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F12-182-MK-SV-S-000-0000-P0

F12-182



Pump & Motor Division Europe

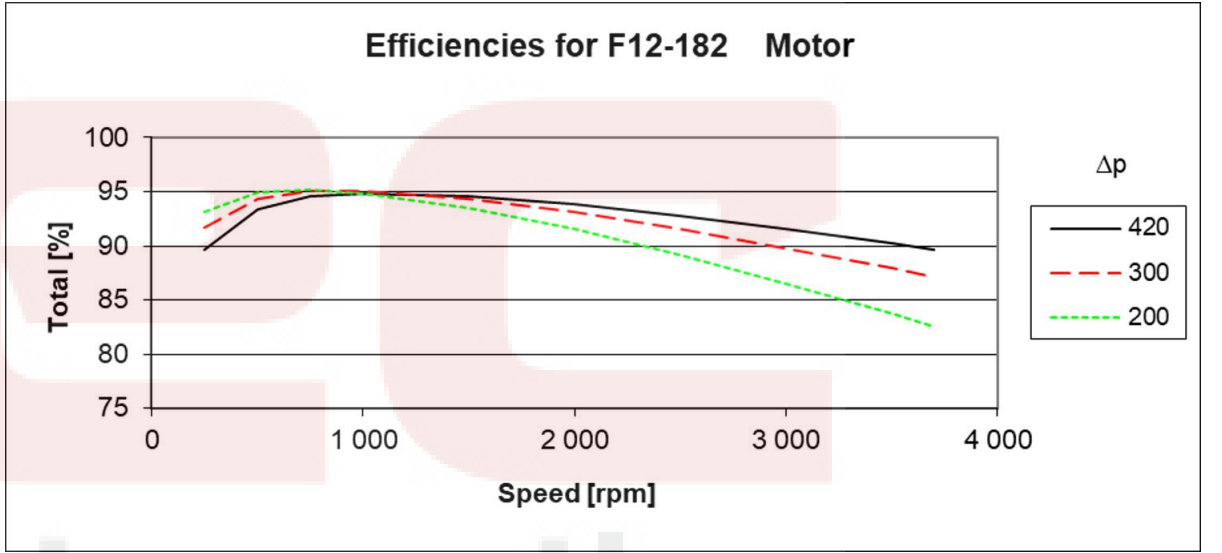
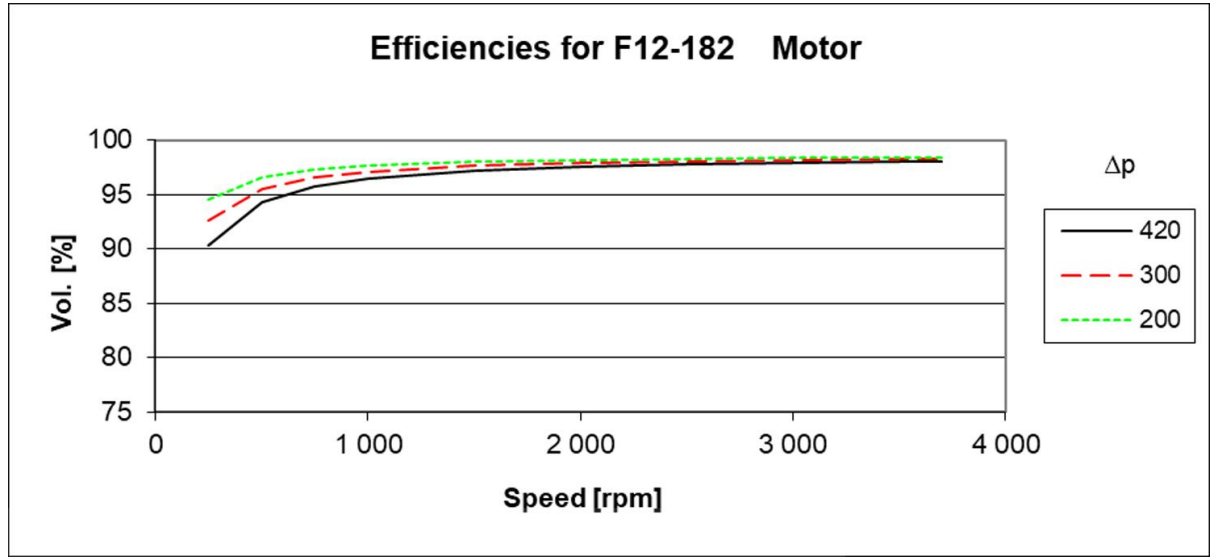
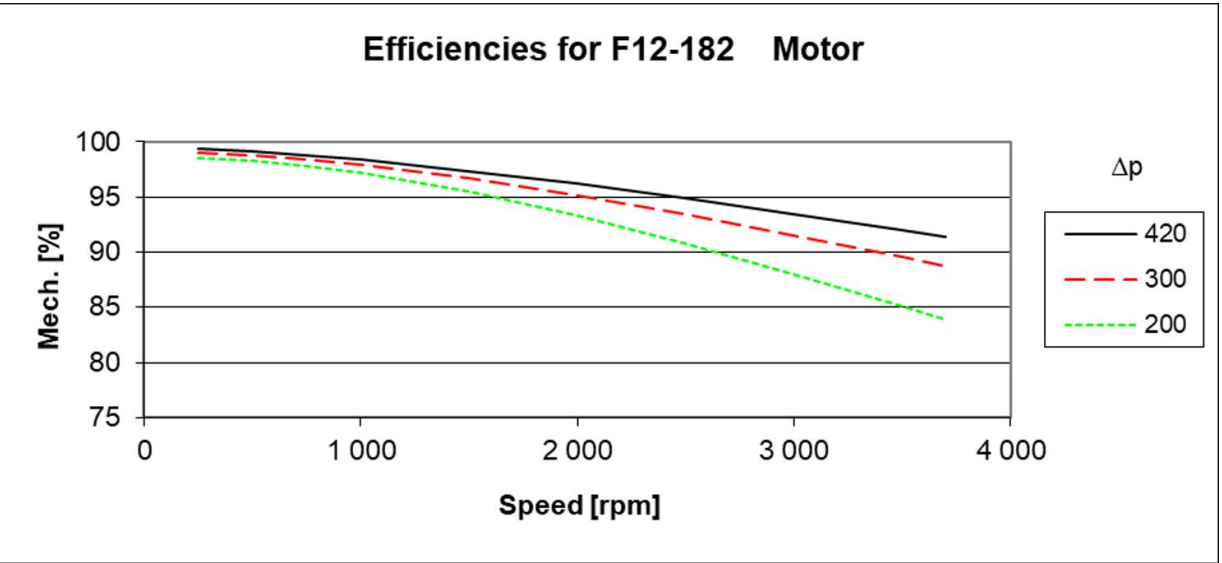


