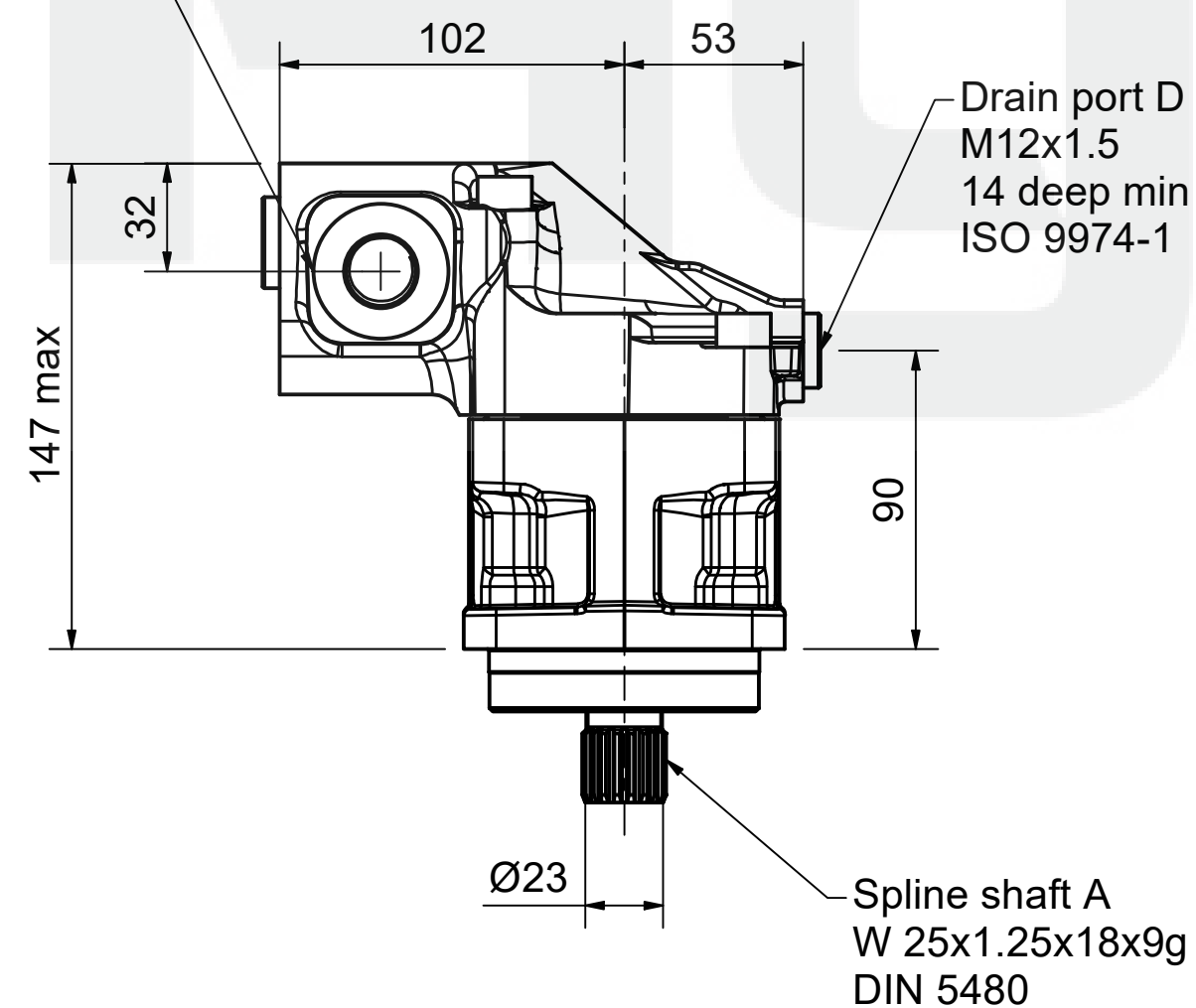
