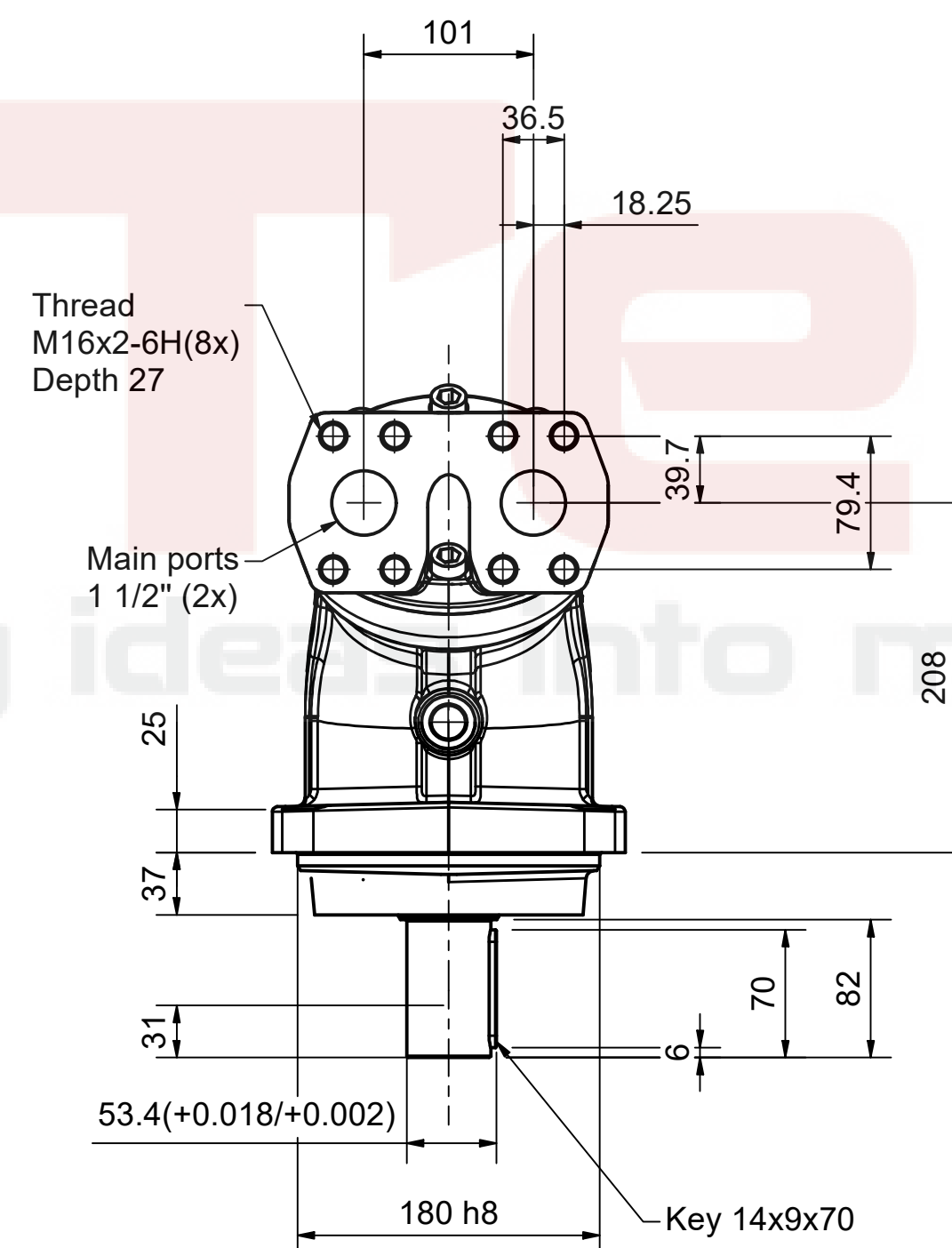


Hydraulic pump 2021



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