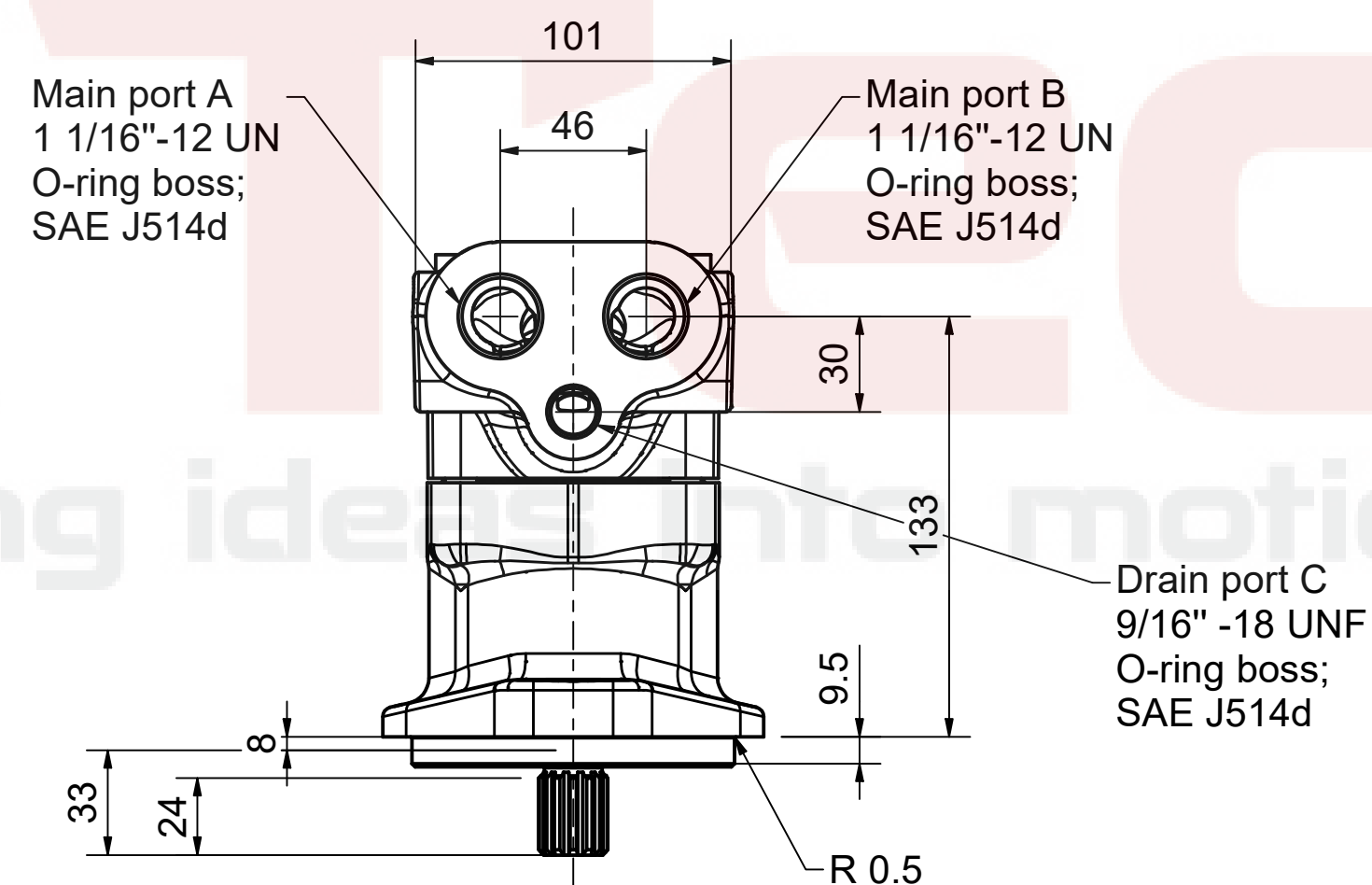


Type S spline shaft  
SAE B,13T,16/32 DP  
(SAE J498b, class 1;  
30 involute spline;  
flat root,side fit)