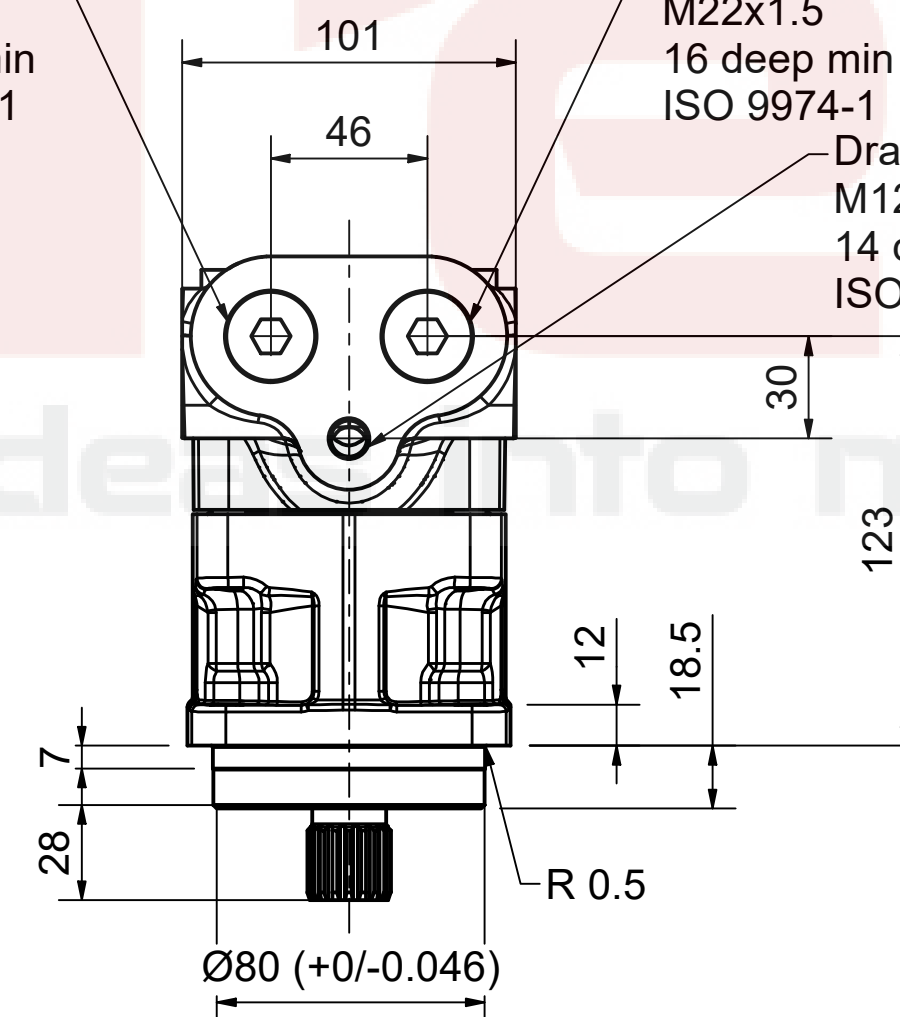