F11 Motor



F12 Motor

F12-182	Motor	
Displacement	179.8 cc/rev	
Max speed	4000 rpm	Intermittent
Max speed	3700 rpm	Continuously
Max pressure	480 bar	Intermittent
Max pressure	420 bar	Continuously
Max Torque	1361.9 Nm	
Torque	2.854 Nm/bar	
Max Flow	721.7 Lpm	
Max Power	481.3 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	48.1	133.5	3.4	96.0	133.5	6.9	144.9	131.9	10.2	196.0	129.1	13.3	308.3	120.6	18.7	441.1	109.2	22.6	604.7	95.8	24.8	814.8	81.0	25.2	1312.4	65.1	23.6	1658.5	58.5	22.4
100	46.4	276.3	7.0	92.9	275.9	14.1	139.9	274.1	21.1	188.0	271.0	27.9	288.9	262.0	40.6	398.4	250.2	51.7	519.3	236.6	61.2	654.6	221.5	68.7	860.4	205.3	74.4	961.7	198.7	76.1
150	45.9	419.2	10.5	91.9	418.4	21.3	138.3	416.2	32.0	185.2	412.8	42.4	282.9	403.4	62.4	386.0	391.3	80.8	495.9	377.3	97.4	614.3	362.0	112.2	771.8	345.6	125.1	843.5	338.9	129.6
200	45.7	562.0	13.9	91.4	560.9	28.4	137.5	558.4	42.8	184.2	554.7	56.9	280.1	544.8	84.1	380.0	532.3	109.7	485.0	518.1	133.6	596.0	502.5	155.6	734.0	485.9	175.7	794.7	479.1	183.1
250	45.5	704.8	17.3	91.1	703.4	35.5	137.1	700.5	53.5	183.5	696.7	71.2	278.4	686.2	105.7	376.5	673.4	138.6	478.7	658.8	169.7	585.5	642.9	199.0	713.0	626.2	226.2	768.1	619.3	236.6
300	45.4	847.7	20.6	90.9	845.8	42.4	136.8	842.7	64.1	183.0	838.5	85.5	277.2	827.7	127.3	374.3	814.4	167.4	474.6	799.5	205.8	578.7	783.4	242.2	699.7	766.5	276.7	751.3	759.5	289.9
350	45.3	990.5	23.8	90.8	988.3	49.3	136.5	984.9	74.6	182.7	980.4	99.7	276.4	969.1	148.7	372.6	955.5	196.1	471.7	940.3	241.7	573.9	923.9	285.4	690.5	906.7	327.1	739.7	899.7	343.2
400	45.3	1133.4	27.0	90.7	1130.8	56.1	136.4	1127.0	85.1	182.4	1122.3	113.8	275.9	1110.5	170.1	371.4	1096.5	224.8	469.5	1081.0	277.6	570.4	1064.4	328.5	683.8	1047.0	377.4	731.3	1039.9	396.3
480	45.2	1361.9	31.9	90.6	1358.8	66.8	136.2	1354.5	101.6	182.1	1349.3	136.2	275.2	1336.8	204.1	370.1	1322.2	270.4	467.1	1306.2	334.8	566.4	1289.2	397.3	676.1	1271.5	457.7	721.7	1264.2	481.3

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F11 Motor



F12 Motor



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DISPLACEMENT	182 = 179.8 cc / 11.10 cu.in.
FUNCTION	M = Motor
MAIN PORTS	K = SAE 6000 psi, Rear
MOUNTING FLANGE	S = SAE 4 Flange
SHAFT SEAL	V = FPM, High Pressure, High Temperature
SHAFT	S = SAE Spline, Standard
VERSION NUMBER	000 = Standard
OPTION1	0000 = Standard
OPTION2	P0 = Standard, prepared for speed sensor
WEIGHT	40.0 - [kg]

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