

**Disclaimer:**  
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F12-030-MS-SV-T-000-MUVL-P0

F12-030



Pump & Motor Division Europe



F11 Motor



F12 Motor

F

E

D

C

B

A

F12-30	Motor	
Displacement	30 cc/rev	
Max speed	8600 rpm	Intermittent
Max speed	6700 rpm	Continuously
Max pressure	480 bar	Intermittent
Max pressure	420 bar	Continuously
Max Torque	227.4 Nm	
Torque	0.476 Nm/bar	
Max Flow	205.1 Lpm	
Max Power	145.4 kW	

Rpm	250			500			750			1000			2000			3000			4000			5000			6000			6700		
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	7.7	22.2	0.6	15.3	22.3	1.1	22.9	22.3	1.7	30.5	22.2	2.3	60.9	21.3	4.4	91.3	19.6	6.1	121.7	17.4	7.2	152.1	14.8	7.6	182.5	11.9	7.4	203.8	9.8	6.8
100	7.9	46.0	1.1	15.5	46.1	2.3	23.1	46.1	3.5	30.7	46.0	4.7	61.1	45.0	9.3	91.5	43.2	13.4	121.9	40.9	16.9	152.3	38.2	19.8	182.7	35.3	21.9	204.0	33.2	23.0
150	8.1	69.9	1.7	15.7	69.9	3.5	23.3	69.9	5.3	30.8	69.8	7.1	61.2	68.6	14.1	91.6	66.7	20.6	122.0	64.4	26.6	152.4	61.7	31.9	182.8	58.8	36.4	204.1	56.6	39.2
200	8.2	93.8	2.2	15.8	93.8	4.7	23.4	93.7	7.1	31.0	93.5	9.5	61.4	92.3	18.9	91.8	90.3	27.9	122.2	87.9	36.3	152.6	85.1	43.9	183.0	82.2	50.9	204.3	80.0	55.4
250	8.4	117.6	2.8	16.0	117.6	5.8	23.6	117.5	8.8	31.2	117.3	11.9	61.6	115.9	23.7	91.9	113.9	35.1	122.3	111.4	45.9	152.7	108.6	56.0	183.1	105.6	65.4	204.4	103.4	71.5
300	8.5	141.5	3.3	16.1	141.4	6.9	23.7	141.3	10.6	31.3	141.0	14.2	61.7	139.6	28.5	92.1	137.5	42.3	122.5	134.9	55.5	152.9	132.1	68.0	183.3	129.0	79.8	204.6	126.8	87.6
350	8.7	165.4	3.8	16.3	165.2	8.0	23.9	165.1	12.3	31.5	164.8	16.5	61.9	163.4	33.2	92.3	161.0	49.5	122.7	158.4	65.1	153.1	155.5	80.0	183.4	152.4	94.2	204.7	150.2	103.7
400	8.8	189.2	4.2	16.4	189.1	9.1	24.0	188.9	13.9	31.6	188.6	18.8	62.0	186.9	38.0	92.4	184.6	56.6	122.8	181.9	74.7	153.2	179.0	92.0	183.6	175.9	108.6	204.9	173.6	119.8
480	9.1	227.4	4.9	16.7	227.2	10.7	24.3	226.9	16.6	31.9	226.6	22.4	62.3	224.7	45.5	92.7	222.3	68.0	123.1	219.6	89.9	153.5	216.5	111.1	183.9	213.3	131.6	205.1	211.0	145.4

