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F11-019-SB-CS-K-000-MUVL-B0

F11-019



Pump & Motor Division Europe



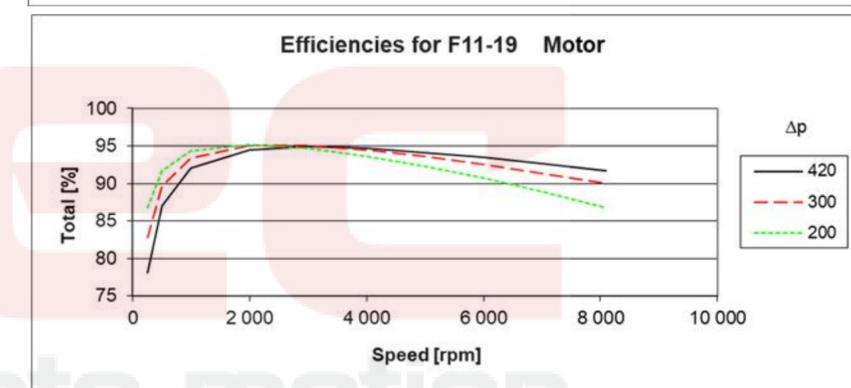
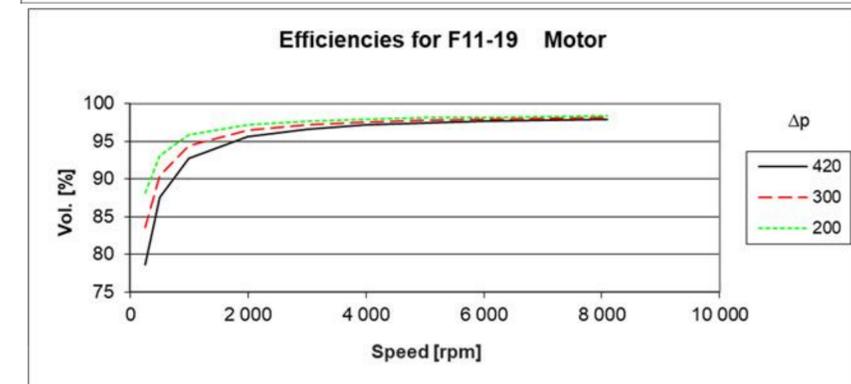
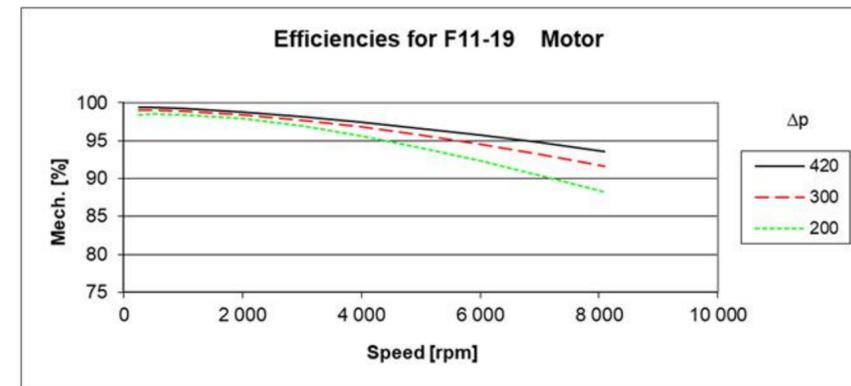
F11 Motor



F12 Motor

F11-19	Motor	
Displacement	19 cc/rev	
Max speed	8900 rpm	Intermittent
Max speed	8100 rpm	Continuously
Max pressure	420 bar	Intermittent
Max pressure	350 bar	Continuously
Max Torque	125.9 Nm	
Torque	0.302 Nm/bar	
Max Flow	157.2 Lpm	
Max Power	98.7 kW	

Rpm	250			500			1000			2000			3000			4000			5000			6000			7000			8100		
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	5.0	14.0	0.4	9.8	14.1	0.7	19.4	14.1	1.5	38.6	14.0	2.9	57.9	13.5	4.2	77.1	12.8	5.3	96.4	12.0	6.2	115.6	11.0	6.8	134.9	10.0	7.2	156.1	8.7	7.3
100	5.1	29.1	0.7	9.9	29.2	1.5	19.5	29.2	3.0	38.8	29.0	6.0	58.0	28.5	8.8	77.3	27.8	11.5	96.5	26.9	13.9	115.8	25.9	16.1	135.0	24.8	18.0	156.2	23.5	19.7
150	5.2	44.2	1.1	10.1	44.3	2.2	19.7	44.3	4.5	38.9	44.0	9.0	58.2	43.5	13.4	77.4	42.7	17.6	96.7	41.8	21.6	115.9	40.8	25.3	135.2	39.7	28.7	156.4	38.4	32.1
200	5.4	59.4	1.4	10.2	59.4	2.9	19.8	59.4	6.0	39.1	59.0	12.1	58.3	58.4	18.0	77.6	57.7	23.7	96.8	56.7	29.2	116.1	55.7	34.5	135.3	54.6	39.4	156.5	53.2	44.5
250	5.5	74.5	1.7	10.4	74.5	3.6	20.0	74.4	7.4	39.2	74.1	15.1	58.5	73.4	22.5	77.7	72.6	29.8	97.0	71.7	36.9	116.2	70.6	43.6	135.5	69.4	50.1	156.7	68.1	56.9
300	5.7	89.6	2.0	10.5	89.6	4.3	20.1	89.5	8.9	39.4	89.1	18.1	58.6	88.4	27.1	77.9	87.6	35.9	97.1	86.6	44.5	116.4	85.5	52.8	135.6	84.3	60.8	156.8	82.9	69.2
350	5.8	104.7	2.2	10.6	104.7	4.9	20.3	104.6	10.3	39.5	104.1	21.0	58.8	103.4	31.6	78.0	102.5	41.9	97.3	101.5	52.0	116.5	100.4	61.9	135.8	99.2	71.4	157.0	97.8	81.5
420	6.0	125.9	2.6	10.9	125.9	5.8	20.5	125.7	12.2	39.7	125.1	25.1	59.0	124.4	37.9	78.2	123.4	50.4	97.5	122.4	62.6	116.7	121.2	74.6	136.0	120.0	86.3	157.2	118.6	98.7



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F11 Motor



F12 Motor

F11-019-SB-CS-K-000-MUVL-B0	
DISPLACEMENT	019 = 19.0 cc / 1.16 cu.in.
FUNCTION	S = Motor, High Speed
MAIN PORTS	B = BSP Threads
MOUNTING FLANGE	C = CETOP Flange
SHAFT SEAL	S = PTFE, High Speed
SHAFT	K = Metric Key, Standard
VERSION NUMBER	000 = Standard
OPTION1	MUVL = Make-Up / Anticavitation Valve (Counter Clockwise Rotation)
OPTION2	B0 = Power boost and prepared for speed sensor
WEIGHT	11.0 - [kg]

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