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F12-030-MF-IV-K-000-MUVR-PT

F12-030



Pump & Motor Division Europe

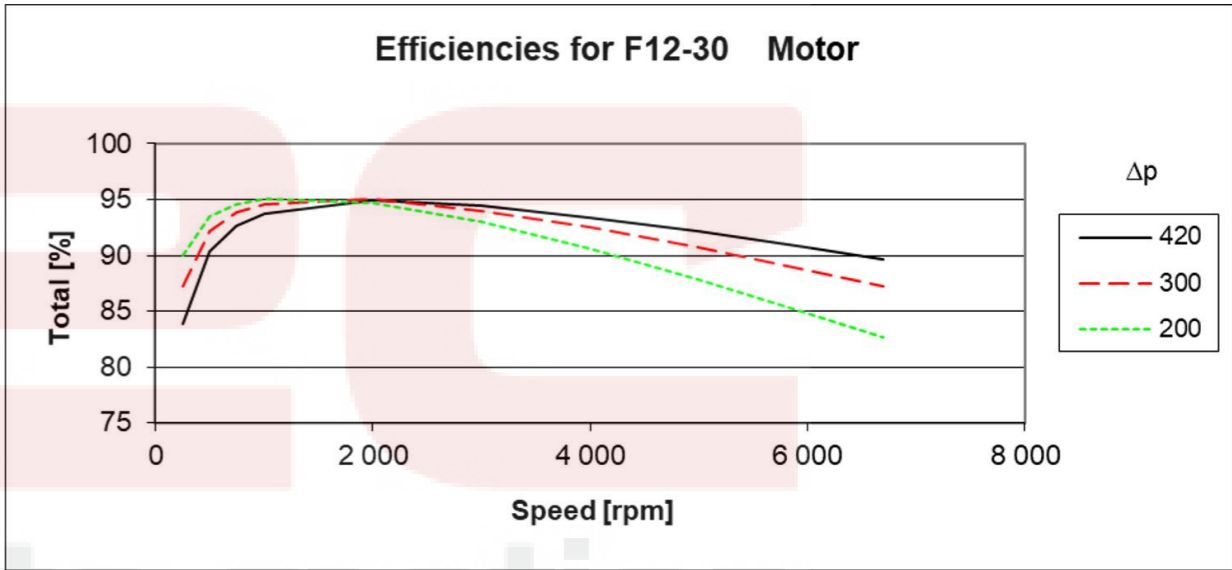
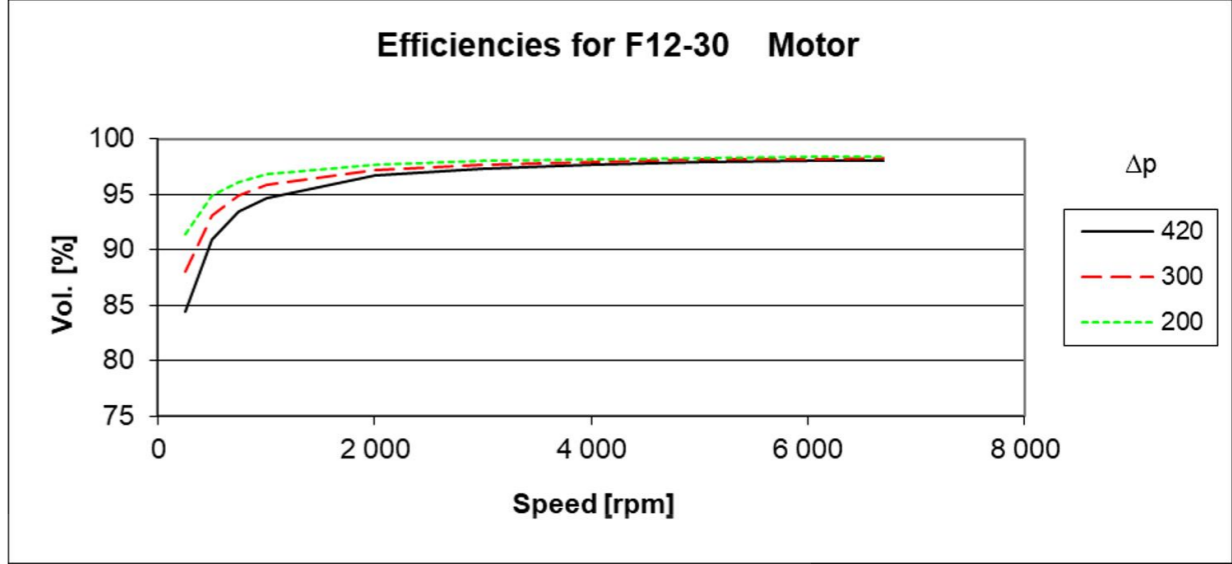
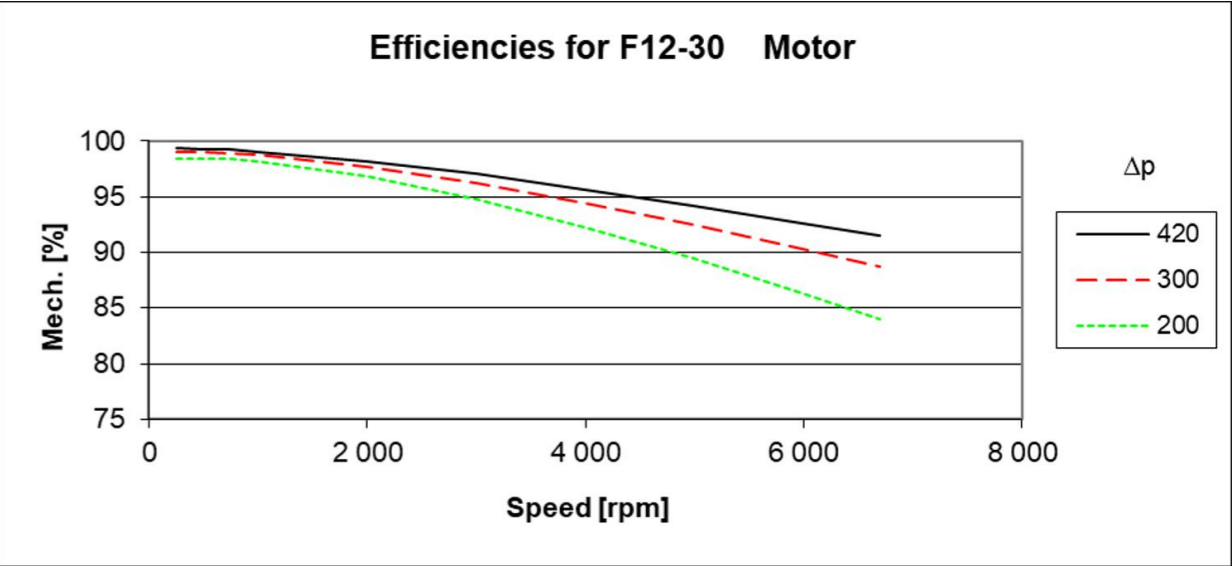


F11 Motor



F12 Motor

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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