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F12-152-MK-SV-F-000-0000-P0

F12-152



Pump & Motor Division Europe

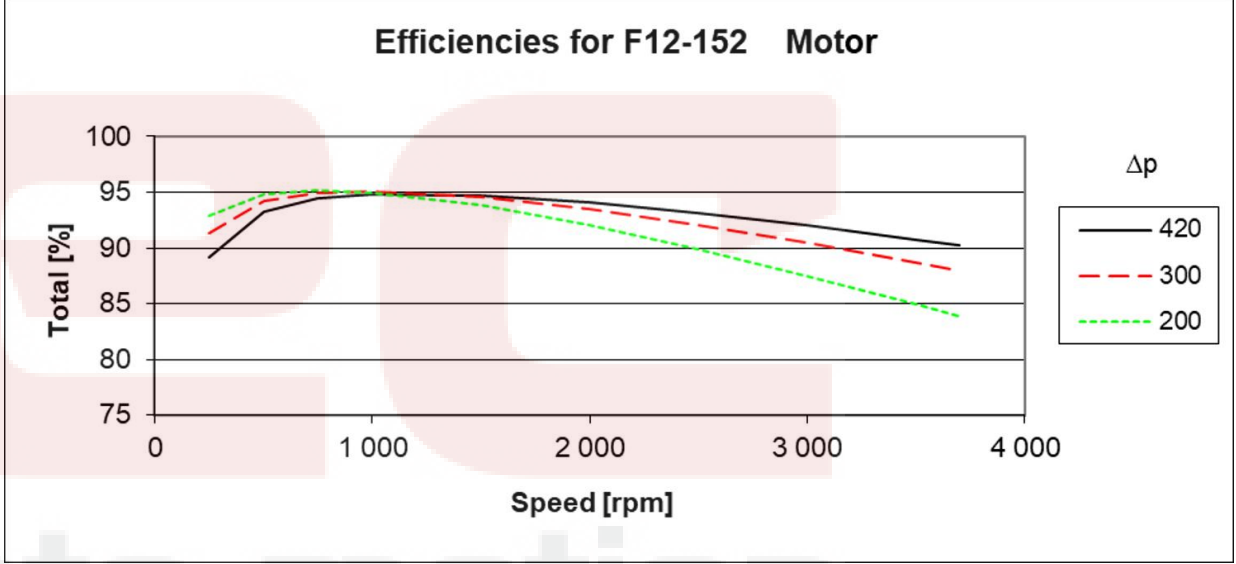
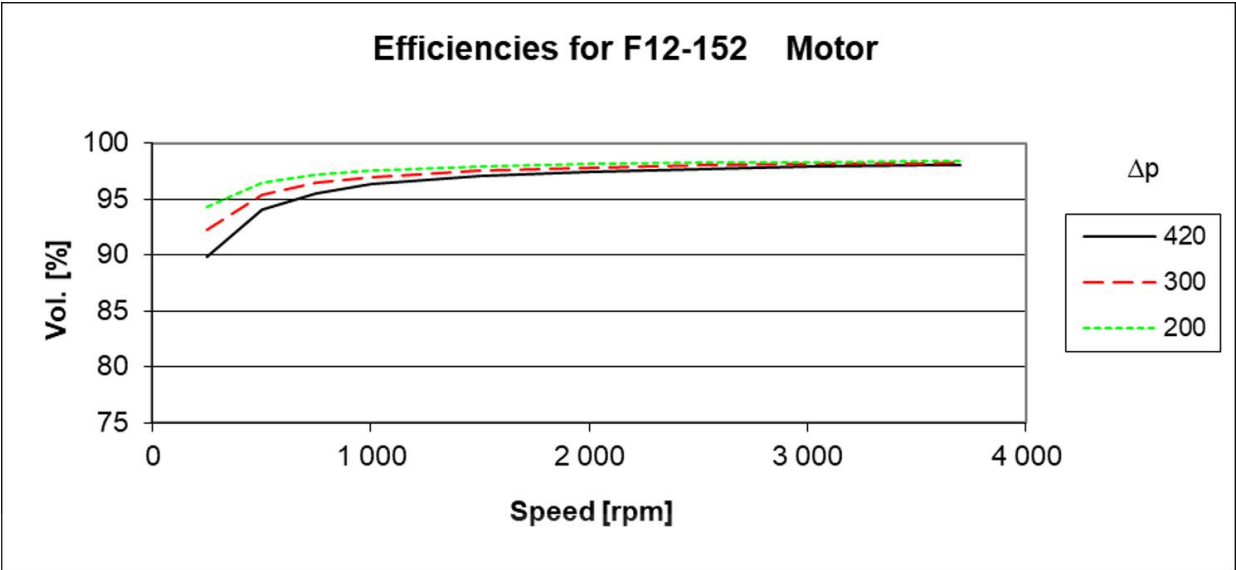
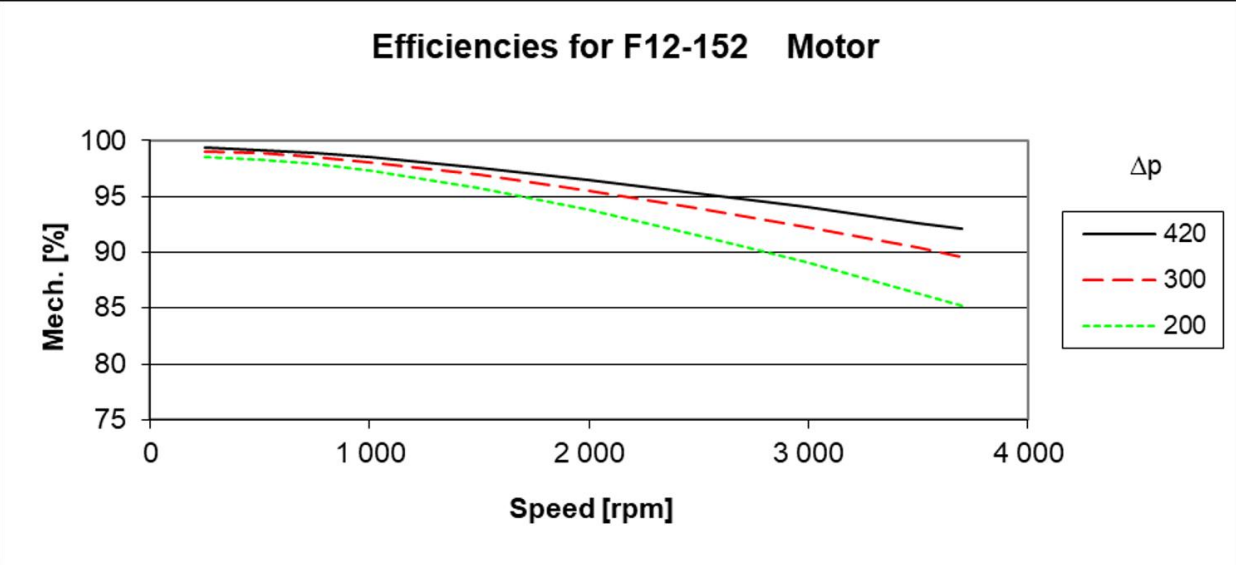


