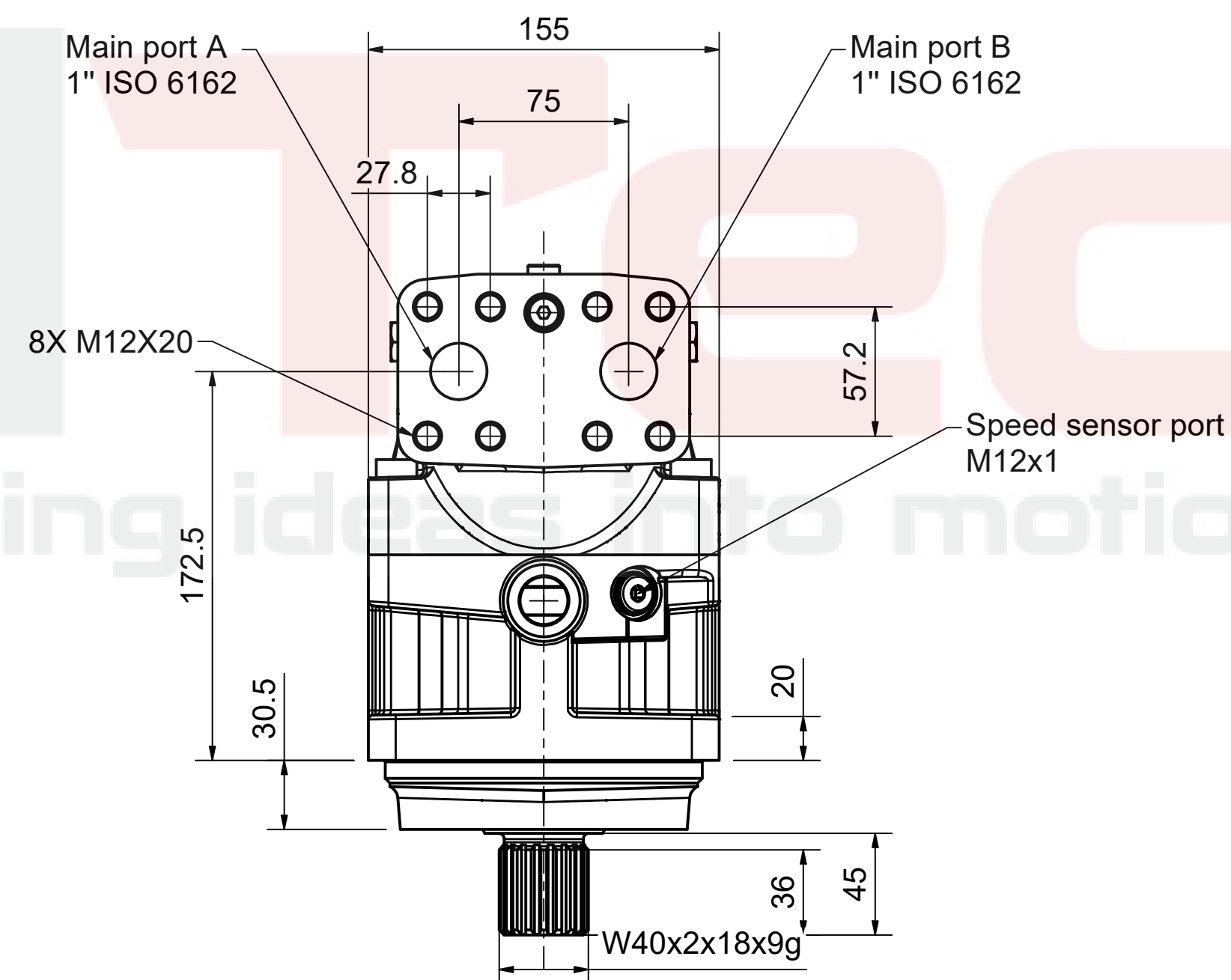
