

**Disclaimer:**  
Parker PMDE has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact their local Parker dealer for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's standard conditions of sale.

F12-090-LF-IV-K-000-0000-PT

F12-090



Pump & Motor Division Europe

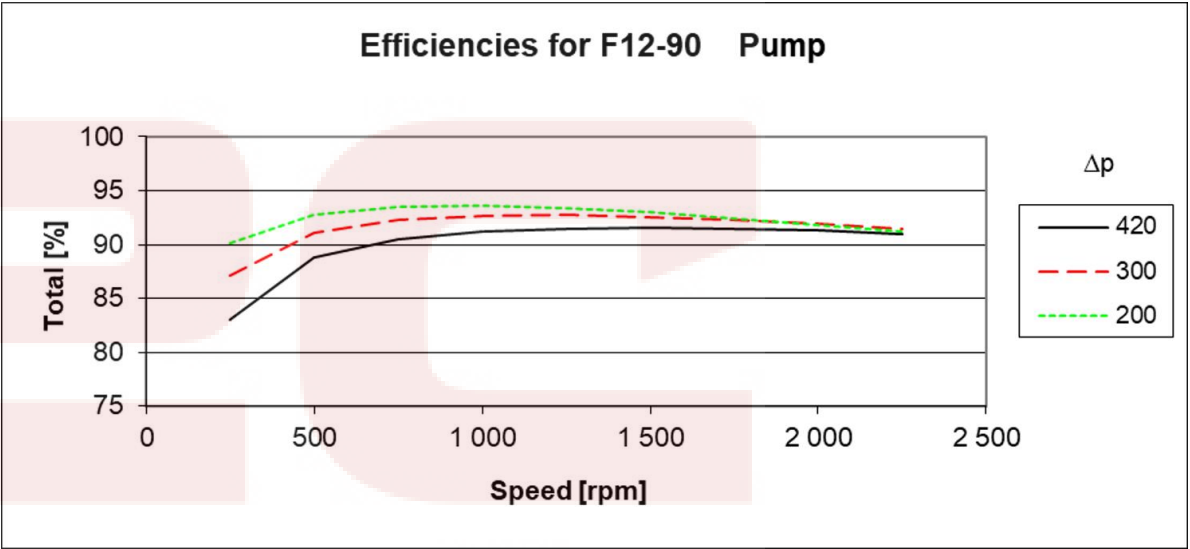
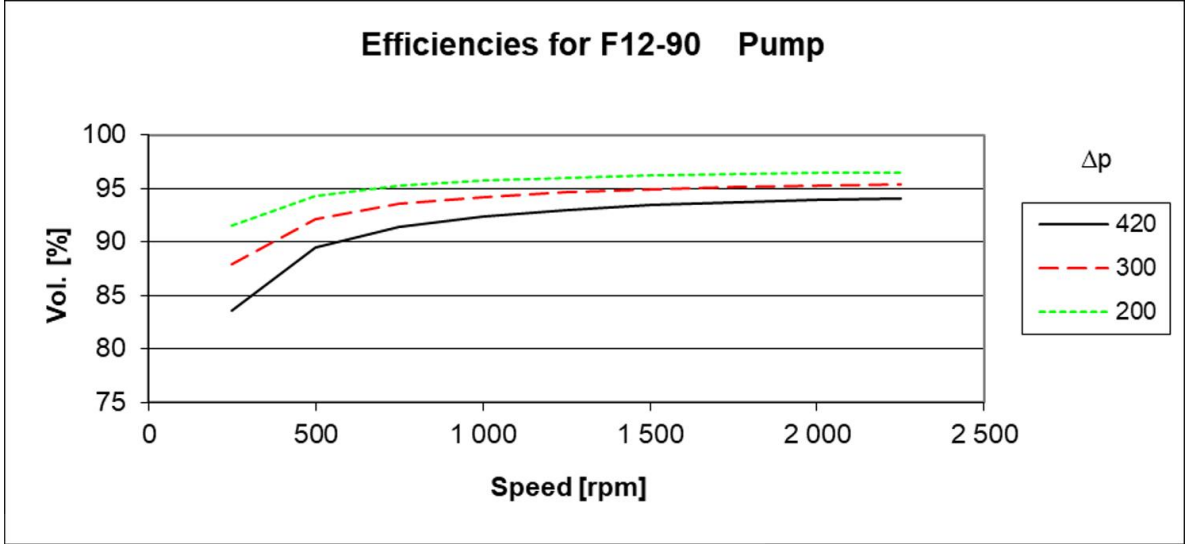
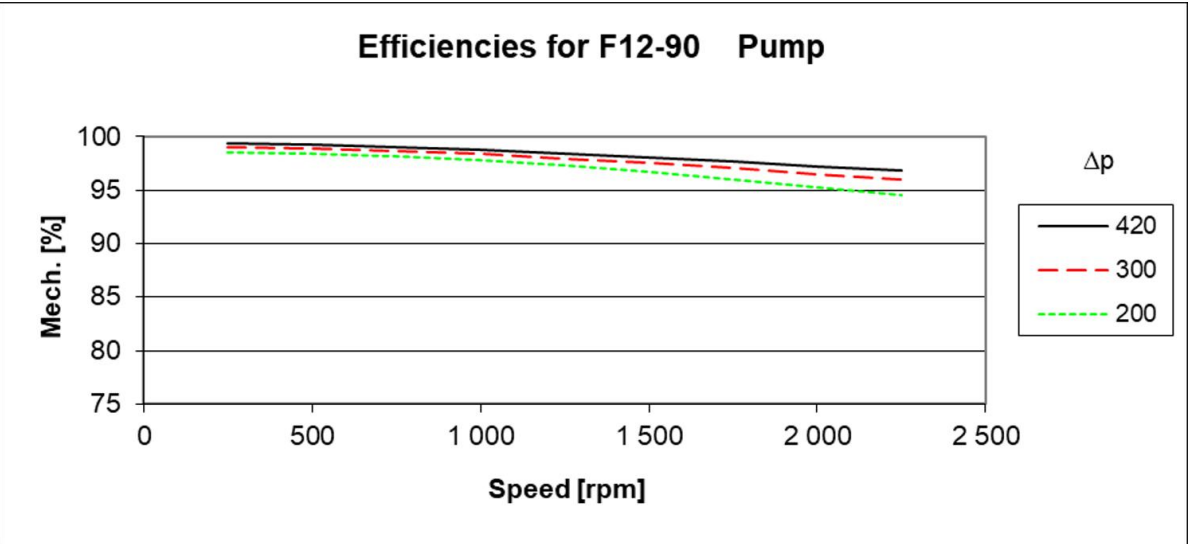


