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F11-012-RB-IV-D-000-0000-00

F11-012



Pump & Motor Division Europe

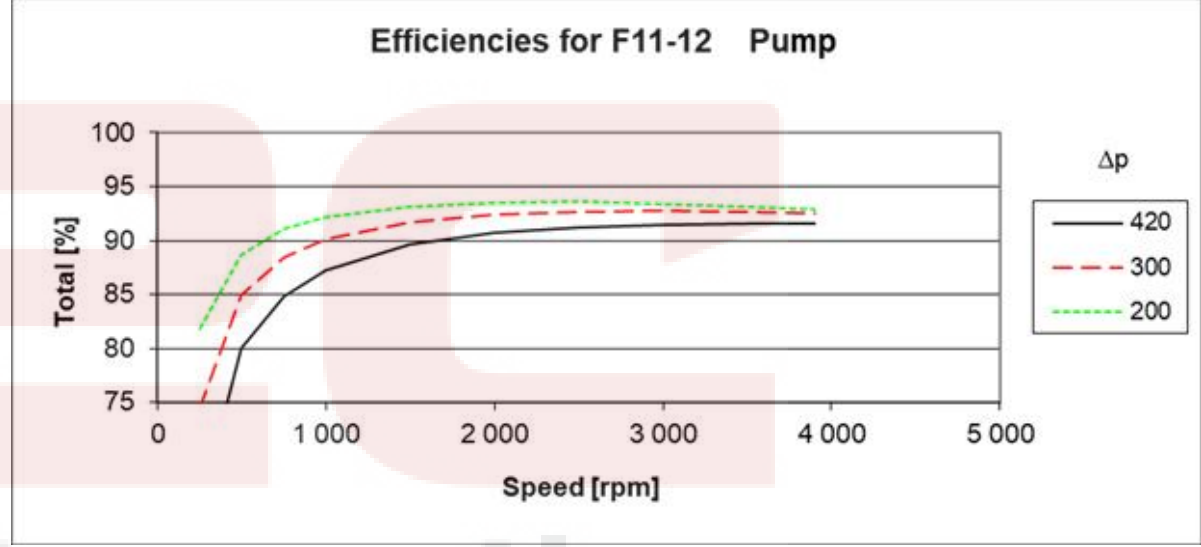
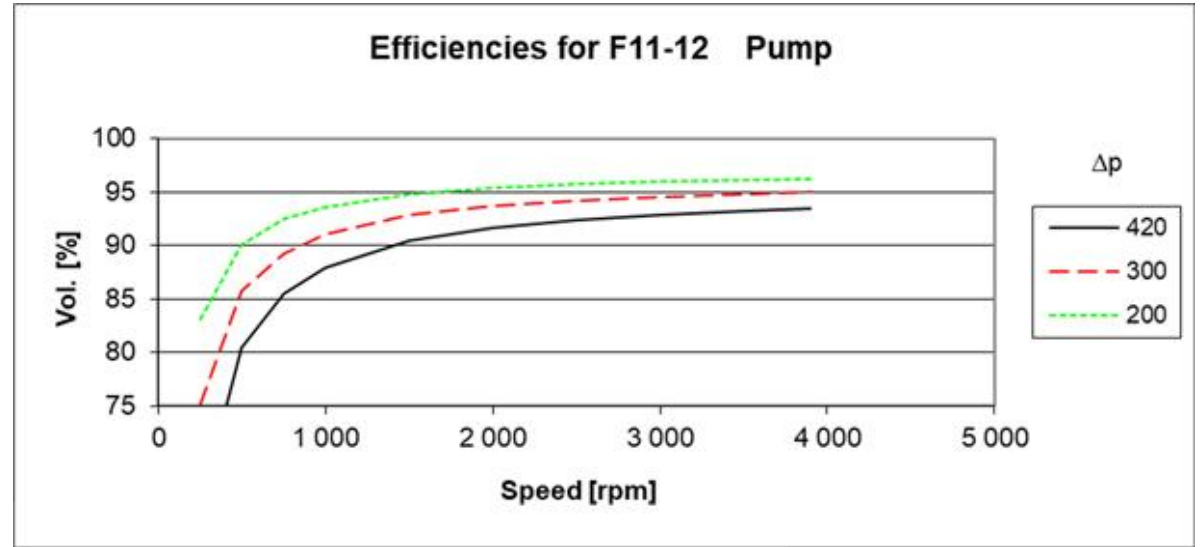
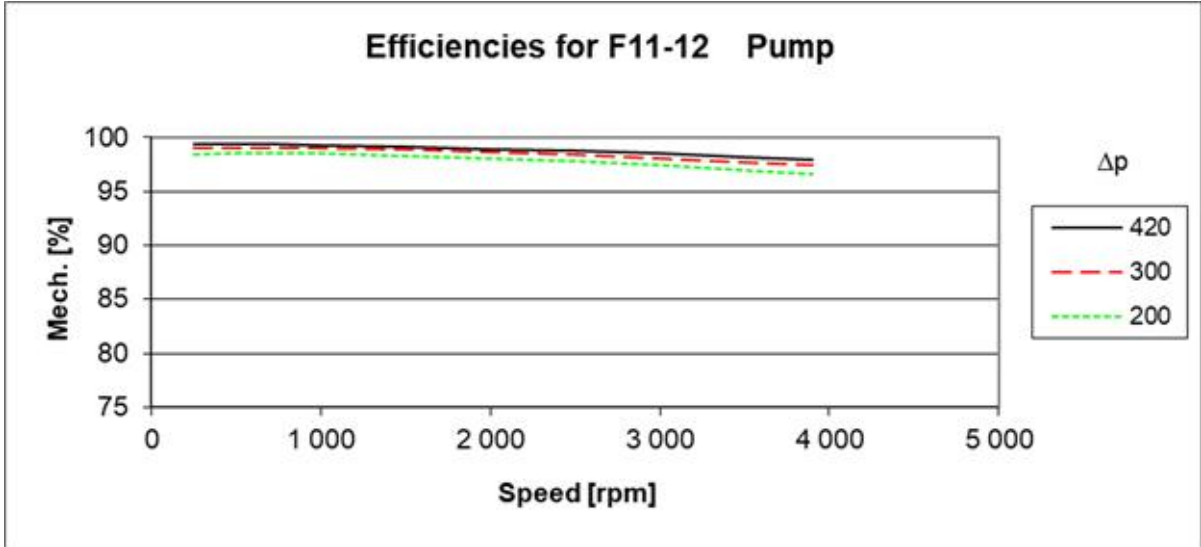