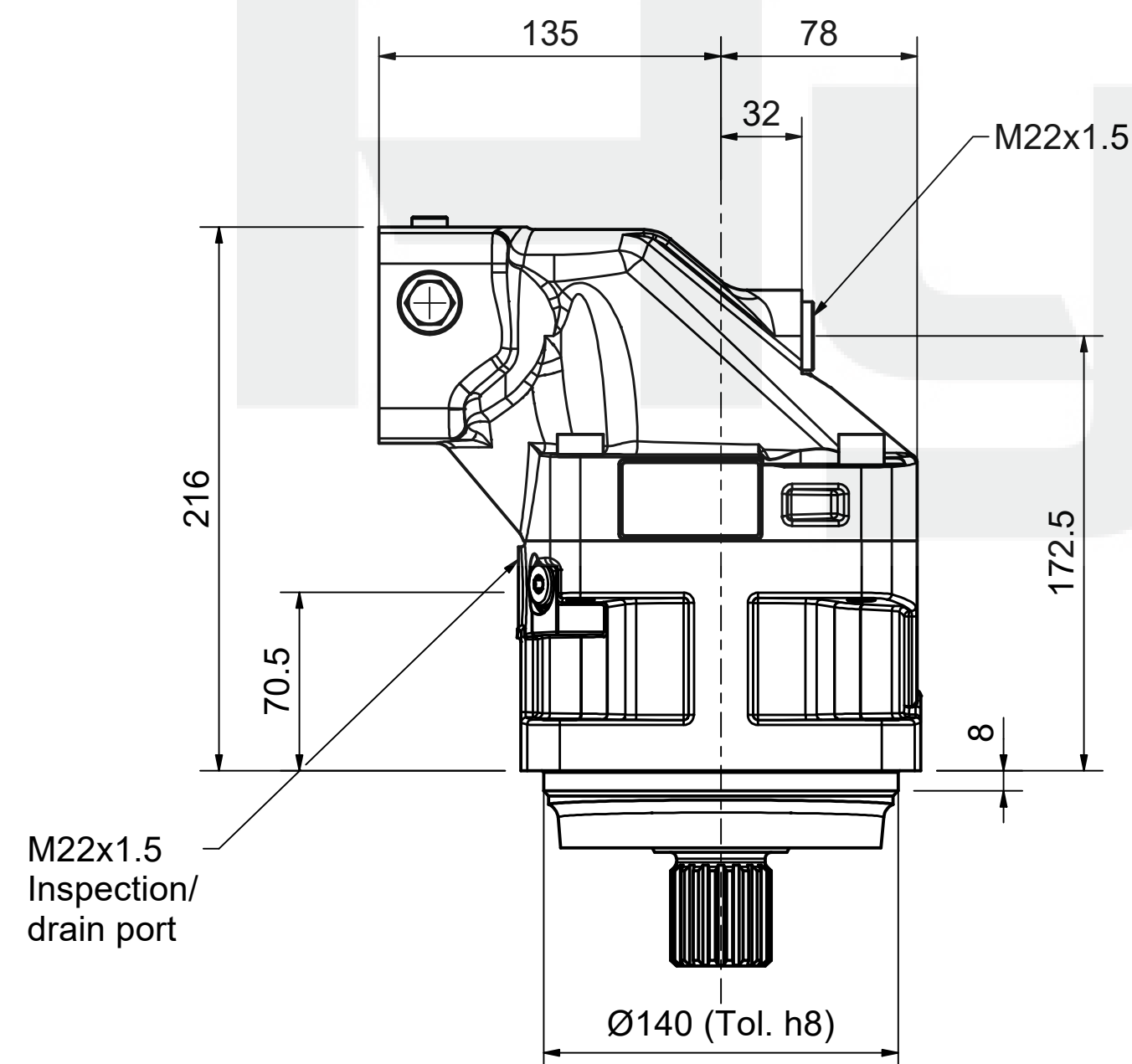
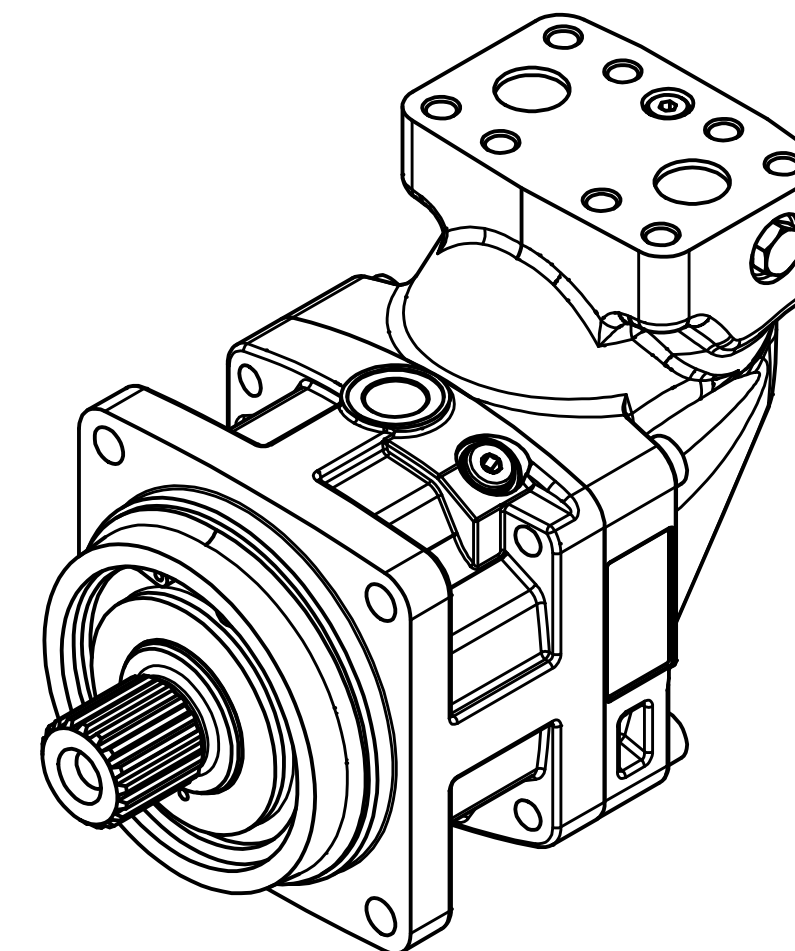