F11 Motor



F12 Motor

F12-152	Motor	
Displacement	149.8 cc/rev	
Max speed	4000 rpm	Intermittent
Max speed	3700 rpm	Continuously
Max pressure	480 bar	Intermittent
Max pressure	420 bar	Continuously
Max Torque	1134.8 Nm	
Torque	2.378 Nm/bar	
Max Flow	601.2 Lpm	
Max Power	403.3 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	40.1	111.2	2.8	80.0	111.3	5.7	120.8	110.2	8.5	163.3	108.2	11.2	256.9	101.9	15.8	367.5	93.4	19.3	503.8	83.3	21.5	678.9	72.0	22.4	1093.4	59.8	21.7	1381.8	54.7	21.0
100	38.7	230.2	5.8	77.4	230.0	11.8	116.6	228.7	17.6	156.6	226.4	23.3	240.7	219.8	34.0	331.9	211.0	43.6	432.7	200.6	51.9	545.3	189.1	58.7	716.8	176.7	64.0	801.2	171.6	65.7
150	38.3	349.2	8.7	76.6	348.7	17.8	115.2	347.2	26.7	154.5	344.7	35.4	235.7	337.7	52.2	321.6	328.5	67.8	413.2	317.9	82.1	511.8	306.2	94.9	643.0	293.7	106.3	702.8	288.5	110.3
200	38.0	468.2	11.6	76.2	467.5	23.7	114.6	465.7	35.6	153.5	463.0	47.4	233.3	455.6	70.3	316.6	446.1	91.9	404.1	435.3	112.2	496.5	423.3	131.1	611.5	410.6	148.4	662.1	405.3	154.9
250	37.9	587.3	14.4	75.9	586.2	29.5	114.2	584.1	44.5	152.9	581.2	59.4	231.9	573.4	88.3	313.7	563.7	116.0	398.8	552.6	142.3	487.8	540.4	167.2	594.1	527.5	190.6	639.9	522.2	199.5
300	37.8	706.3	17.1	75.8	705.0	35.3	113.9	702.6	53.4	152.5	699.5	71.2	231.0	691.3	106.2	311.8	681.3	140.0	395.4	669.9	172.3	482.1	657.6	203.2	583.0	644.5	232.6	625.9	639.1	243.9
350	37.8	825.3	19.8	75.6	823.7	41.0	113.8	821.1	62.1	152.2	817.7	83.0	230.3	809.2	124.1	310.5	798.9	163.9	393.0	787.3	202.3	478.2	774.7	239.2	575.3	761.4	274.6	616.3	756.0	288.3
400	37.7	944.4	22.4	75.6	942.4	46.6	113.6	939.6	70.8	152.0	936.0	94.8	229.8	927.1	141.9	309.5	916.5	187.7	391.2	904.6	232.2	475.2	891.8	275.1	569.7	878.4	316.5	609.2	872.9	332.6
480	37.7	1134.8	26.4	75.5	1132.4	55.5	113.5	1129.2	84.6	151.7	1125.2	113.4	229.2	1115.7	170.2	308.3	1104.6	225.7	389.1	1092.3	279.8	471.9	1079.2	332.4	563.3	1065.5	383.3	601.2	1059.9	403.3

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F11 Motor



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F12-152-MK-SV-F-000-0000-P0	
DISPLACEMENT	152 = 149.8 cc / 9.14 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	F = SAE Spline, Optional
VERSION NUMBER	000 = Standard
OPTION1	0000 = Standard
OPTION2	P0 = Standard, prepared for speed sensor
WEIGHT	40.0 - [kg]

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