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F12-030



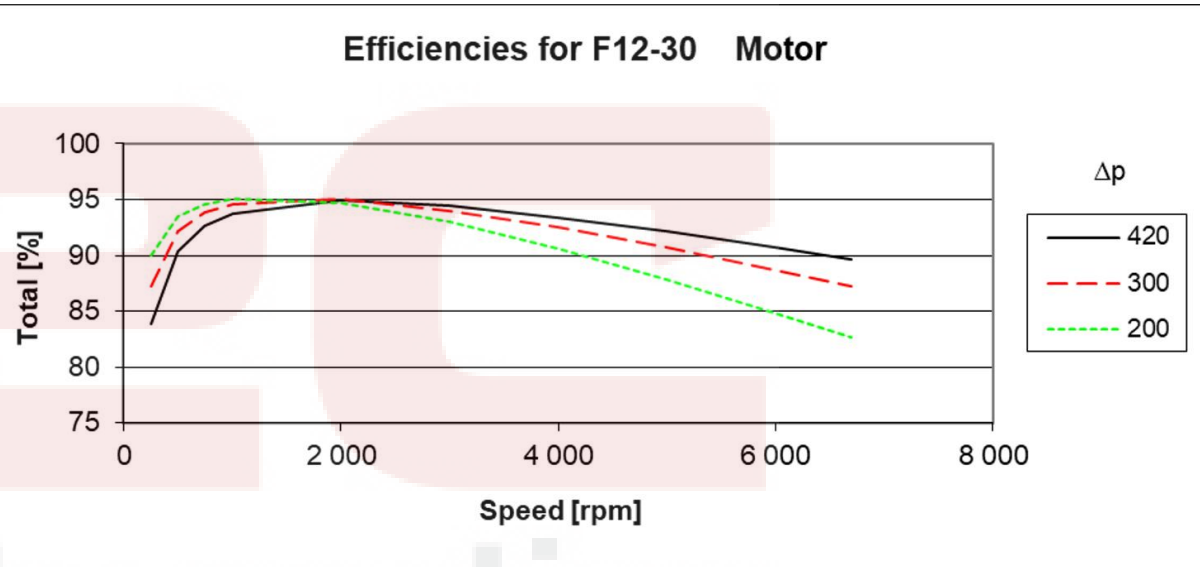
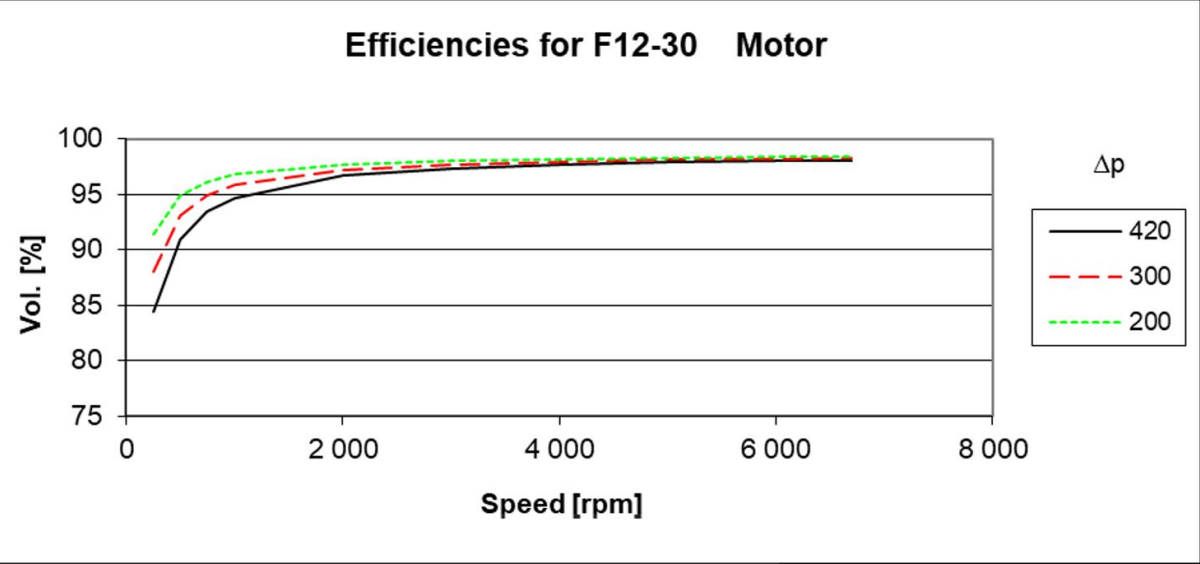
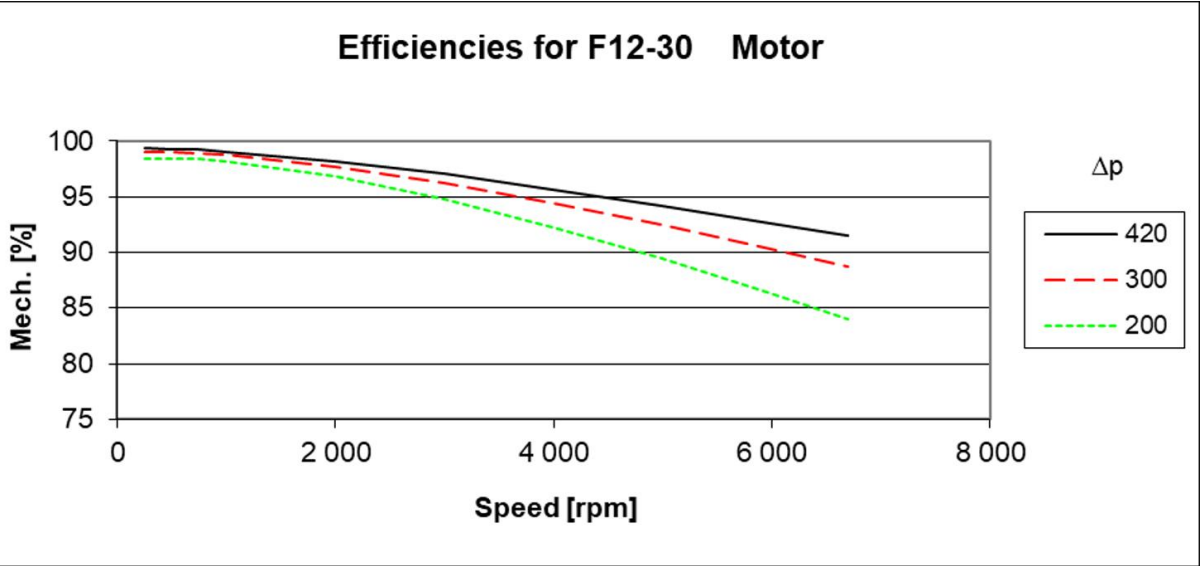
Pump & Motor Division Europe