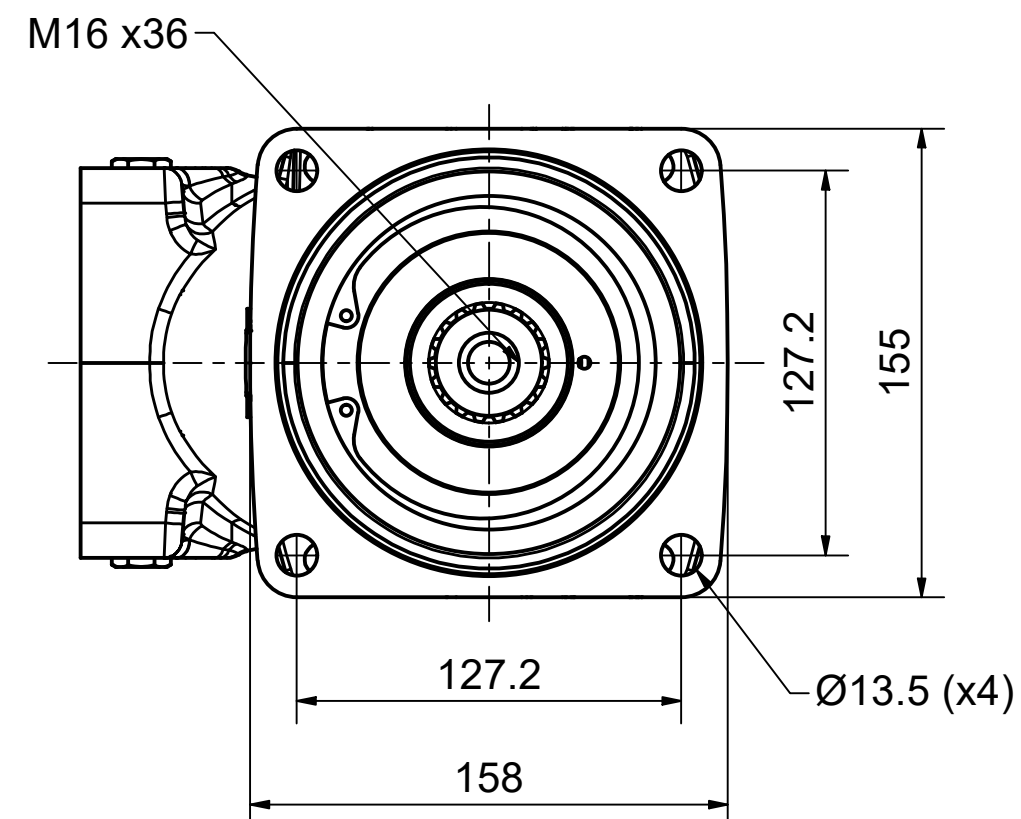