F11 Pump



F12 Pump

F12-90	Pump	
Displacement	93 cc/rev	
Max speed	2250 rpm	Intermittent
Max speed	2250 rpm	Continuously
Max pressure	420 bar	Intermittent
Max pressure	350 bar	Continuously
Max Torque	640.7 Nm	
Torque	1.476 Nm/bar	
Max Flow	205.3 Lpm	
Max Power	160.9 kW	



Rpm	250			500			750			1000			1250			1500			1750			2000			2250		
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
50	22.5	78.7	2.1	45.4	78.5	4.2	68.2	78.8	6.3	91.1	79.7	8.5	113.9	80.9	10.8	136.8	82.4	13.2	159.6	84.3	15.8	182.5	205.3	18.5	205.3	88.7	21.4
100	22.1	152.4	4.2	44.9	152.3	8.3	67.6	152.8	12.4	90.4	153.8	16.6	113.2	155.1	20.9	135.9	156.8	25.3	158.7	158.7	29.9	181.4	204.2	34.6	204.2	163.3	39.5
150	21.7	226.1	6.4	44.4	226.2	12.4	67.0	226.8	18.6	89.7	227.9	24.8	112.4	229.4	31.1	135.0	231.1	37.6	157.7	233.2	44.2	180.4	203.1	51.0	203.1	237.9	57.9
200	21.3	299.8	8.6	43.9	300.0	16.7	66.4	300.8	24.9	89.0	302.0	33.1	111.6	303.6	41.5	134.2	305.5	50.0	156.7	307.6	58.7	179.3	201.9	67.5	201.9	312.5	76.5
250	20.9	373.5	10.9	43.4	373.9	21.1	65.8	374.8	31.3	88.3	376.1	41.6	110.8	377.8	52.0	133.3	379.8	62.6	155.8	382.0	73.3	178.3	200.8	84.2	200.8	387.1	95.3
300	20.4	447.2	13.3	42.8	447.7	25.5	65.2	448.8	37.8	87.6	450.3	50.2	110.0	452.1	62.7	132.4	454.1	75.4	154.8	456.5	88.2	177.2	199.6	101.2	199.6	461.7	114.4
350	20.0	520.9	15.9	42.3	521.6	30.1	64.6	522.8	44.4	86.9	524.4	58.9	109.2	526.3	73.5	131.5	528.5	88.3	153.8	530.9	103.2	176.1	198.4	118.3	198.4	536.3	133.6
400	19.6	594.6	18.5	41.8	595.5	34.8	64.0	596.8	51.2	86.2	598.5	67.8	108.4	600.5	84.5	130.7	602.8	101.4	152.9	605.3	118.4	175.1	197.3	135.6	197.3	610.9	153.1
420	19.4	624.0	19.6	41.6	625.0	36.7	63.8	626.4	53.9	86.0	628.1	71.4	108.1	630.2	88.9	130.3	632.5	106.7	152.5	635.1	124.6	174.6	196.8	142.6	196.8	640.7	160.9

**Disclaimer:**  
Parker PMDE has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact their local Parker dealer for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's standard conditions of sale.