Main port A  
1 1/16"-12 UN  
O-ring boss;  
SAE J514d

Main port B  
1 1/16"-12 UN  
O-ring boss;  
SAE J514d

Drain port C  
9/16"-18 UNF  
O-ring boss;  
SAE J514d

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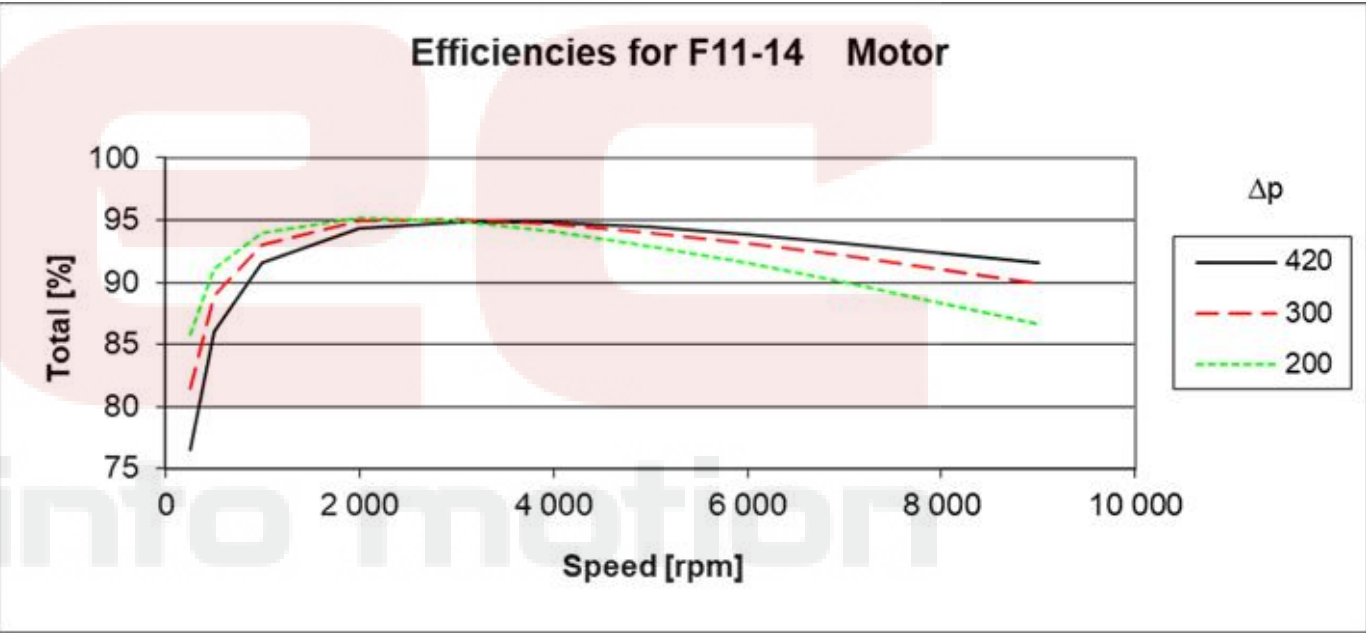
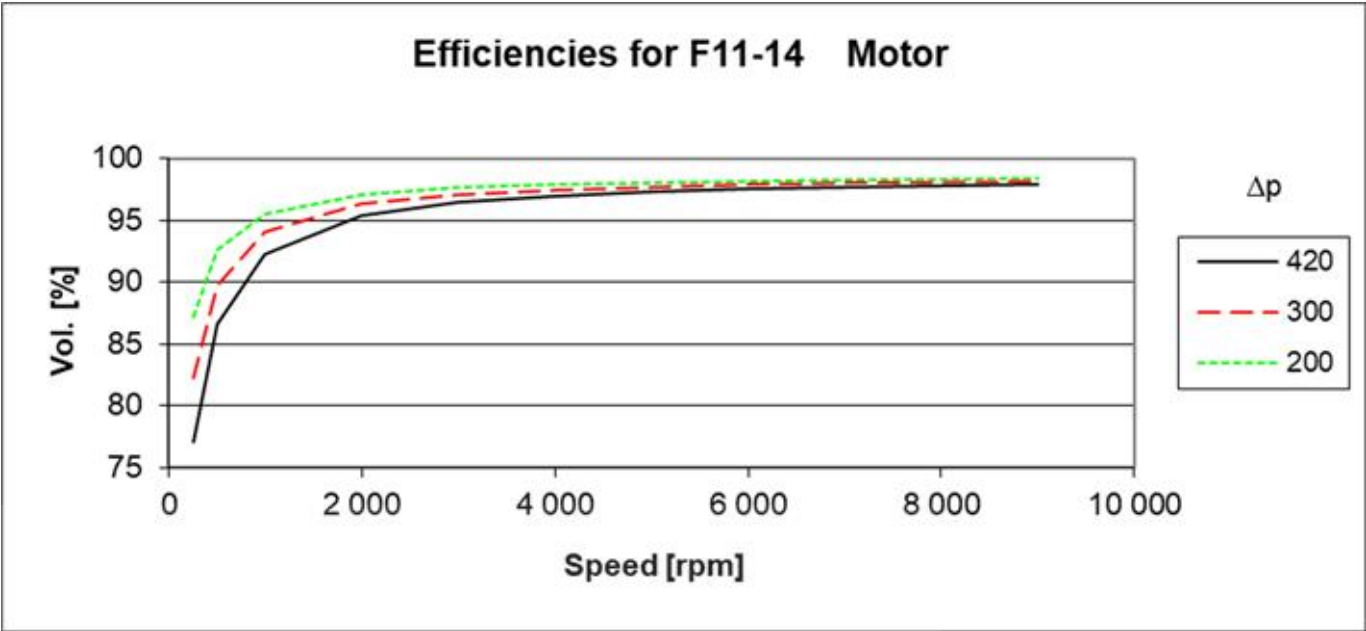
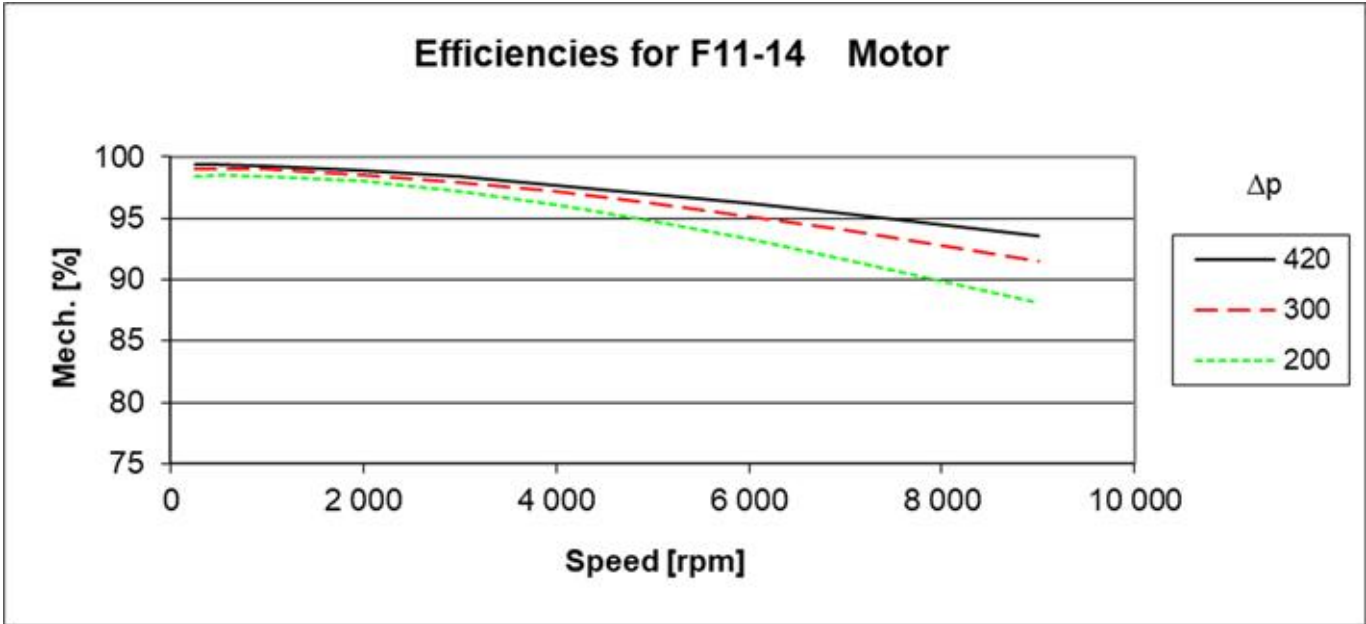