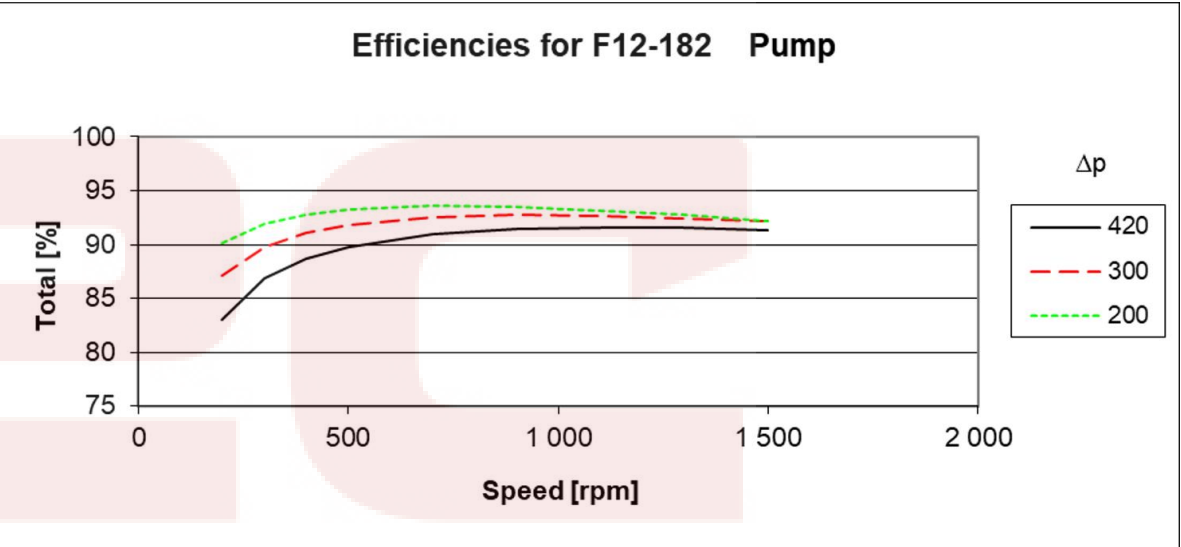
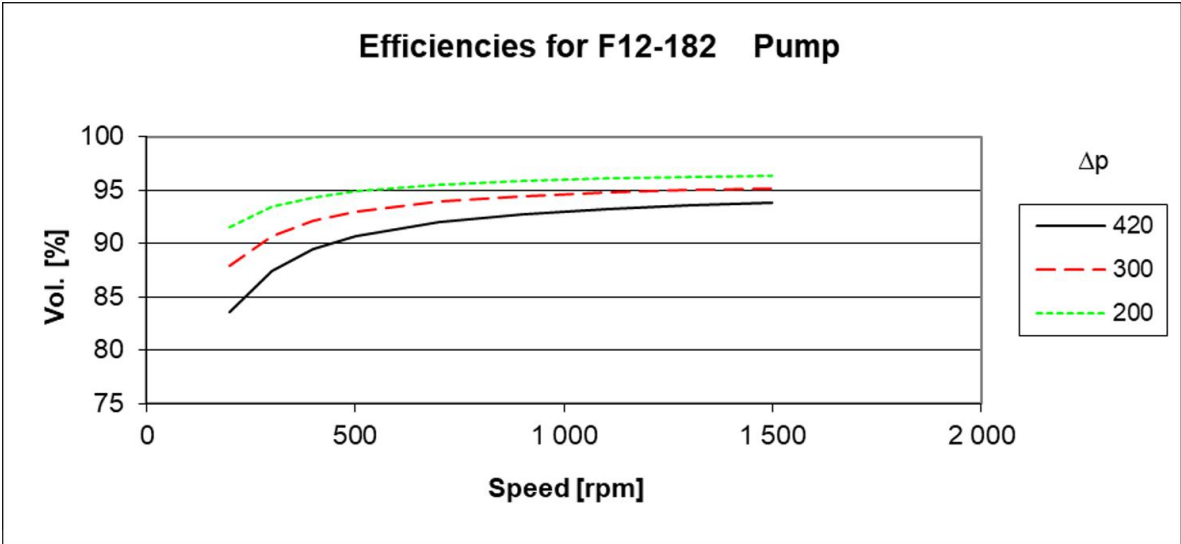
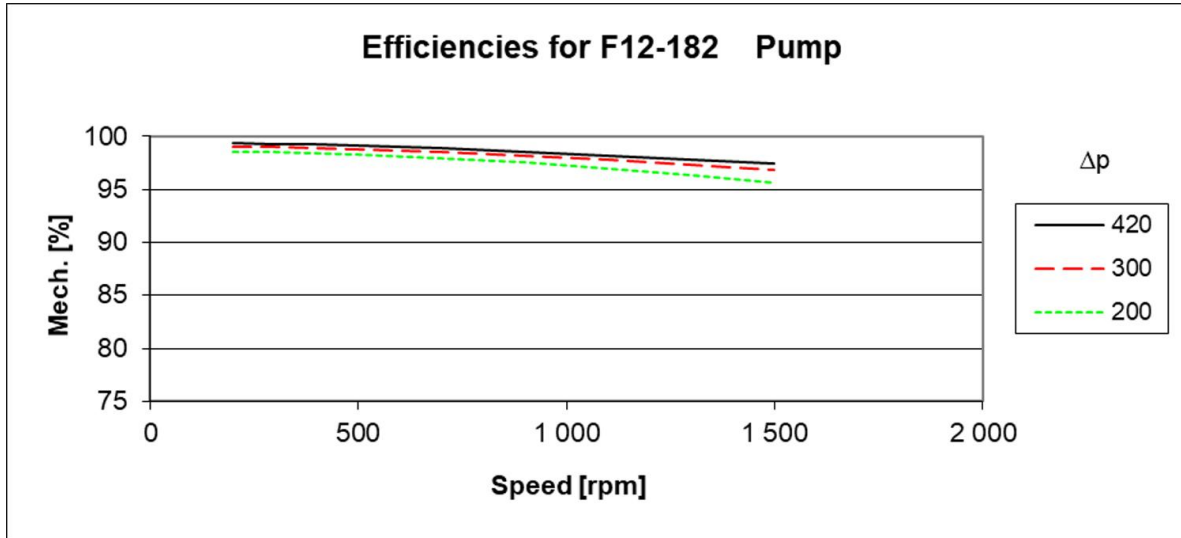


