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F12-162-SF-IV-D-000-0000-PT

F12-162



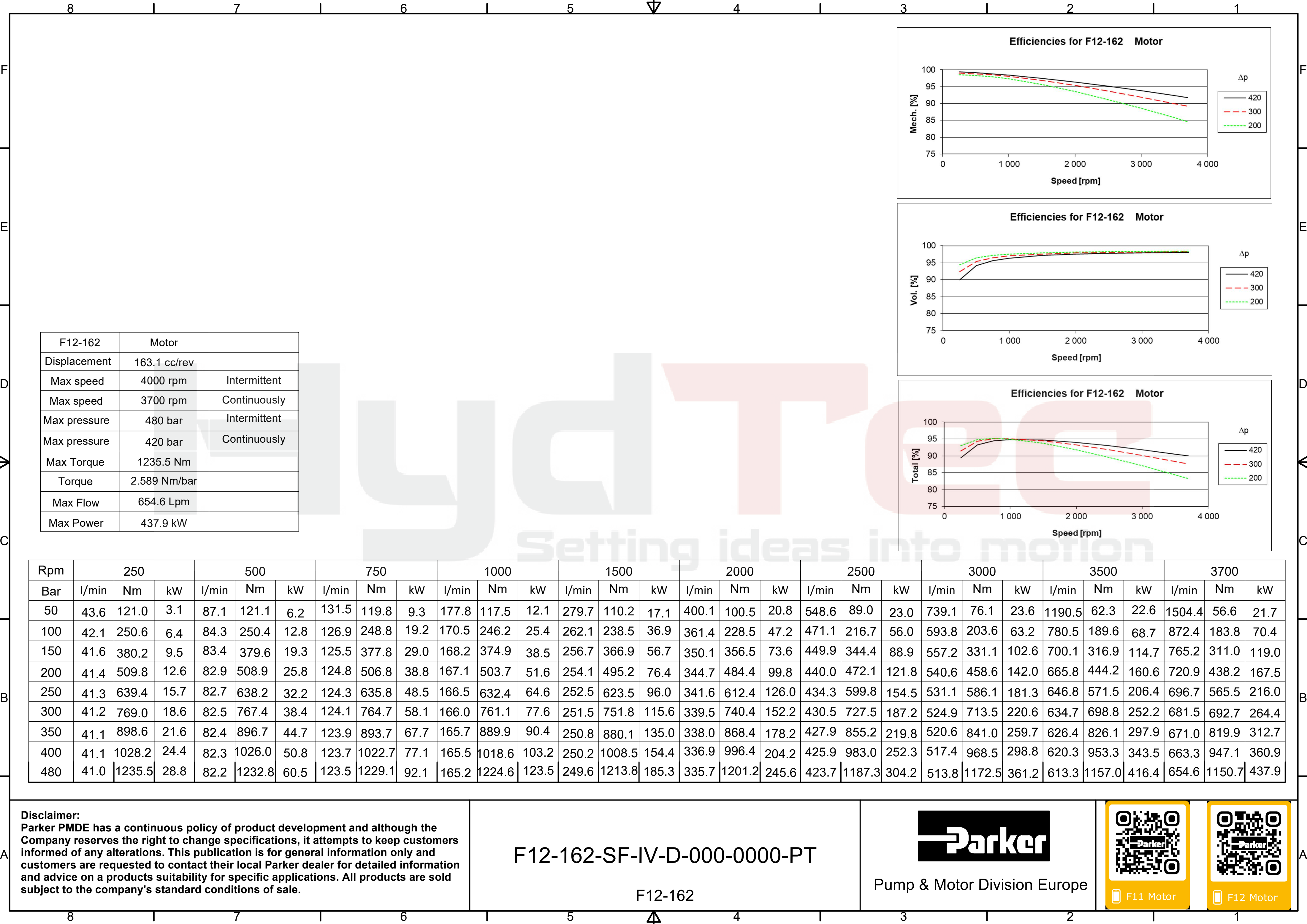
Pump & Motor Division Europe



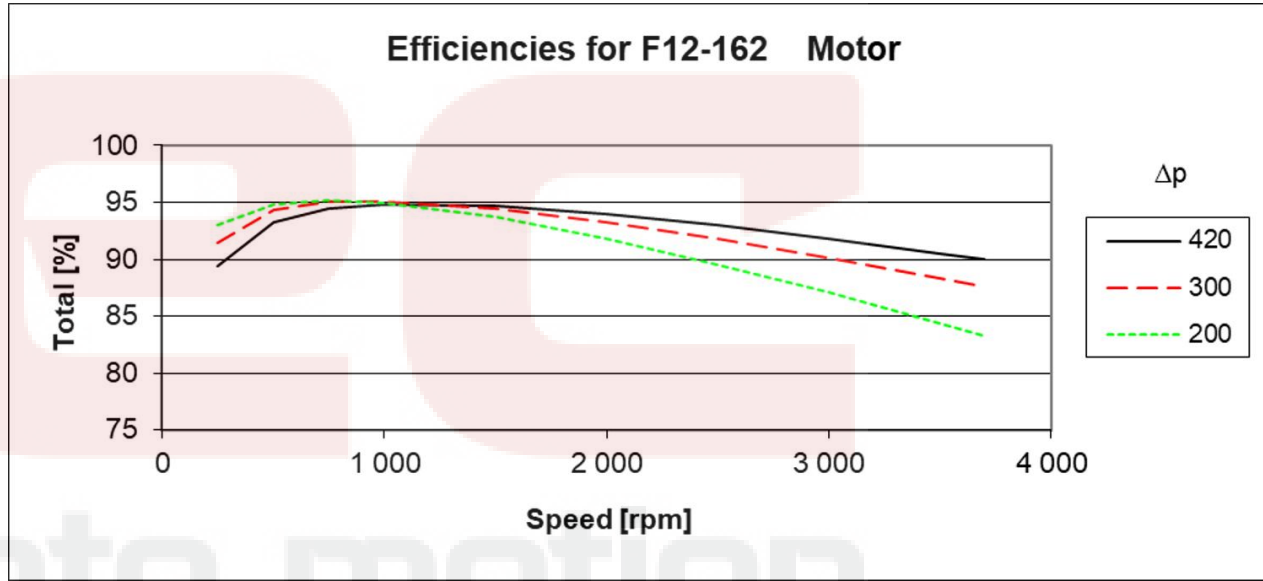