F11 Motor



F12 Motor

F11-14	Motor	
Displacement	14.3 cc/rev	
Max speed	9900 rpm	Intermittent
Max speed	9000 rpm	Continuously
Max pressure	420 bar	Intermittent
Max pressure	350 bar	Continuously
Max Torque	94.8 Nm	
Torque	0.227 Nm/bar	
Max Flow	131.4 Lpm	
Max Power	82.5 kW	



Rpm	250			500			1000			2000			3000			4000			5000			6000			7000			9000		
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	3.7	10.5	0.3	7.4	10.6	0.5	14.6	10.6	1.1	29.1	10.5	2.2	43.6	10.3	3.2	58.1	9.8	4.1	72.6	9.3	4.8	87.1	8.7	5.4	101.5	8.0	5.8	130.5	6.5	6.0
100	3.9	21.9	0.5	7.5	22.0	1.1	14.7	22.0	2.2	29.2	21.9	4.5	43.7	21.6	6.7	58.2	21.1	8.7	72.7	20.6	10.6	87.2	19.9	12.3	101.7	19.2	13.9	130.6	17.6	16.4
150	4.0	33.3	0.8	7.6	33.3	1.6	14.8	33.3	3.4	29.3	33.2	6.8	43.8	32.8	10.1	58.3	32.4	13.3	72.8	31.8	16.4	87.3	31.1	19.3	101.8	30.4	22.0	130.8	28.8	26.8
200	4.1	44.7	1.0	7.7	44.7	2.2	15.0	44.7	4.5	29.5	44.5	9.1	43.9	44.1	13.6	58.4	43.6	17.9	72.9	43.0	22.1	87.4	42.4	26.2	101.9	41.6	30.0	130.9	40.0	37.2
250	4.2	56.1	1.2	7.8	56.1	2.7	15.1	56.0	5.6	29.6	55.8	11.3	44.1	55.4	17.0	58.6	54.9	22.5	73.0	54.3	27.9	87.5	53.6	33.1	102.0	52.8	38.1	131.0	51.2	47.5
300	4.3	67.4	1.5	8.0	67.4	3.2	15.2	67.4	6.7	29.7	67.1	13.6	44.2	66.7	20.4	58.7	66.1	27.1	73.2	65.5	33.6	87.7	64.8	40.0	102.1	64.0	46.1	131.1	62.3	57.8
350	4.5	78.8	1.7	8.1	78.8	3.7	15.3	78.7	7.7	29.8	78.4	15.8	44.3	78.0	23.8	58.8	77.4	31.6	73.3	76.7	39.3	87.8	76.0	46.8	102.3	75.2	54.1	131.2	73.5	68.1
420	4.6	94.8	1.9	8.3	94.7	4.3	15.5	94.6	9.2	30.0	94.3	18.9	44.5	93.8	28.5	59.0	93.2	38.0	73.5	92.5	47.3	88.0	91.7	56.4	102.4	90.9	65.3	131.4	89.2	82.5