F11 Pump



F12 Pump

F12-182	Pump	
Displacement	179.8 cc/rev	
Max speed	1500 rpm	Intermittent
Max speed	1500 rpm	Continuously
Max pressure	480 bar	Intermittent
Max pressure	420 bar	Continuously
Max Torque	1403.0 Nm	
Torque	2.854 Nm/bar	
Max Flow	264.6 Lpm	
Max Power	237.4 kW	



Rpm	200			300			400			500			700			900			1100			1300			1500		
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	34.8	152.1	3.3	52.5	151.8	4.9	70.2	151.7	6.5	87.9	151.9	8.2	123.2	153.1	11.5	158.6	155.1	15.0	193.9	157.7	18.6	229.2	161.0	22.4	264.6	164.8	26.5
100	34.2	294.6	6.5	51.8	294.4	9.7	69.4	294.5	12.8	87.0	294.9	16.0	122.2	296.3	22.4	157.4	298.5	29.0	192.6	301.4	35.7	227.8	304.8	42.7	263.0	308.8	49.9
150	33.6	437.1	9.8	51.1	437.0	14.5	68.6	437.3	19.2	86.2	437.8	24.0	121.2	439.4	33.5	156.3	441.9	43.2	191.3	445.0	53.1	226.4	448.6	63.2	261.5	452.8	73.6
200	32.9	579.6	13.3	50.4	579.7	19.6	67.8	580.1	25.8	85.3	580.7	32.1	120.2	582.6	44.8	155.1	585.3	57.7	190.1	588.6	70.7	225.0	592.4	84.0	259.9	596.8	97.5
250	32.3	722.0	16.9	49.7	722.3	24.7	67.0	722.8	32.6	84.4	723.6	40.4	119.2	725.8	56.3	154.0	728.7	72.4	188.8	732.2	88.6	223.5	736.3	105.1	258.3	740.8	121.8
300	31.6	864.5	20.7	48.9	864.9	30.0	66.3	865.6	39.5	83.6	866.5	48.9	118.2	869.0	68.0	152.8	872.1	87.3	187.5	875.8	106.7	222.1	880.1	126.4	256.7	884.7	146.4
350	31.0	1007.0	24.6	48.2	1007.6	35.5	65.5	1008.4	46.5	82.7	1009.5	57.6	117.2	1012.1	79.9	151.7	1015.5	102.4	186.2	1019.4	125.1	220.7	1023.9	148.0	255.2	1028.7	171.2
400	30.3	1149.5	28.6	47.5	1150.2	41.2	64.7	1151.2	53.8	81.8	1152.4	66.5	116.2	1155.3	92.0	150.5	1158.9	117.7	184.9	1163.1	143.7	219.2	1167.7	169.9	253.6	1172.7	196.4
480	29.2	1377.4	35.6	46.3	1378.4	50.6	63.4	1379.6	65.8	80.4	1381.1	81.0	114.6	1384.4	111.8	148.7	1388.4	142.8	182.8	1392.8	174.0	216.9	1397.8	205.6	251.1	1403.0	237.4