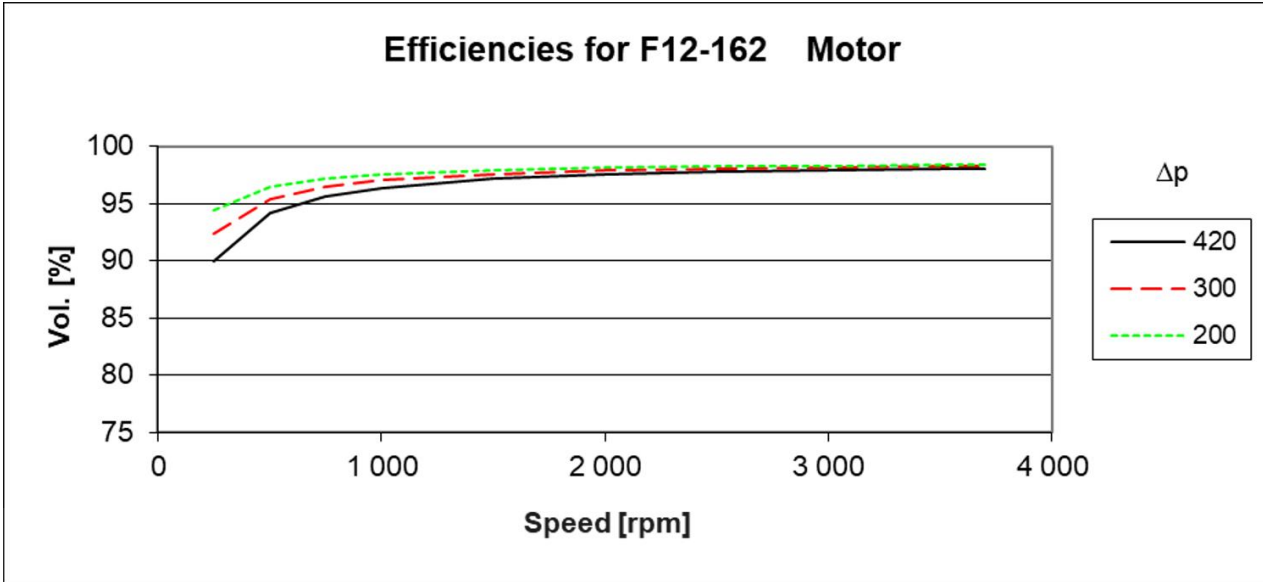
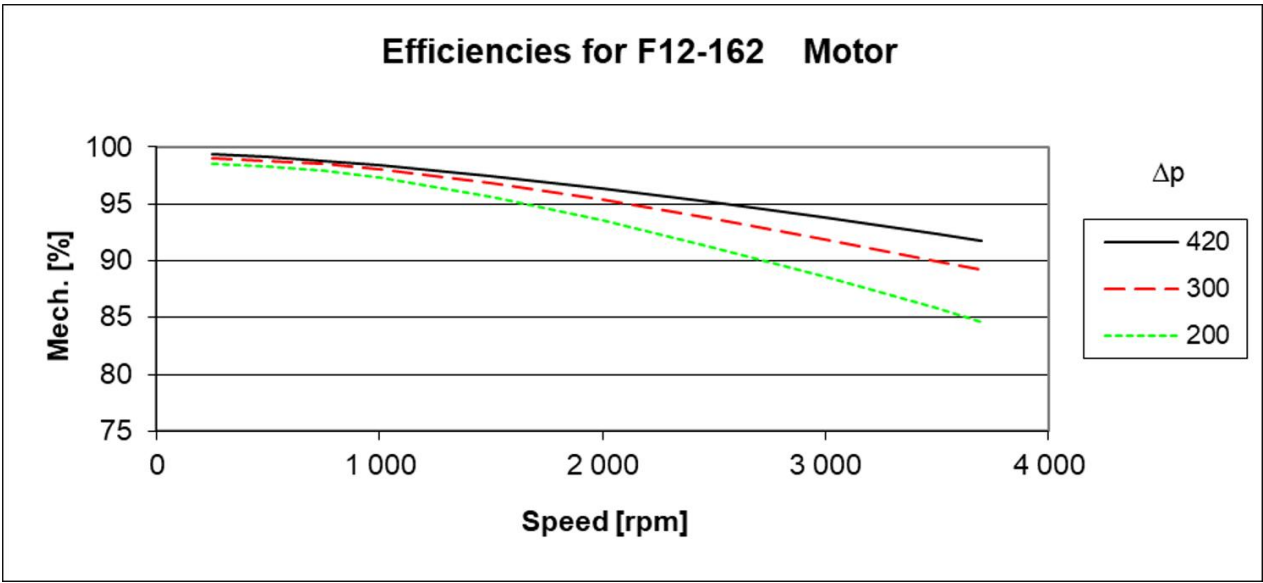
F11 Motor