Side ports M (both sides)  
M22x1.5  
14 deep min  
ISO 9974-1



Main port A  
M22x1.5  
16 deep min  
ISO 9974-1



Main port B  
M22x1.5  
16 deep min  
ISO 9974-1

Drain port C  
M12x1.5  
14 deep min  
ISO 9974-1

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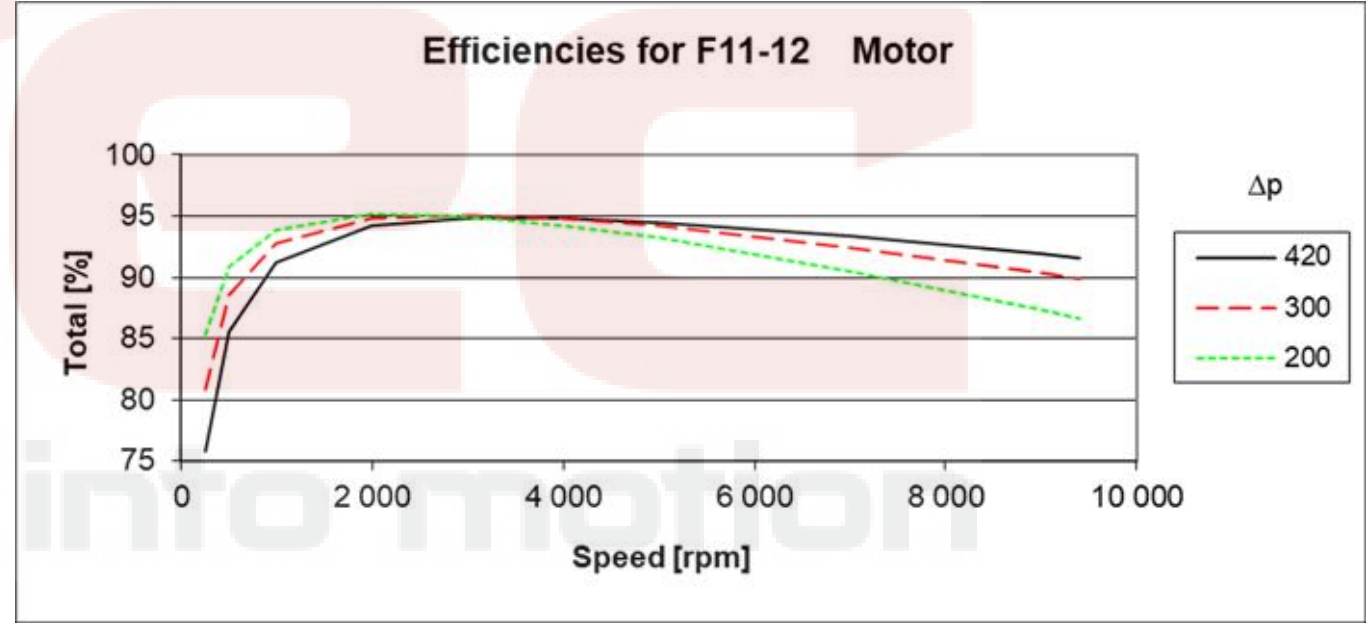
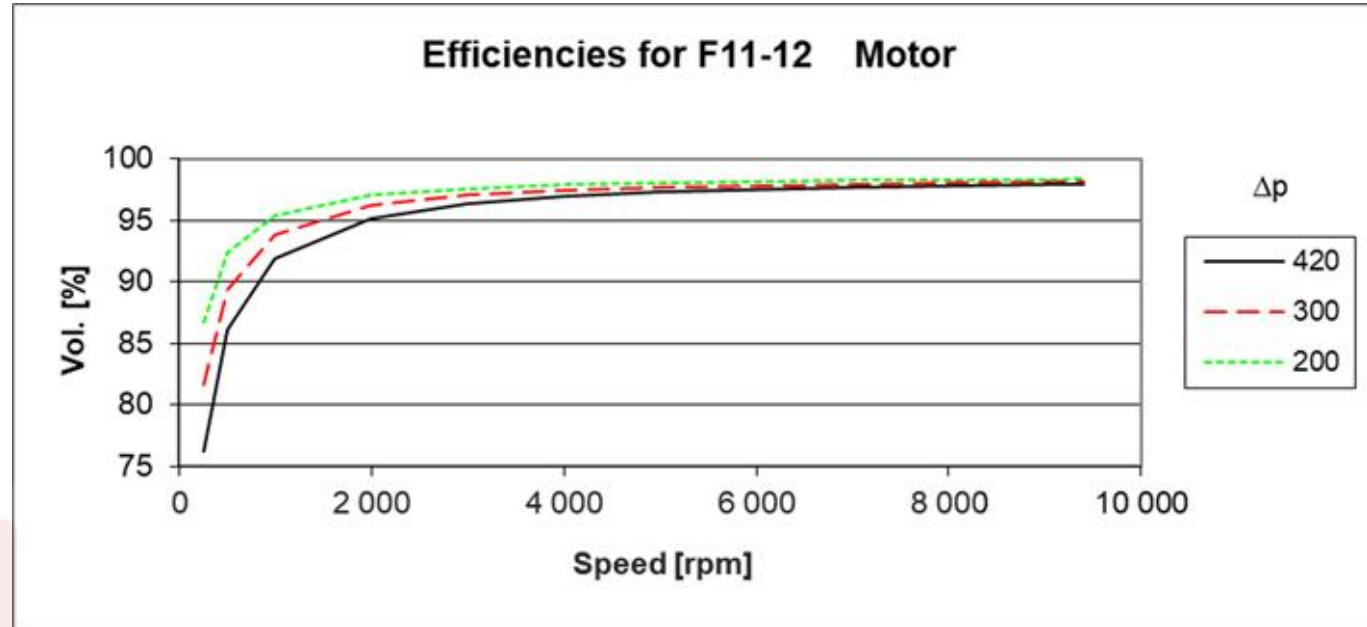
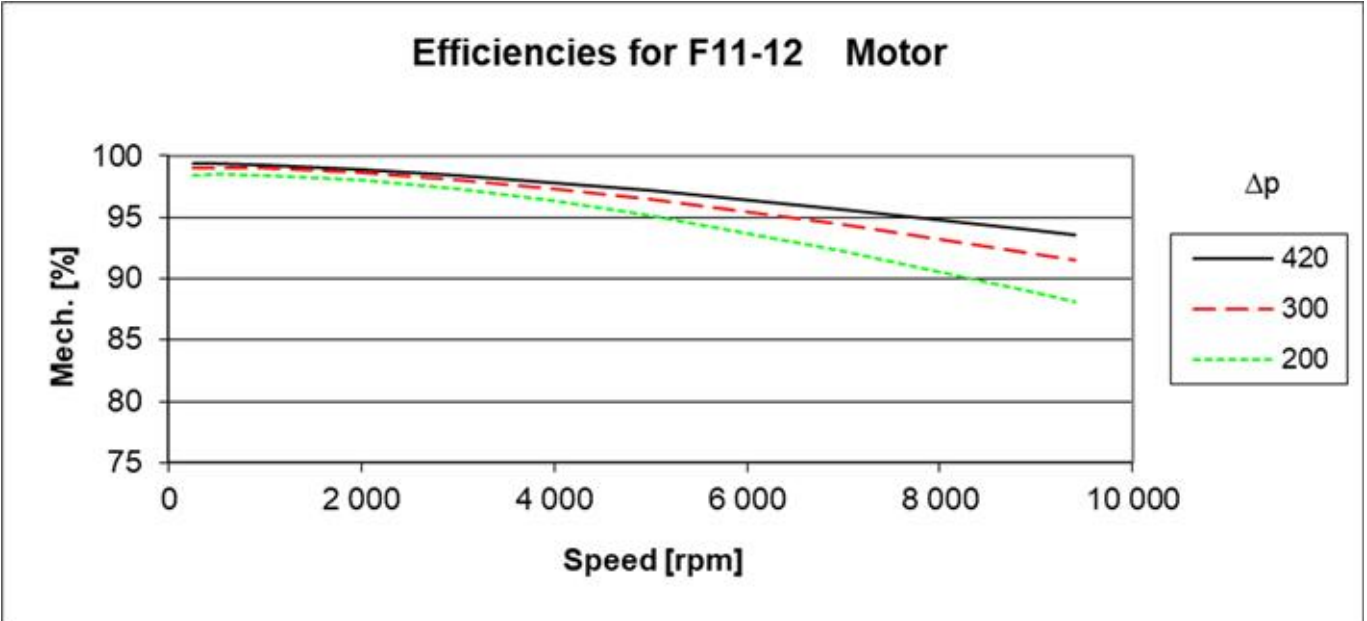