**Disclaimer:**  
Parker PMDE has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact their local 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-MF-IV-D-000-L130-P0

F12-090



Pump & Motor Division Europe

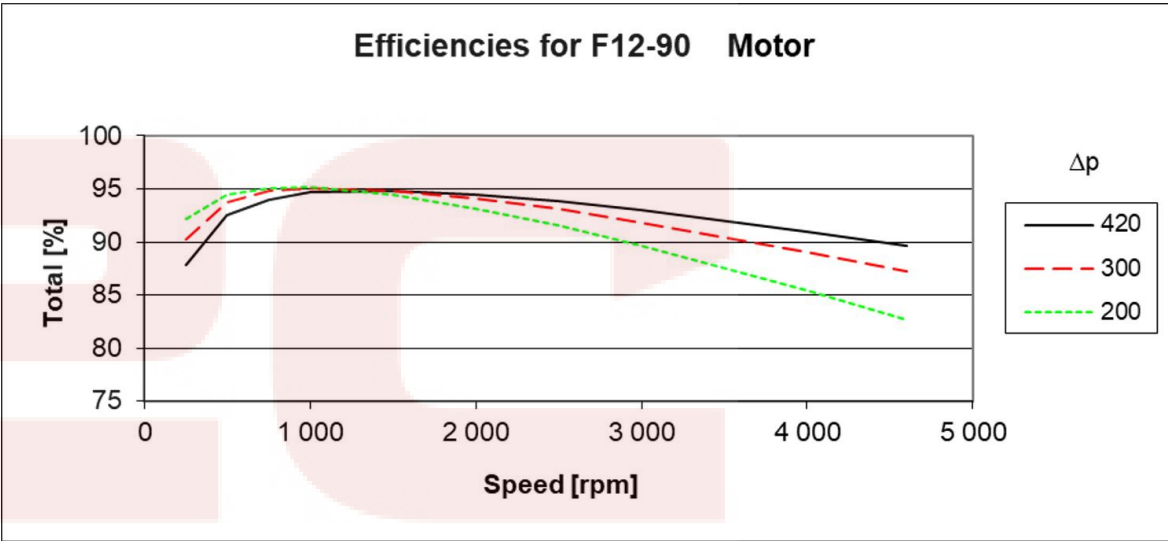
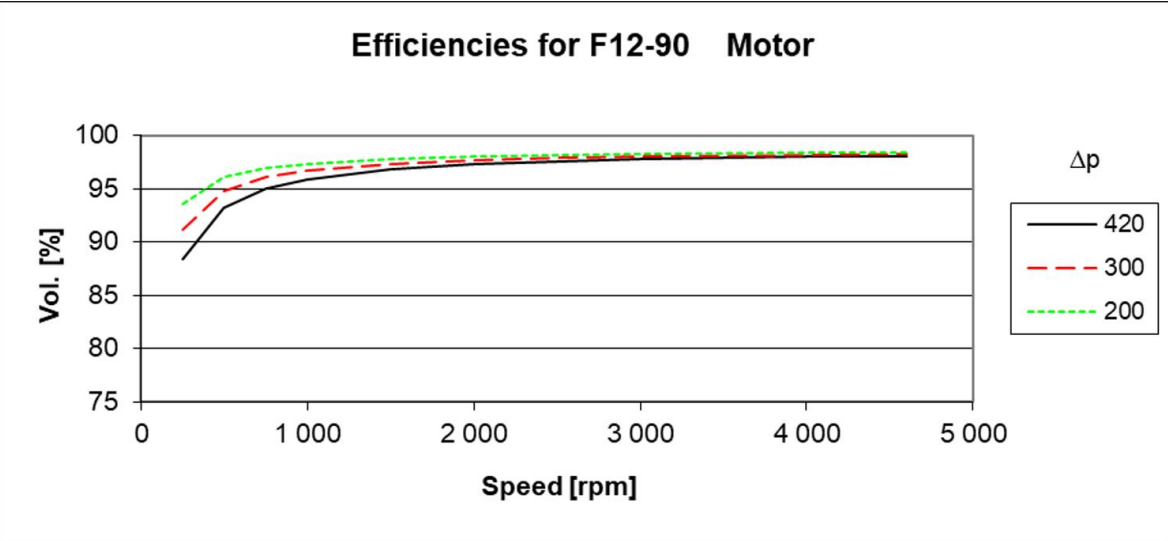
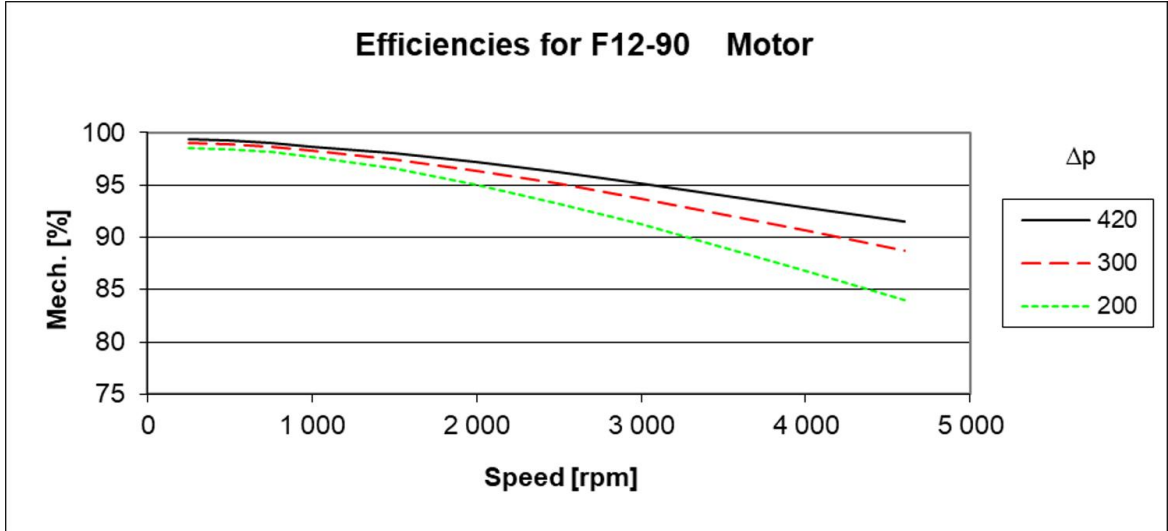


