

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.

F11-019-SB-CV-K-000-MUVR-B0

F11-019



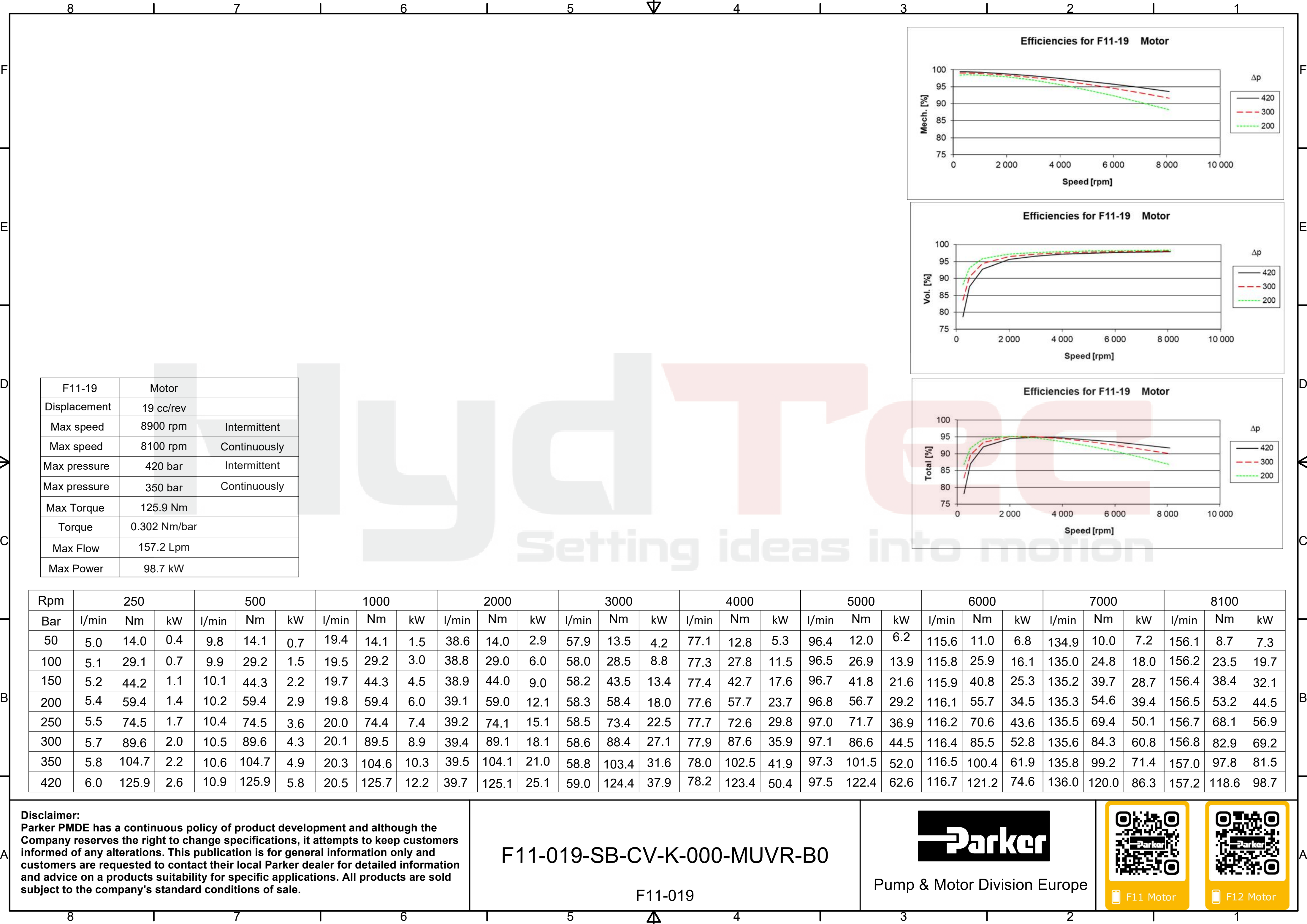
Pump & Motor Division Europe



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 |

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.

