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F12-060-MS-SV-S-000-0000-P0

F12-060



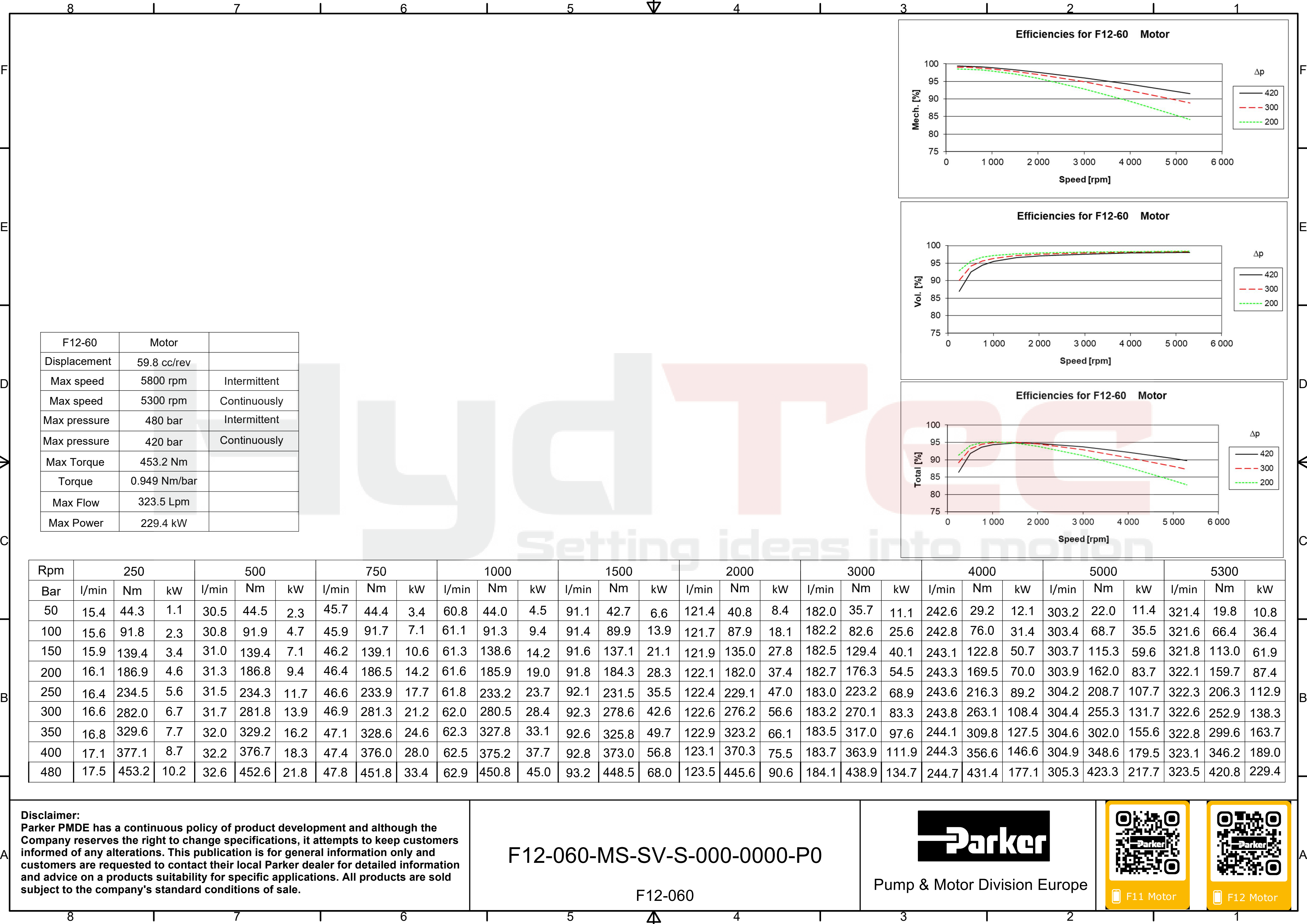
Pump & Motor Division Europe



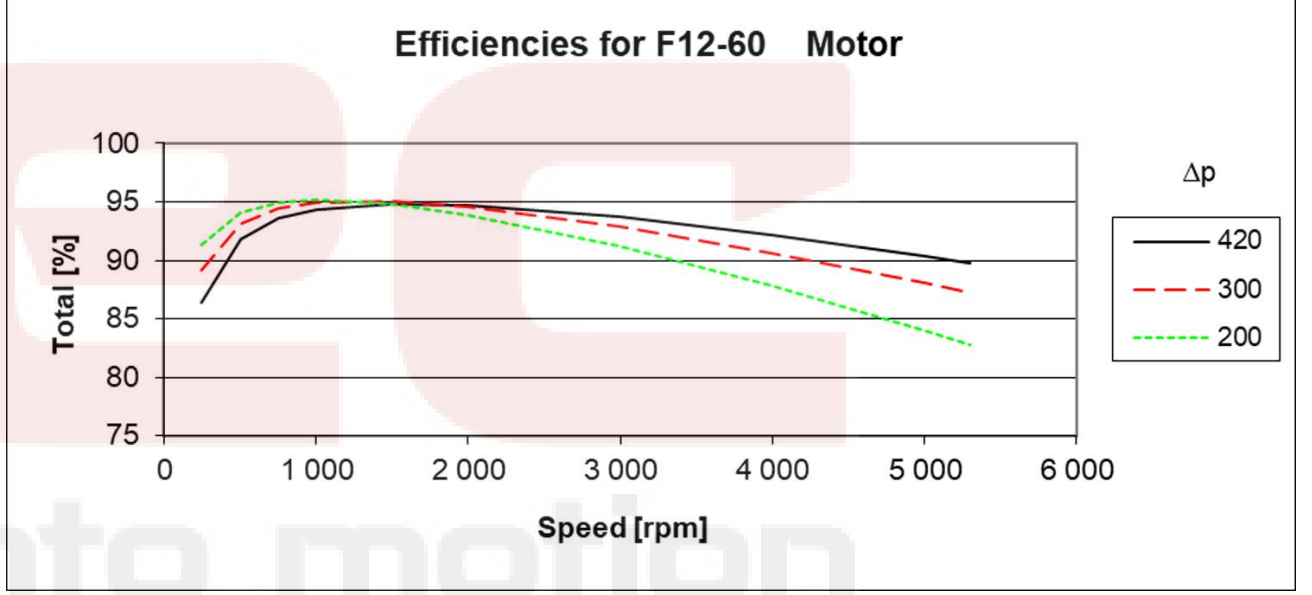