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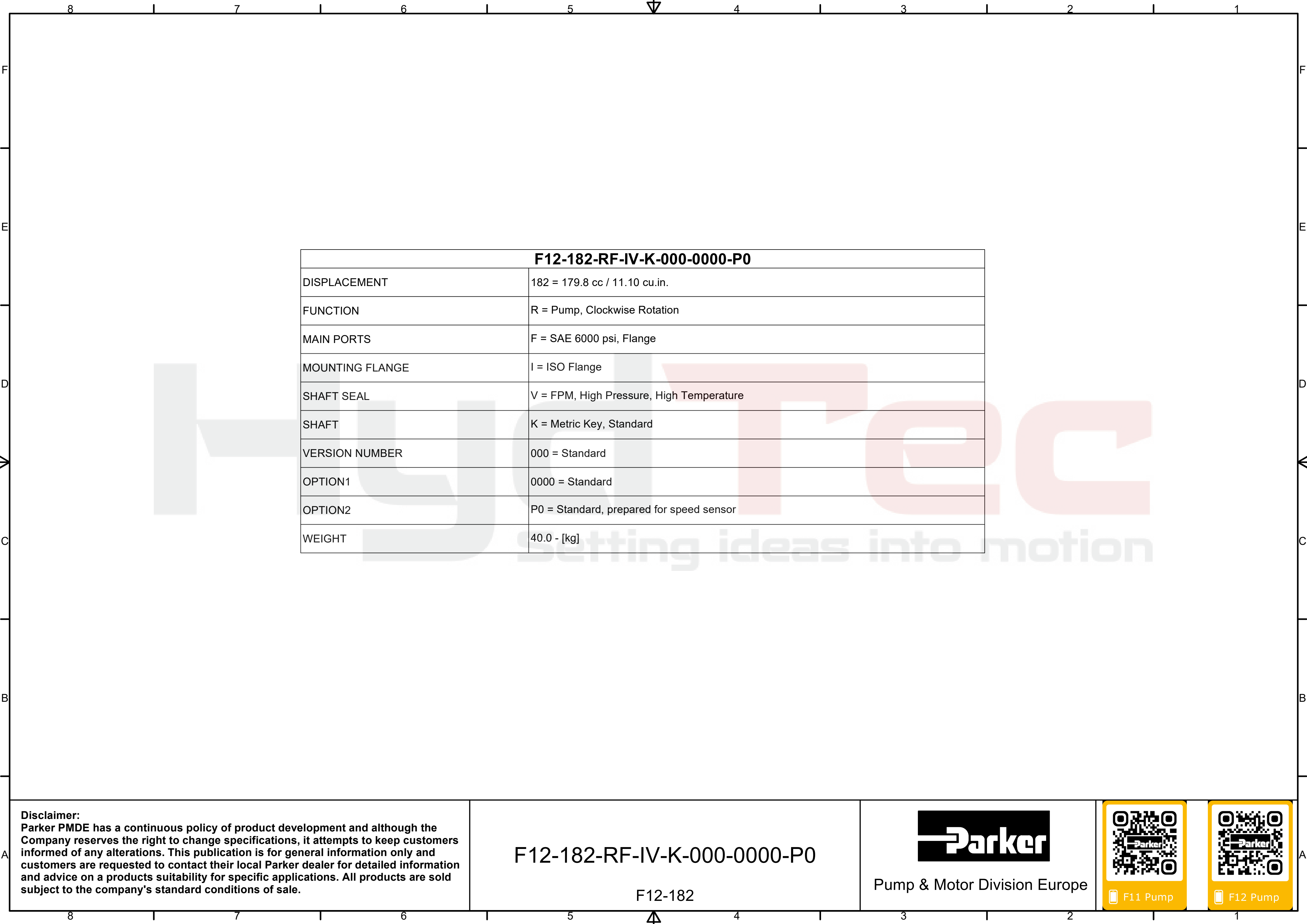
Pump & Motor Division Europe



F11 Pump



F12 Pump



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F11 Pump



F12 Pump