F12 Motor



F12-162	Motor	
Displacement	163.1 cc/rev	
Max speed	4000 rpm	Intermittent
Max speed	3700 rpm	Continuously
Max pressure	480 bar	Intermittent
Max pressure	420 bar	Continuously
Max Torque	1235.5 Nm	
Torque	2.589 Nm/bar	
Max Flow	654.6 Lpm	
Max Power	437.9 kW	



Rpm	250			500			750			1000			1500			2000			2500			3000			3500			3700		
Bar	l/min	Nm	kW	l/min	Nm	kW	l/min	Nm	kW	l/min	Nm	kW	l/min	Nm	kW	l/min	Nm	kW	l/min	Nm	kW	l/min	Nm	kW	l/min	Nm	kW	l/min	Nm	kW
50	43.6	121.0	3.1	87.1	121.1	6.2	131.5	119.8	9.3	177.8	117.5	12.1	279.7	110.2	17.1	400.1	100.5	20.8	548.6	89.0	23.0	739.1	76.1	23.6	1190.5	62.3	22.6	1504.4	56.6	21.7
100	42.1	250.6	6.4	84.3	250.4	12.8	126.9	248.8	19.2	170.5	246.2	25.4	262.1	238.5	36.9	361.4	228.5	47.2	471.1	216.7	56.0	593.8	203.6	63.2	780.5	189.6	68.7	872.4	183.8	70.4
150	41.6	380.2	9.5	83.4	379.6	19.3	125.5	377.8	29.0	168.2	374.9	38.5	256.7	366.9	56.7	350.1	356.5	73.6	449.9	344.4	88.9	557.2	331.1	102.6	700.1	316.9	114.7	765.2	311.0	119.0
200	41.4	509.8	12.6	82.9	508.9	25.8	124.8	506.8	38.8	167.1	503.7	51.6	254.1	495.2	76.4	344.7	484.4	99.8	440.0	472.1	121.8	540.6	458.6	142.0	665.8	444.2	160.6	720.9	438.2	167.5
250	41.3	639.4	15.7	82.7	638.2	32.2	124.3	635.8	48.5	166.5	632.4	64.6	252.5	623.5	96.0	341.6	612.4	126.0	434.3	599.8	154.5	531.1	586.1	181.3	646.8	571.5	206.4	696.7	565.5	216.0
300	41.2	769.0	18.6	82.5	767.4	38.4	124.1	764.7	58.1	166.0	761.1	77.6	251.5	751.8	115.6	339.5	740.4	152.2	430.5	727.5	187.2	524.9	713.5	220.6	634.7	698.8	252.2	681.5	692.7	264.4
350	41.1	898.6	21.6	82.4	896.7	44.7	123.9	893.7	67.7	165.7	889.9	90.4	250.8	880.1	135.0	338.0	868.4	178.2	427.9	855.2	219.8	520.6	841.0	259.7	626.4	826.1	297.9	671.0	819.9	312.7
400	41.1	1028.2	24.4	82.3	1026.0	50.8	123.7	1022.7	77.1	165.5	1018.6	103.2	250.2	1008.5	154.4	336.9	996.4	204.2	425.9	983.0	252.3	517.4	968.5	298.8	620.3	953.3	343.5	663.3	947.1	360.9
480	41.0	1235.5	28.8	82.2	1232.8	60.5	123.5	1229.1	92.1	165.2	1224.6	123.5	249.6	1213.8	185.3	335.7	1201.2	245.6	423.7	1187.3	304.2	513.8	1172.5	361.2	613.3	1157.0	416.4	654.6	1150.7	437.9