F11 Motor



F12 Motor

|              |              |              |
|--------------|--------------|--------------|
| F12-90       | Motor        |              |
| Displacement | 93 cc/rev    |              |
| Max speed    | 5000 rpm     | Intermittent |
| Max speed    | 4600 rpm     | Continuously |
| Max pressure | 420 bar      | Intermittent |
| Max pressure | 350 bar      | Continuously |
| Max Torque   | 616.0 Nm     |              |
| Torque       | 1.476 Nm/bar |              |
| Max Flow     | 436.2 Lpm    |              |
| Max Power    | 268.6 kW     |              |



| Rpm | 250   |       |      | 500   |       |      | 750   |       |      | 1000  |       |      | 1500  |       |      | 2000  |       |       | 2500  |       |       | 3000  |       |       | 4000  |       |       | 4600  |       |       |
|-----|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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  | 23.9  | 68.9  | 1.8  | 47.4  | 69.1  | 3.6  | 71.0  | 68.8  | 5.3  | 94.5  | 68.0  | 7.0  | 141.7 | 65.2  | 10.1 | 188.8 | 61.2  | 12.7  | 235.9 | 56.4  | 14.6  | 283.0 | 50.9  | 15.8  | 377.2 | 38.4  | 15.9  | 433.8 | 30.3  | 14.5  |
| 100 | 24.2  | 142.9 | 3.6  | 47.8  | 142.9 | 7.3  | 71.3  | 142.4 | 11.0 | 94.9  | 141.5 | 14.6 | 142.0 | 138.5 | 21.4 | 189.1 | 134.3 | 27.7  | 236.2 | 129.3 | 33.4  | 283.3 | 123.7 | 38.4  | 377.6 | 111.1 | 46.0  | 434.1 | 102.9 | 49.0  |
| 150 | 24.5  | 216.8 | 5.4  | 48.1  | 216.7 | 11.0 | 71.6  | 216.0 | 16.6 | 95.2  | 215.0 | 22.1 | 142.3 | 211.7 | 32.7 | 189.4 | 207.4 | 42.8  | 236.5 | 202.3 | 52.2  | 283.6 | 196.5 | 60.9  | 377.9 | 183.7 | 75.9  | 434.4 | 175.4 | 83.4  |
| 200 | 24.8  | 290.7 | 7.1  | 48.4  | 290.4 | 14.6 | 72.0  | 289.7 | 22.1 | 95.5  | 288.5 | 29.5 | 142.6 | 285.0 | 43.9 | 189.7 | 280.5 | 57.7  | 236.9 | 275.2 | 70.9  | 284.0 | 269.4 | 83.4  | 378.2 | 256.3 | 105.9 | 434.7 | 247.9 | 117.8 |
| 250 | 25.2  | 364.6 | 8.8  | 48.7  | 364.2 | 18.2 | 72.3  | 363.3 | 27.6 | 95.8  | 362.0 | 36.9 | 143.0 | 358.3 | 55.1 | 190.1 | 353.6 | 72.7  | 237.2 | 348.2 | 89.6  | 284.3 | 342.2 | 105.8 | 378.5 | 328.9 | 135.8 | 435.1 | 320.4 | 152.2 |
| 300 | 25.5  | 438.6 | 10.5 | 49.1  | 438.0 | 21.8 | 72.6  | 436.9 | 33.0 | 96.2  | 435.5 | 44.2 | 143.3 | 431.6 | 66.2 | 190.4 | 426.7 | 87.5  | 237.5 | 421.1 | 108.2 | 284.6 | 415.0 | 128.1 | 378.9 | 401.5 | 165.6 | 435.4 | 392.9 | 186.5 |
| 350 | 25.8  | 512.5 | 12.1 | 49.4  | 511.7 | 25.3 | 72.9  | 510.5 | 38.4 | 96.5  | 509.0 | 51.5 | 143.6 | 504.9 | 77.2 | 190.7 | 499.8 | 102.4 | 237.8 | 494.1 | 126.8 | 285.0 | 487.8 | 150.5 | 379.2 | 474.2 | 195.4 | 435.7 | 465.4 | 220.7 |
| 420 | 26.3  | 616.0 | 14.3 | 49.9  | 615.0 | 30.1 | 73.4  | 613.6 | 45.9 | 97.0  | 611.9 | 61.6 | 144.1 | 607.5 | 92.6 | 191.2 | 602.2 | 123.0 | 238.3 | 596.2 | 152.7 | 285.4 | 589.8 | 181.6 | 379.7 | 575.8 | 237.0 | 436.2 | 567.0 | 268.6 |