F11 Pump



F12 Pump

| | | |
|--------------|--------------|--------------|
| F11-12 | Pump | |
| Displacement | 12.5 cc/rev | |
| Max speed | 3900 rpm | Intermittent |
| Max speed | 3900 rpm | Continuously |
| Max pressure | 420 bar | Intermittent |
| Max pressure | 350 bar | Continuously |
| Max Torque | 85.1 Nm | |
| Torque | 0.198 Nm/bar | |
| Max Flow | 47.8 Lpm | |
| Max Power | 37.3 kW | |



| Rpm | 250 | | | 500 | | | 750 | | | 1000 | | | 1500 | | | 2000 | | | 2500 | | | 3000 | | | 3500 | | | 3900 | | |
|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|
| 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 | 3.0 | 10.6 | 0.3 | 6.0 | 10.6 | 0.6 | 9.1 | 10.6 | 0.9 | 12.2 | 10.6 | 1.1 | 18.3 | 10.6 | 1.7 | 24.5 | 10.6 | 2.3 | 30.6 | 10.7 | 2.9 | 36.7 | 10.8 | 3.5 | 42.9 | 11.0 | 4.1 | 47.8 | 11.1 | 54.6 |
| 100 | 2.8 | 20.5 | 0.6 | 5.9 | 20.5 | 1.1 | 9.0 | 20.5 | 1.7 | 12.0 | 20.5 | 2.2 | 18.1 | 20.5 | 3.3 | 24.3 | 20.6 | 4.4 | 30.4 | 20.7 | 5.6 | 36.5 | 20.8 | 6.7 | 42.6 | 21.0 | 7.9 | 47.5 | 21.1 | 8.9 |
| 150 | 2.7 | 30.4 | 0.9 | 5.8 | 30.4 | 1.7 | 8.8 | 30.4 | 2.5 | 11.9 | 30.4 | 3.4 | 18.0 | 30.4 | 5.0 | 24.0 | 30.5 | 6.7 | 30.1 | 30.6 | 8.3 | 36.2 | 30.8 | 10.0 | 42.3 | 31.0 | 11.8 | 47.2 | 31.1 | 13.2 |
| 200 | 2.6 | 40.3 | 1.3 | 5.6 | 40.3 | 2.3 | 8.7 | 40.3 | 3.4 | 11.7 | 40.3 | 4.5 | 17.8 | 40.4 | 6.7 | 23.8 | 40.5 | 8.9 | 29.9 | 40.6 | 11.1 | 36.0 | 40.7 | 13.4 | 42.0 | 40.9 | 15.7 | 46.9 | 41.1 | 17.5 |
| 250 | 2.5 | 50.2 | 1.7 | 5.5 | 50.2 | 3.0 | 8.5 | 50.2 | 4.4 | 11.5 | 50.2 | 5.7 | 17.6 | 50.3 | 8.4 | 23.6 | 50.4 | 11.2 | 29.7 | 50.5 | 14.0 | 35.7 | 50.7 | 16.8 | 41.8 | 50.9 | 19.6 | 46.6 | 51.1 | 21.9 |
| 300 | 2.3 | 60.1 | 2.1 | 5.4 | 60.1 | 3.7 | 8.4 | 60.1 | 5.3 | 11.4 | 60.1 | 6.9 | 17.4 | 60.2 | 10.2 | 23.4 | 60.4 | 13.5 | 29.4 | 60.5 | 16.9 | 35.5 | 60.7 | 20.2 | 41.5 | 60.9 | 23.6 | 46.3 | 61.1 | 26.3 |
| 350 | 2.2 | 70.0 | 2.6 | 5.2 | 70.0 | 4.4 | 8.2 | 70.0 | 6.3 | 11.2 | 70.1 | 8.2 | 17.2 | 70.2 | 12.0 | 23.2 | 70.3 | 15.9 | 29.2 | 70.5 | 19.8 | 35.2 | 70.7 | 23.7 | 41.2 | 70.9 | 27.7 | 46.0 | 71.1 | 30.9 |
| 420 | 2.0 | 83.8 | 3.4 | 5.0 | 83.9 | 5.5 | 8.0 | 83.9 | 7.7 | 11.0 | 83.9 | 10.0 | 17.0 | 84.1 | 14.6 | 22.9 | 84.2 | 19.3 | 28.9 | 84.4 | 24.0 | 34.8 | 84.6 | 28.7 | 40.8 | 84.9 | 33.5 | 45.6 | 85.1 | 37.3 |