F11 Motor



F12 Motor

F11-12	Motor	
Displacement	12.5 cc/rev	
Max speed	10300 rpm	Intermittent
Max speed	9400 rpm	Continuously
Max pressure	420 bar	Intermittent
Max pressure	350 bar	Continuously
Max Torque	82.8 Nm	
Torque	0.198 Nm/bar	
Max Flow	120.0 Lpm	
Max Power	75.3 kW	



Rpm	250			500			1000			2000			3000			4000			5000			7000			9000			9400		
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	3.3	9.2	0.2	6.4	9.2	0.5	12.8	9.3	1.0	25.4	9.2	1.9	38.1	9.0	2.8	50.8	8.7	3.6	63.4	8.3	4.3	88.8	7.2	5.2	114.1	5.9	5.5	119.2	5.7	5.5
100	3.4	19.2	0.5	6.6	19.2	1.0	12.9	19.2	2.0	25.5	19.1	3.9	38.2	18.9	5.8	50.9	18.5	7.6	63.5	18.1	9.3	88.9	17.0	12.3	114.2	15.7	14.6	119.3	15.4	15.0
150	3.5	29.1	0.7	6.7	29.1	1.4	13.0	29.1	2.9	25.7	29.0	5.9	38.3	28.8	8.9	51.0	28.4	11.7	63.7	27.9	14.4	89.0	26.8	19.4	114.3	25.5	23.7	119.4	25.2	24.5
200	3.6	39.1	0.9	6.8	39.1	1.9	13.1	39.1	3.9	25.8	38.9	7.9	38.4	38.6	11.9	51.1	38.2	15.7	63.8	37.7	19.4	89.1	36.6	26.4	114.4	35.2	32.7	119.5	35.0	33.9
250	3.7	49.0	1.1	6.9	49.0	2.3	13.2	49.0	4.9	25.9	48.8	9.9	38.5	48.5	14.9	51.2	48.1	19.7	63.9	47.6	24.4	89.2	46.4	33.4	114.5	45.0	41.8	119.6	44.7	43.4
300	3.8	59.0	1.3	7.0	59.0	2.8	13.3	58.9	5.8	26.0	58.7	11.9	38.7	58.4	17.8	51.3	57.9	23.7	64.0	57.4	29.4	89.3	56.2	40.4	114.6	54.8	50.8	119.7	54.5	52.8
350	3.9	68.9	1.4	7.1	68.9	3.2	13.4	68.8	6.7	26.1	68.6	13.8	38.8	68.2	20.8	51.4	67.8	27.7	64.1	67.2	34.4	89.4	66.0	47.4	114.8	64.6	59.8	119.8	64.3	62.2
420	4.1	82.8	1.7	7.3	82.8	3.7	13.6	82.7	8.0	26.3	82.4	16.5	38.9	82.0	24.9	51.6	81.5	33.2	64.3	81.0	41.3	89.6	79.7	57.2	114.9	78.2	72.4	120.0	77.9	75.3

