381	-0.635	-0.889	-	0.330	5422.9	5245.1	6.20	109.12	101.60	2.875 API REG	317
	BT675783.0	171.5/139.7	3175.0	203.2/203.2	7/8	3.0	0.356	-0.025	-0.330	-0.508	-	0.483	0.102	-0.203	-0.432	-	0.279	3009.9	2832.1	6.50	114.81	101.60	2.875 API REG	197
	BT675783.0 SLOW	171.5/139.7	5181.6	190.5/190.5	7/8	3.0	0.051	-0.254	-0.457	-0.762	-	0.152	-0.152	-0.356	-0.660	-	0.279	5016.5	4851.4	6.48	116.08	101.60	2.875 API REG	311
	BT675783.3 HTS	171.5/139.7	6223.0	203.2/203.2	7/8	3.3	-0.102	-0.381	-0.635	-0.889	-	0.000	-0.279	-0.533	-0.787	-	0.305	6057.9	5880.1	6.48	114.30	101.60	2.875 API REG	398
	BT675785.0	171.5/139.7	4940.3	203.2/203.2	7/8	5.0	0.356	-0.025	-0.330	-0.508	-0.787	0.483	0.102	-0.203	-0.432	-0.711	0.279	4775.2	4597.4	6.50	114.81	101.60	2.875 API REG	315
	BT675785.7 SX	171.5/139.7	6604.0	203.2/203.2	7/8	5.7	0.064	-0.190	-0.622	-0.952	-	0.114	-0.140	-0.571	-0.902	-	0.305	6400.8	6223.0	6.25	117.96	114.30	2.875 API REG	454
	BT675786.0	171.5/139.7	5969.0	203.2/203.2	7/8	6.0	0.356	-0.025	-0.330	-0.508	-0.787	0.483	0.102	-0.203	-0.432	-0.711	0.279	5664.2	5486.4	6.50	114.81	114.30	2.875 API REG	377
	BT675786.4	171.5/139.7	6223.0	203.2/203.2	7/8	6.4	0.356	-0.025	-0.330	-0.508	-	0.483	0.102	-0.203	-0.432	-	0.279	6057.9	5880.1	6.50	114.81	101.60	2.875 API REG	400
BT6759102.1	171.5/139.7	2057.4	203.2/203.2	9/10	2.1	0.191	-	-0.394	-	-	0.292	-	-0.292	-	-	0.330	1905.0	1727.2	4.93	109.52	109.22	2.875 API IF	118	
7"	BT7006711.4	177.8/146.1	6985.0	254.0/254.0	6/7	11.4	-0.102	-	-	-0.787	-	0.000	-	-	-0.686	-	0.330	6781.8	6578.6	7.76	119.10	114.30	2.875 SLIMLINE H-90	406
	BT700676.5	177.8/146.1	6985.0	203.2/203.2	6/7	6.5	0.038	-0.292	-0.622	-	-	0.140	-0.191	-0.521	-	-	0.330	6781.8	6578.6	7.66	120.57	120.65	2.875 SLIMLINE H-90	423
	BT700678.4	177.8/146.1	6985.0	203.2/203.2	6/7	8.4	0.038	-	-0.597	-	-	0.140	-	-0.495	-	-	0.330	6781.8	6578.6	7.66	120.57	120.65	2.875 SLIMLINE H-90	423
	BT700786.8	177.8/146.1	6248.4	279.4/279.4	7/8	6.8	-0.051	-	-0.635	-	-	0.051	-	-0.533	-	-	0.279	5918.2	5740.4	6.35	115.27	114.30	2.875 SLIMLINE H-90	398
7 3/4"	BT775455.3	196.9/158.8	5791.2	203.2/203.2	4/5	5.3	-0.025	-0.356	-0.660	-0.991	-	0.076	-0.254	-0.559	-0.889	-	0.305	5613.4	5410.2	10.54	125.48	120.65	3.50 API IF	388
	BT775782.2	196.9/158.8	5791.2	203.2/203.2	7/8	2.2	-0.025	-	-	-	-	0.076	-	-	-	-	0.330	5613.4	5410.2	7.05	128.91	120.65	3.50 API IF	473
	BT775782.5 SLOW	196.9/158.8	6451.6	203.2/203.2	7/8	2.5	0.089	-	-0.673	-	-1.435	0.191	-	-0.571	-	-1.334	0.330	6248.4	6070.6	7.61	130.58	117.60	3.50 API REG	525
	BT775784.0	196.9/158.8	5162.6	203.2/203.2	7/8	4.0	0.203	-0.178	-0.559	-0.940	-	0.330	-0.051	-0.432	-0.813	-	0.330	4984.8	4781.6	7.44	131.72	120.65	3.50 API REG	434
8"	BT800455.3	203.2/158.8	5791.2	203.2/203.2	4/5	5.3	-0.025	-0.356	-0.660	-0.991	-	0.076	-0.254	-0.559	-0.889	-	0.305	5613.4	5410.2	10.54	125.48	120.65	3.50 API IF	388
	BT800674.0	203.2/158.8	5232.4	203.2/203.2	6/7	4.0	0.267	-	-	-	-	0.165	-	-	-	-	0.305	5054.6	4876.8	8.54	125.93	120.65	3.50 API IF	367
	BT800782.2	203.2/158.8	5791.2	203.2/203.2	7/8	2.2	-0.025	-	-	-	-	0.076	-	-	-	-	0.330	5613.4	5410.2	7.05	128.91	120.65	3.50 API IF	473
	BT800782.5 SLOW	203.2/158.8	6451.6	203.2/203.2	7/8	2.5	0.089	-	-0.673	-	-1.435	0.191	-	-0.571	-	-1.334	0.330	6248.4	6070.6	7.61	130.58	117.60	3.50 API REG	525
	BT800783.0	203.2/158.8	4064.0	203.2/203.2	7/8	3.0	0.356	-	-	-	-	0.432	-	-	-	-	0.330	3886.2	3683.0	7.44	131.72	120.65	3.50 API REG	338
	BT800783.4 ESX	203.2/158.8	7620.0	203.2/203.2	7/8	3.4	-0.381	-0.762	-1.143	-	-	-0.279	-0.660	-1.041	-	-	0.330	7442.2	7239.0	7.38	134.80	120.65	3.50 API IF	624
	BT800784.0	203.2/158.8	5162.6	203.2/203.2	7/8	4.0	0.203	-0.178	-0.559	-0.940	-	0.330	-0.051	-0.432	-0.813	-	0.330	4984.8	4781.6	7.44	131.72	120.65	3.50 API REG	434
	BT800896.0	203.2/165.1	5232.4	203.2/203.2	8/9	6.0	0.152	-	-	-	-	0.254	-	-	-	-	0.330	4876.8	4699.0	6.93	138.66	120.65	3.50 API IF	471
9 5/8"	BT962565.0	244.5/200.2	5892.8	254.0/254.0	5/6	5.0	-0.229	-	-0.864	-	-	-0.127	-	-0.762	-	-	0.483	5638.8	5410.2	11.99	159.92	139.70	4.00 API FH	639
	BT962675.0	244.5/200.2	5537.2	203.2/203.2	6/7	5.0	0.216	-	-	-	-	0.292	-	-	-	-	0.483	5130.8	4953.0	10.86	162.64	139.70	4.00 API FH	625
	BT962785.7	244.5/200.2	6096.0	254.0/254.0	7/8	5.7	0.076	-	-	-	-	0.127	-	-	-	-	0.483	5864.4	5638.8	8.99	161.87	139.70	4.00 API FH	749