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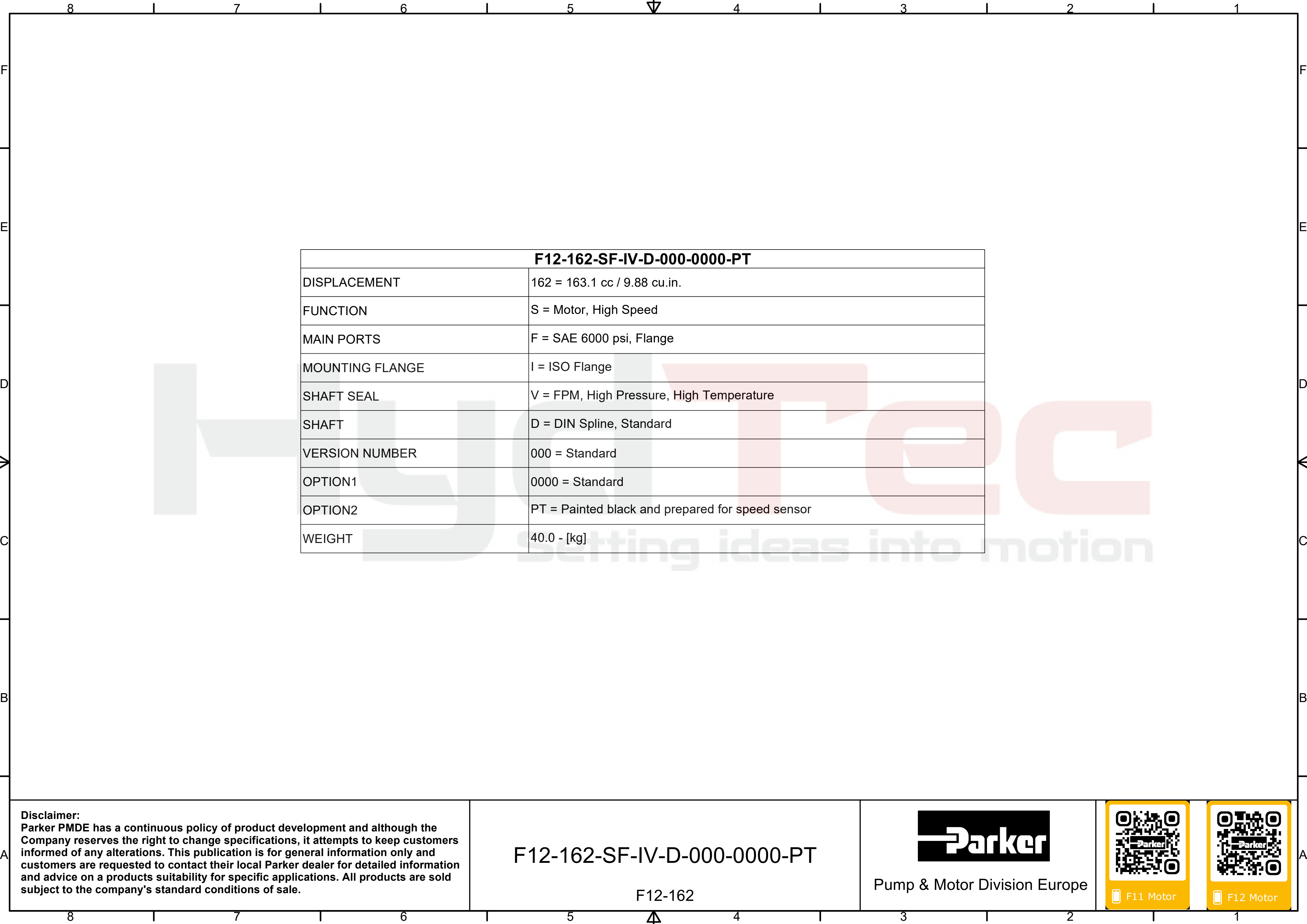
Pump & Motor Division Europe



F11 Motor



F12 Motor



F12-162-SF-IV-D-000-0000-PT	
DISPLACEMENT	162 = 163.1 cc / 9.88 cu.in.
FUNCTION	S = Motor, High Speed
MAIN PORTS	F = SAE 6000 psi, Flange
MOUNTING FLANGE	I = ISO Flange
SHAFT SEAL	V = FPM, High Pressure, High Temperature
SHAFT	D = DIN Spline, Standard
VERSION NUMBER	000 = Standard
OPTION1	0000 = Standard
OPTION2	PT = Painted black and prepared for speed sensor
WEIGHT	40.0 - [kg]

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