F11-019-SB-CV-K-000-MUVR-B0

F11-019



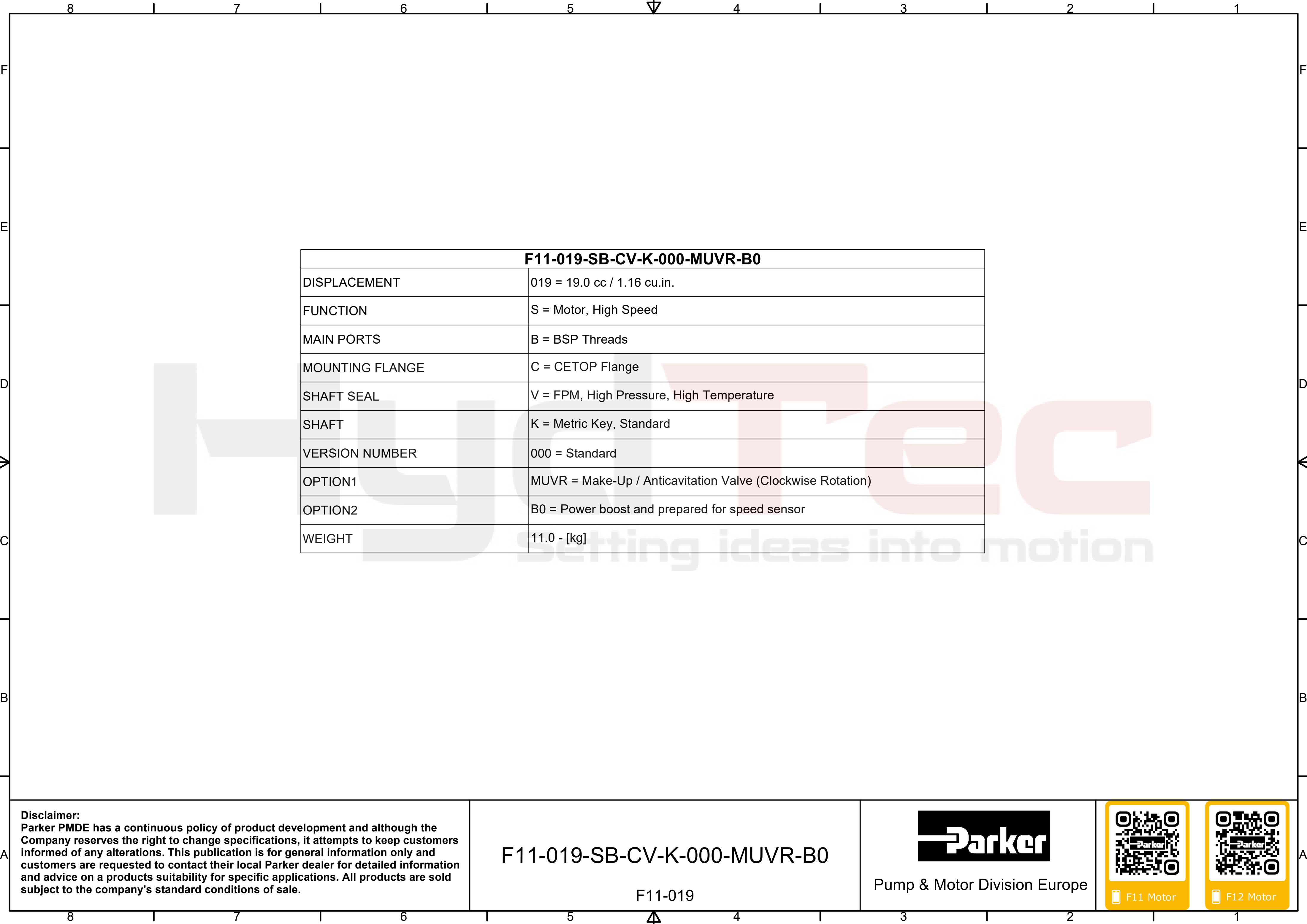
Pump & Motor Division Europe



F11 Motor



F12 Motor



| F11-019-SB-CV-K-000-MUVR-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 | V = FPM, High Pressure, High Temperature |
| SHAFT | K = Metric Key, Standard |
| VERSION NUMBER | 000 = Standard |
| OPTION1 | MUVR = Make-Up / Anticavitation Valve (Clockwise Rotation) |
| OPTION2 | B0 = Power boost and prepared for speed sensor |
| WEIGHT | 11.0 - [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.

F 11-019-SB-CV-K-000-MUVR-B0

F11-019



Pump & Motor Division Europe



F11 Motor



F12 Motor