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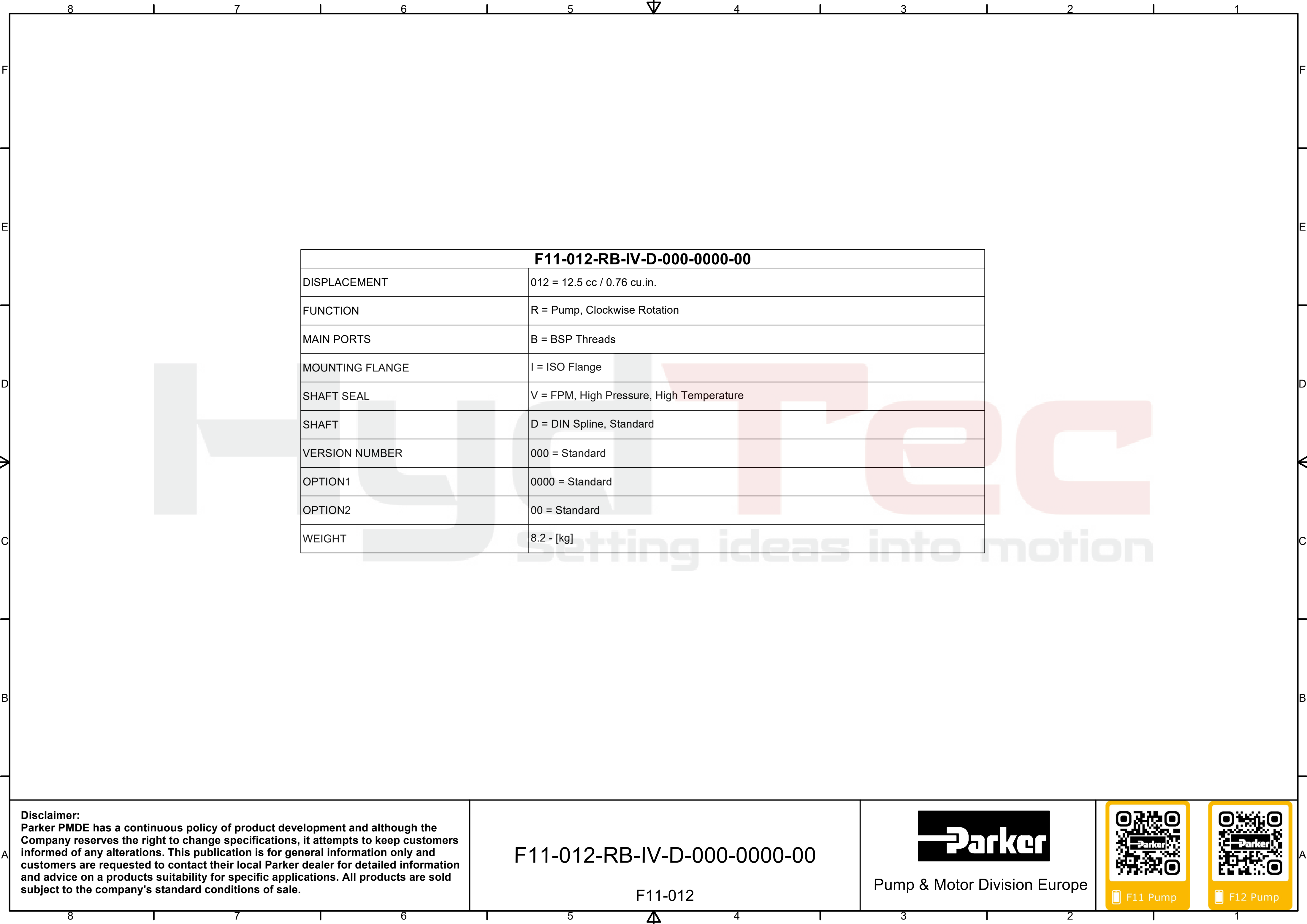
Pump & Motor Division Europe



F11 Pump



F12 Pump



| F11-012-RB-IV-D-000-0000-00 | |
|-----------------------------|--|
| DISPLACEMENT | 012 = 12.5 cc / 0.76 cu.in. |
| FUNCTION | R = Pump, Clockwise Rotation |
| MAIN PORTS | B = BSP Threads |
| MOUNTING FLANGE | I = ISO Flange |
| SHAFT SEAL | V = FPM, High Pressure, High Temperature |
| SHAFT | D = DIN Spline, Standard |
| VERSION NUMBER | 000 = Standard |
| OPTION1 | 0000 = Standard |
| OPTION2 | 00 = Standard |
| WEIGHT | 8.2 - [kg] |

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