*The Leading Edge in Power Sections*

**POWER SECTION FIT SUMMARY - METRIC**

7/25/2017

		STATOR															ROTOR							
Size	Model	CONFIGURATION					FIT @ 75° F (mm)										Minor Diameter Tolerance +/-	CONFIGURATION						
		Tube OD/ID mm	Length mm	Cutback mm	Lobes	Stages	NBR					NBR - HPX						Overall Length mm	Contour Length mm	Ecc mm	Major Diameter mm	Head Diameter mm	Thread Connection	Weight kg
							STD	.50S	10S	1.50S	20S	STD	.50S	10S	1.50S	20S								
11 1/4"	BT1125565.0	285.8/200.2	5892.8	254.0/254.0	5/6	5.0	-0.229	-	-0.864	-	-	-0.127	-	-0.762	-	-	0.483	5638.8	5410.2	11.99	159.92	139.70	4.00 API FH	639
	BT1125675.0	285.8/200.2	5537.2	203.2/203.2	6/7	5.0	0.216	-	-	-	-	0.292	-	-	-	-	0.483	5130.8	4953.0	10.86	162.64	139.70	4.00 API FH	625
	BT1125785.7	285.8/200.2	6096.0	254.0/254.0	7/8	5.7	0.076	-	-	-	-	0.127	-	-	-	-	0.483	5864.4	5638.8	8.99	161.87	139.70	4.00 API FH	749