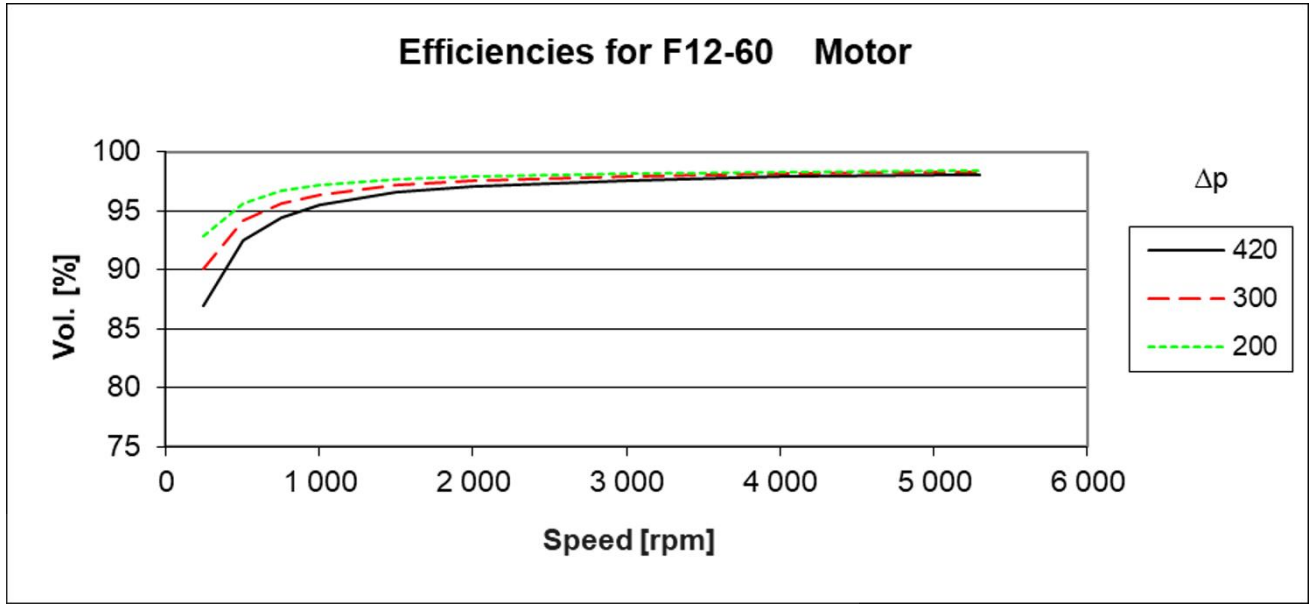
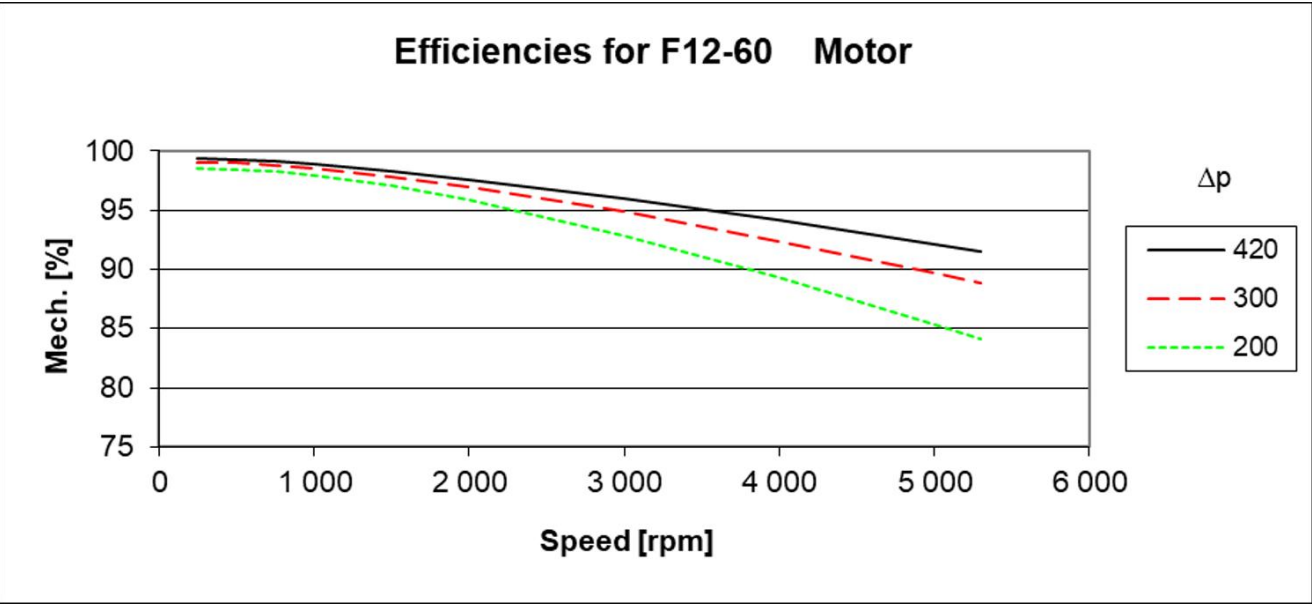
F11 Motor