**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-MF-IV-D-000-L130-P0

F12-090



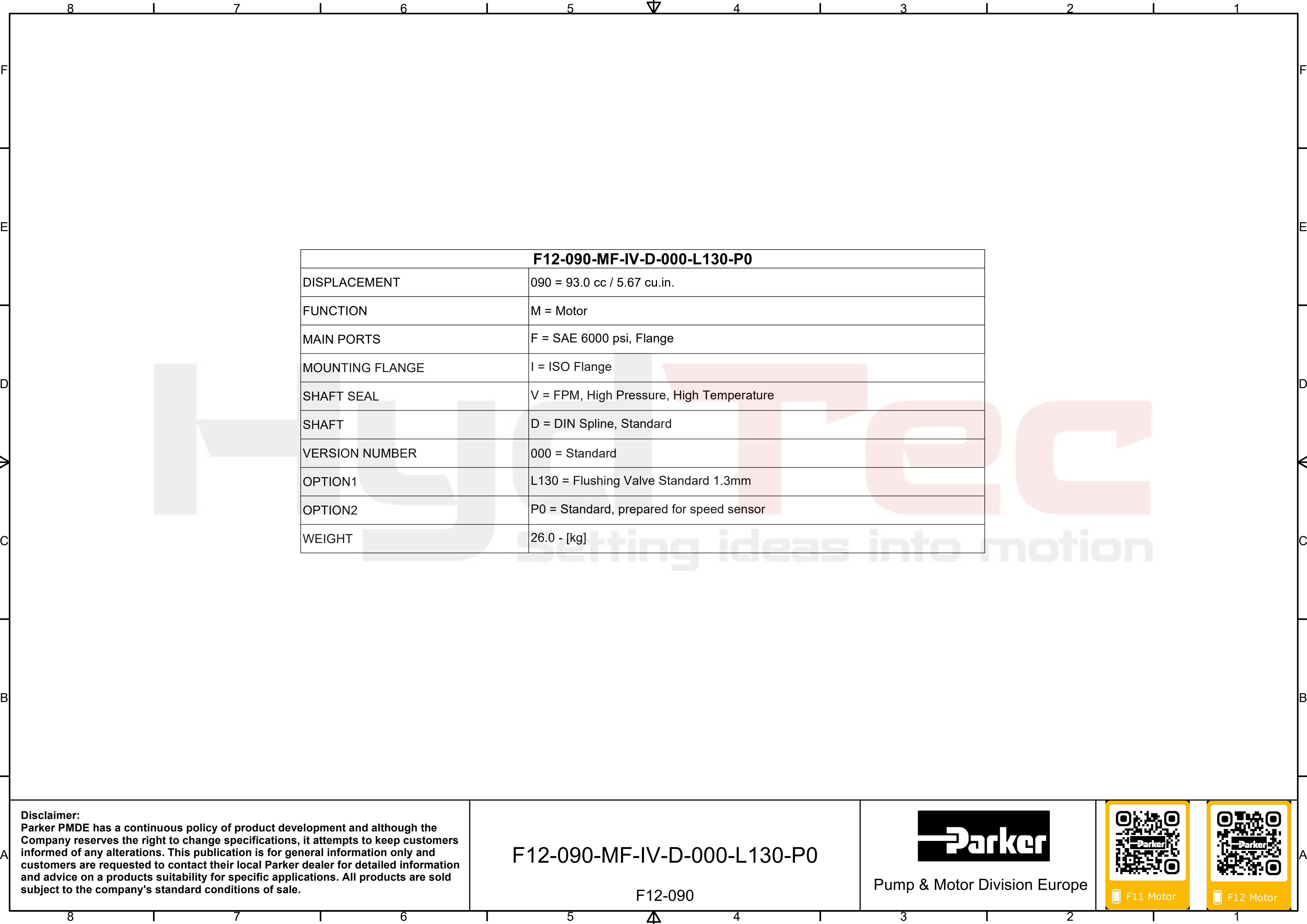
Pump & Motor Division Europe



F11 Motor



F12 Motor



| F12-090-MF-IV-D-000-L130-P0 |                                          |
|-----------------------------|------------------------------------------|
| DISPLACEMENT                | 090 = 93.0 cc / 5.67 cu.in.              |
| FUNCTION                    | M = Motor                                |
| MAIN PORTS                  | F = SAE 6000 psi, Flange                 |
| MOUNTING FLANGE             | I = ISO Flange                           |
| SHAFT SEAL                  | V = FPM, High Pressure, High Temperature |
| SHAFT                       | D = DIN Spline, Standard                 |
| VERSION NUMBER              | 000 = Standard                           |
| OPTION1                     | L130 = Flushing Valve Standard 1.3mm     |
| OPTION2                     | P0 = Standard, 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-MF-IV-D-000-L130-P0

F12-090



Pump & Motor Division Europe



F11 Motor



F12 Motor