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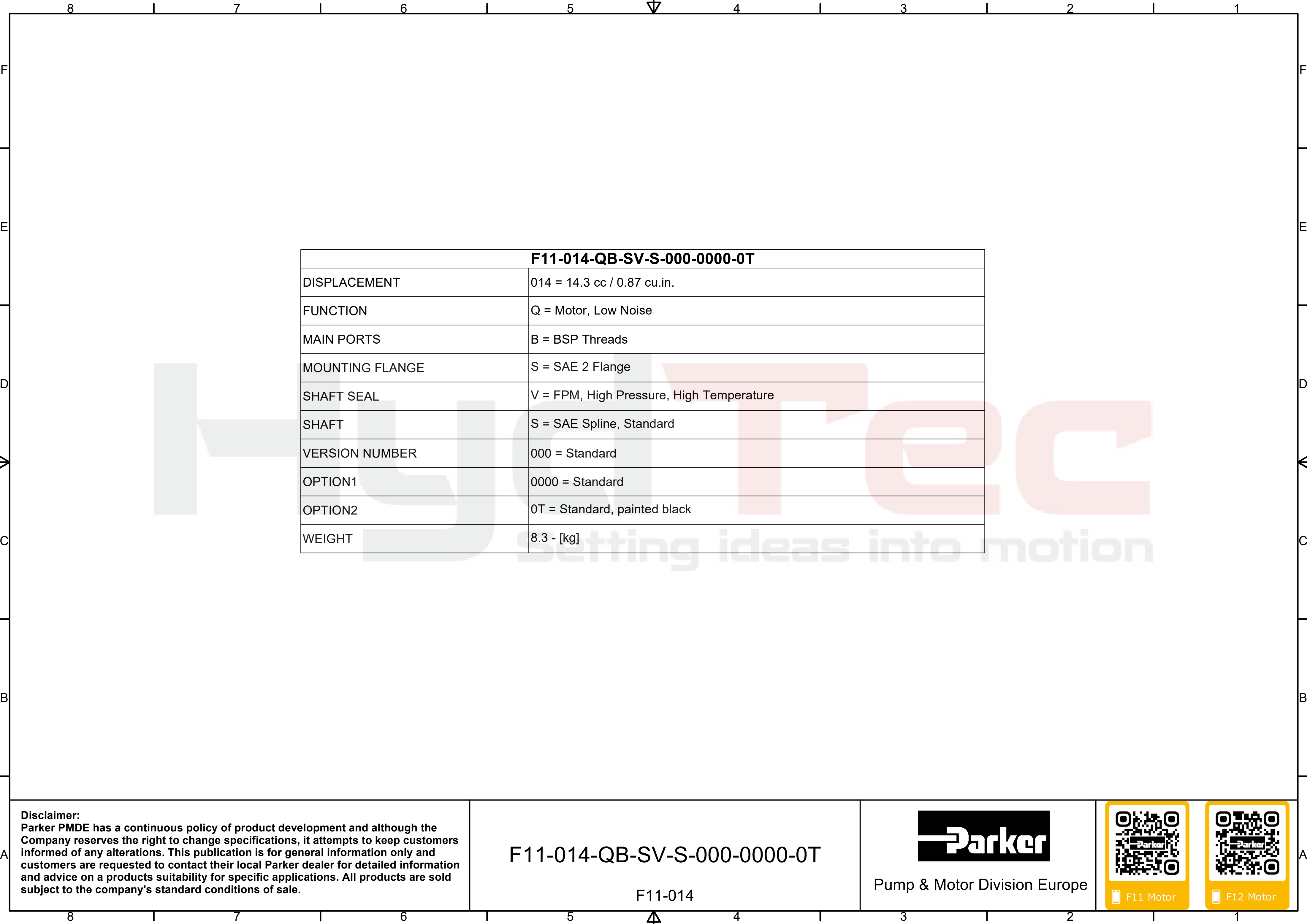
Pump & Motor Division Europe



F11 Motor



F12 Motor



F11-014-QB-SV-S-000-0000-0T	
DISPLACEMENT	014 = 14.3 cc / 0.87 cu.in.
FUNCTION	Q = Motor, Low Noise
MAIN PORTS	B = BSP Threads
MOUNTING FLANGE	S = SAE 2 Flange
SHAFT SEAL	V = FPM, High Pressure, High Temperature
SHAFT	S = SAE Spline, Standard
VERSION NUMBER	000 = Standard
OPTION1	0000 = Standard
OPTION2	0T = Standard, painted black
WEIGHT	8.3 - [kg]

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Pump & Motor Division Europe



F11 Motor



F12 Motor