F12 Motor



| | | |
|--------------|--------------|--------------|
| F12-60 | Motor | |
| Displacement | 59.8 cc/rev | |
| Max speed | 5800 rpm | Intermittent |
| Max speed | 5300 rpm | Continuously |
| Max pressure | 480 bar | Intermittent |
| Max pressure | 420 bar | Continuously |
| Max Torque | 453.2 Nm | |
| Torque | 0.949 Nm/bar | |
| Max Flow | 323.5 Lpm | |
| Max Power | 229.4 kW | |



| Rpm | 250 | | | 500 | | | 750 | | | 1000 | | | 1500 | | | 2000 | | | 3000 | | | 4000 | | | 5000 | | | 5300 | | |
|-----|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | 15.4 | 44.3 | 1.1 | 30.5 | 44.5 | 2.3 | 45.7 | 44.4 | 3.4 | 60.8 | 44.0 | 4.5 | 91.1 | 42.7 | 6.6 | 121.4 | 40.8 | 8.4 | 182.0 | 35.7 | 11.1 | 242.6 | 29.2 | 12.1 | 303.2 | 22.0 | 11.4 | 321.4 | 19.8 | 10.8 |
| 100 | 15.6 | 91.8 | 2.3 | 30.8 | 91.9 | 4.7 | 45.9 | 91.7 | 7.1 | 61.1 | 91.3 | 9.4 | 91.4 | 89.9 | 13.9 | 121.7 | 87.9 | 18.1 | 182.2 | 82.6 | 25.6 | 242.8 | 76.0 | 31.4 | 303.4 | 68.7 | 35.5 | 321.6 | 66.4 | 36.4 |
| 150 | 15.9 | 139.4 | 3.4 | 31.0 | 139.4 | 7.1 | 46.2 | 139.1 | 10.6 | 61.3 | 138.6 | 14.2 | 91.6 | 137.1 | 21.1 | 121.9 | 135.0 | 27.8 | 182.5 | 129.4 | 40.1 | 243.1 | 122.8 | 50.7 | 303.7 | 115.3 | 59.6 | 321.8 | 113.0 | 61.9 |
| 200 | 16.1 | 186.9 | 4.6 | 31.3 | 186.8 | 9.4 | 46.4 | 186.5 | 14.2 | 61.6 | 185.9 | 19.0 | 91.8 | 184.3 | 28.3 | 122.1 | 182.0 | 37.4 | 182.7 | 176.3 | 54.5 | 243.3 | 169.5 | 70.0 | 303.9 | 162.0 | 83.7 | 322.1 | 159.7 | 87.4 |
| 250 | 16.4 | 234.5 | 5.6 | 31.5 | 234.3 | 11.7 | 46.6 | 233.9 | 17.7 | 61.8 | 233.2 | 23.7 | 92.1 | 231.5 | 35.5 | 122.4 | 229.1 | 47.0 | 183.0 | 223.2 | 68.9 | 243.6 | 216.3 | 89.2 | 304.2 | 208.7 | 107.7 | 322.3 | 206.3 | 112.9 |
| 300 | 16.6 | 282.0 | 6.7 | 31.7 | 281.8 | 13.9 | 46.9 | 281.3 | 21.2 | 62.0 | 280.5 | 28.4 | 92.3 | 278.6 | 42.6 | 122.6 | 276.2 | 56.6 | 183.2 | 270.1 | 83.3 | 243.8 | 263.1 | 108.4 | 304.4 | 255.3 | 131.7 | 322.6 | 252.9 | 138.3 |
| 350 | 16.8 | 329.6 | 7.7 | 32.0 | 329.2 | 16.2 | 47.1 | 328.6 | 24.6 | 62.3 | 327.8 | 33.1 | 92.6 | 325.8 | 49.7 | 122.9 | 323.2 | 66.1 | 183.5 | 317.0 | 97.6 | 244.1 | 309.8 | 127.5 | 304.6 | 302.0 | 155.6 | 322.8 | 299.6 | 163.7 |
| 400 | 17.1 | 377.1 | 8.7 | 32.2 | 376.7 | 18.3 | 47.4 | 376.0 | 28.0 | 62.5 | 375.2 | 37.7 | 92.8 | 373.0 | 56.8 | 123.1 | 370.3 | 75.5 | 183.7 | 363.9 | 111.9 | 244.3 | 356.6 | 146.6 | 304.9 | 348.6 | 179.5 | 323.1 | 346.2 | 189.0 |
| 480 | 17.5 | 453.2 | 10.2 | 32.6 | 452.6 | 21.8 | 47.8 | 451.8 | 33.4 | 62.9 | 450.8 | 45.0 | 93.2 | 448.5 | 68.0 | 123.5 | 445.6 | 90.6 | 184.1 | 438.9 | 134.7 | 244.7 | 431.4 | 177.1 | 305.3 | 423.3 | 217.7 | 323.5 | 420.8 | 229.4 |

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F11 Motor



F12 Motor



| F12-060-MS-SV-S-000-0000-P0 | |
|-----------------------------|--|
| DISPLACEMENT | 060 = 59.8 cc / 3.65 cu.in. |
| FUNCTION | M = Motor |
| MAIN PORTS | S = SAE 6000 psi, Flange |
| MOUNTING FLANGE | S = SAE 4 Flange |
| SHAFT SEAL | V = FPM, High Pressure, High Temperature |
| SHAFT | S = SAE Spline, Standard |
| VERSION NUMBER | 000 = Standard |
| OPTION1 | 0000 = Standard |
| OPTION2 | P0 = Standard, prepared for speed sensor |
| WEIGHT | 21.0 - [kg] |

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