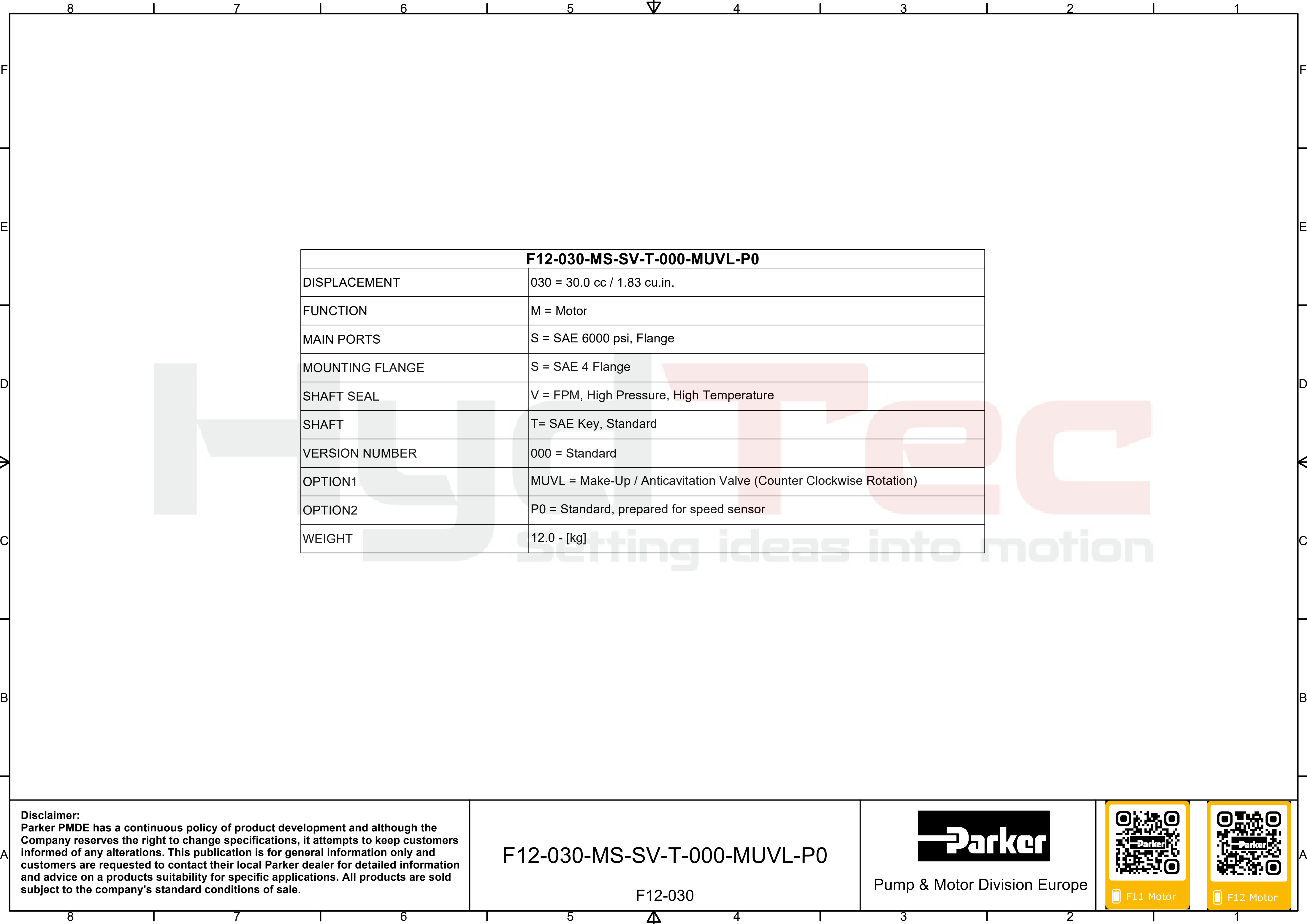


F11 Motor



F12 Motor





F12-030-MS-SV-T-000-MUVL-P0	
DISPLACEMENT	030 = 30.0 cc / 1.83 cu.in.
FUNCTION	M = Motor
MAIN PORTS	S = SAE 6000 psi, Flange
MOUNTING FLANGE	S = SAE 4 Flange
SHAFT SEAL	V = FPM, High Pressure, High Temperature
SHAFT	T= SAE Key, Standard
VERSION NUMBER	000 = Standard
OPTION1	MUVL = Make-Up / Anticavitation Valve (Counter Clockwise Rotation)
OPTION2	P0 = Standard, prepared for speed sensor
WEIGHT	12.0 - [kg]

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