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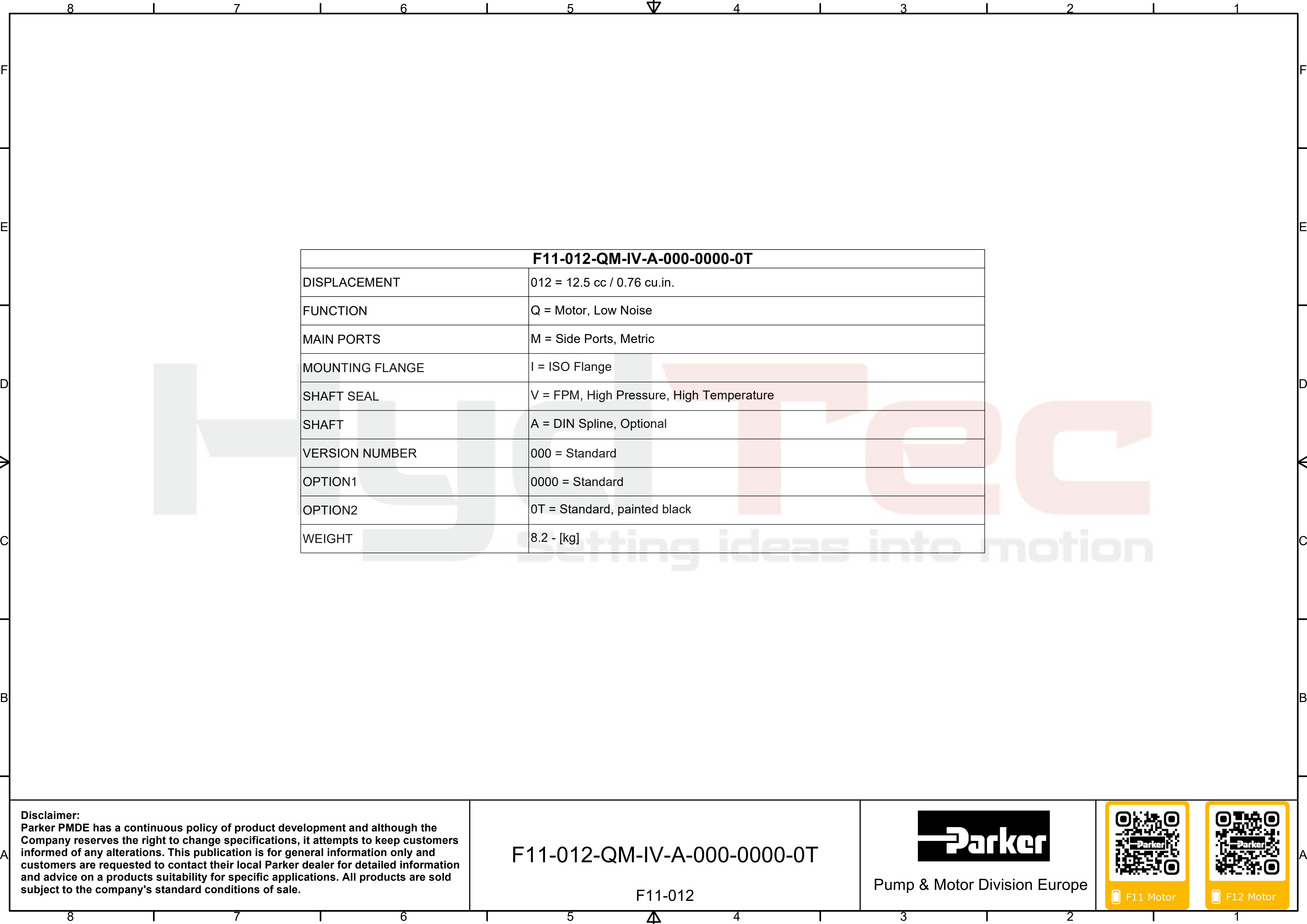
Pump & Motor Division Europe



F11 Motor



F12 Motor



F11-012-QM-IV-A-000-0000-0T	
DISPLACEMENT	012 = 12.5 cc / 0.76 cu.in.
FUNCTION	Q = Motor, Low Noise
MAIN PORTS	M = Side Ports, Metric
MOUNTING FLANGE	I = ISO Flange
SHAFT SEAL	V = FPM, High Pressure, High Temperature
SHAFT	A = DIN Spline, Optional
VERSION NUMBER	000 = Standard
OPTION1	0000 = Standard
OPTION2	0T = Standard, painted black
WEIGHT	8.2 - [kg]

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F11 Motor



F12 Motor