F12-090-LF-IV-K-000-0000-PT

F12-090



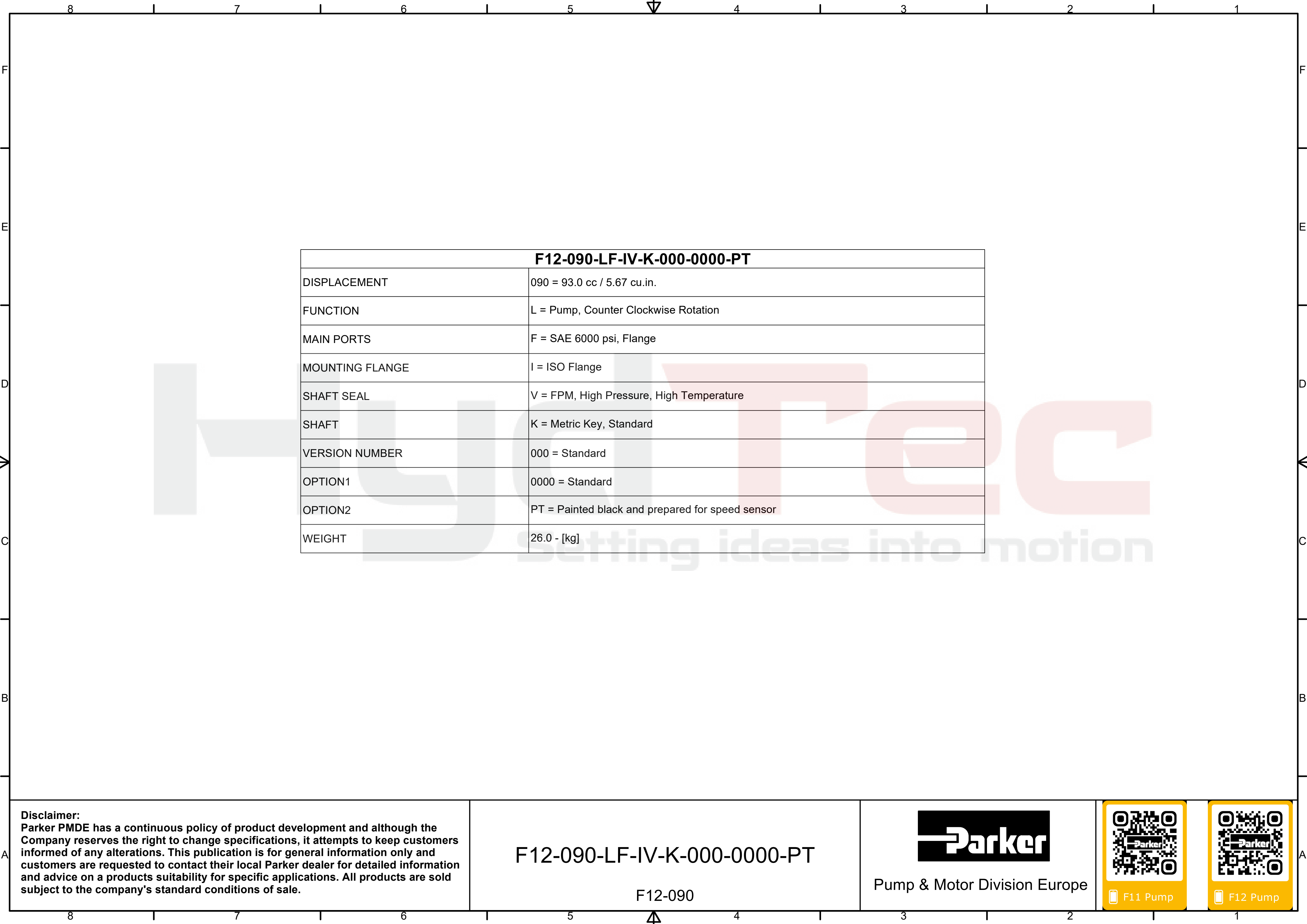
Pump & Motor Division Europe



F11 Pump



F12 Pump



F12-090-LF-IV-K-000-0000-PT	
DISPLACEMENT	090 = 93.0 cc / 5.67 cu.in.
FUNCTION	L = Pump, Counter Clockwise Rotation
MAIN PORTS	F = SAE 6000 psi, Flange
MOUNTING FLANGE	I = ISO Flange
SHAFT SEAL	V = FPM, High Pressure, High Temperature
SHAFT	K = Metric Key, Standard
VERSION NUMBER	000 = Standard
OPTION1	0000 = Standard
OPTION2	PT = Painted black and prepared for speed sensor
WEIGHT	26.0 - [kg]

**Disclaimer:**  
Parker PMDE has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact their local Parker dealer for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's standard conditions of sale.

F12-090-LF-IV-K-000-0000-PT

F12-090



Pump & Motor Division Europe



F11 Pump



F12 Pump