

MP Series Replaces Danfoss OMP Series



Standard Pricing: **Shaft** 1" Straight Keyed, **Mount** SAE A 2Hole, **Ports** 1/2" BSPP, **Case** 1/4" BSPP

| Part Number | | Specifications | | | | | | | |
|-------------------|-----------|---------------------|--------------------|-------------------|----------------------------|-----------------------------|--------------------|------------|--|
| Part Number | CC/Rev | Rotor Width L1 - mm | Speed Max Cont RPM | Flow Max Cont LPM | Pressure Drop Max Cont Bar | Inlet Pressure Max Cont Bar | Torque Max Cont Nm | Weight Kg | |
| MPN 25 COD | 25 | 5.2 | 1408 | 40 | 100 | 175 | 33 | 6.1 | |
| MPN 32 COD | 32 | 6.3 | 1450 | 50 | 100 | 175 | 43 | 6.1 | |
| MPN 40 COD | 40 | 7.4 | 1480 | 60 | 120 | 175 | 62 | 6.2 | |
| MPN 50 COD | 49.5 | 6.67 | 1210 | 60 | 140 | 175 | 94 | 6.3 | |
| MPN 60 COD | 59.5 | 8.25 | 983 | 60 | 140 | 175 | 110 | 6.3 | |
| MP 80 COD | 79.2 | 10.67 | 755 | 60 | 140 | 175 | 151 | 6.4 | |
| MP 100 COD | 99 | 13.33 | 605 | 60 | 140 | 175 | 193 | 6.6 | |
| MP 125 COD | 123.8 | 16.67 | 486 | 60 | 140 | 175 | 237 | 6.7 | |
| MP 160 COD | 158.4 | 21.33 | 378 | 60 | 140 | 175 | 313 | 6.9 | |
| MP 200 COD | 198 | 26.67 | 303 | 60 | 140 | 175 | 366 | 7.1 | |
| MP 250 COD | 247.5 | 33.33 | 242 | 60 | 110 | 175 | 380 | 7.3 | |
| MP 315 COD | 316.8 | 42.67 | 190 | 60 | 90 | 175 | 380 | 7.6 | |
| MP 400 COD | 396 | 53.33 | 150 | 60 | 70 | 175 | 360 | 8.2 | |
| MP 500 COD | 495 | 66.63 | 120 | 60 | 60 | 140 | 390 | 9.4 | |
| MP 630 COD | 623.6 | 84 | 95 | 60 | 55 | 140 | 440 | 10.1 | |

* To assure best motor life, fill with fluid and run at moderate load for 5-10 minutes.

Motor Seals to suit:
MP Series, Page 26

Code Builder:

| MP | MOUNTING | OPTIONS | DISPLACEMENT 25-630 CC | SHAFTS | SHAFT SEALS | SERIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|----------|---------------------------|--------|-------------|--------|----------------------------|---|----------------------------|---|-----------------------------|---|-------------------------|---|---------|--|------|-------------|---|-----------------|---|----------------------|--|--|--------|--|------|-------------|-----------|--------------------------|---|---------------------|----|---------------------|----|---------------|----|--------------------|----|--------------------|---|----------------------|----|-------------------|--|-------------|--|------|-------------|----------|------------------|---|-----------|---|-----------------|--|
| | <table border="1"> <thead> <tr><th colspan="2">MOUNTING</th></tr> <tr><th>Code</th><th>Description</th></tr> </thead> <tbody> <tr><td>-</td><td>SAE A 2Hole, 82.5mm Spigot</td></tr> <tr><td>Q</td><td>Square 4Bolt 44.4mm Spigot</td></tr> <tr><td>F</td><td>Magneto 4Hole 82.5mm Spigot</td></tr> <tr><td>W</td><td>Wheel Mount 80mm Spigot</td></tr> </tbody> </table> | MOUNTING | | Code | Description | - | SAE A 2Hole, 82.5mm Spigot | Q | Square 4Bolt 44.4mm Spigot | F | Magneto 4Hole 82.5mm Spigot | W | Wheel Mount 80mm Spigot | <table border="1"> <thead> <tr><th colspan="2">OPTIONS</th></tr> <tr><th>Code</th><th>Description</th></tr> </thead> <tbody> <tr><td>N</td><td>Needle Bearings</td></tr> <tr><td>E</td><td>Rear Ports 1/2" BSPP</td></tr> </tbody> </table> | OPTIONS | | Code | Description | N | Needle Bearings | E | Rear Ports 1/2" BSPP | | <table border="1"> <thead> <tr><th colspan="2">SHAFTS</th></tr> <tr><th>Code</th><th>Description</th></tr> </thead> <tbody> <tr><td>CO</td><td>1" Straight Keyed</td></tr> <tr><td>C</td><td>25mm Straight Keyed</td></tr> <tr><td>CB</td><td>32mm Straight Keyed</td></tr> <tr><td>SH</td><td>1" 6B Splined</td></tr> <tr><td>SA</td><td>24.5mm 14T Splined</td></tr> <tr><td>HB</td><td>1.1/4" 14T Splined</td></tr> <tr><td>K</td><td>28.56mm 1:10 Tapered</td></tr> <tr><td>KB</td><td>35mm 1:10 Tapered</td></tr> </tbody> </table> | SHAFTS | | Code | Description | CO | 1" Straight Keyed | C | 25mm Straight Keyed | CB | 32mm Straight Keyed | SH | 1" 6B Splined | SA | 24.5mm 14T Splined | HB | 1.1/4" 14T Splined | K | 28.56mm 1:10 Tapered | KB | 35mm 1:10 Tapered | <table border="1"> <thead> <tr><th colspan="2">SHAFT SEALS</th></tr> <tr><th>Code</th><th>Description</th></tr> </thead> <tbody> <tr><td>D</td><td># 150 Bar</td></tr> <tr><td>U</td><td># 200 Bar</td></tr> <tr><td>V</td><td># 150 Bar Viton</td></tr> </tbody> </table> | SHAFT SEALS | | Code | Description | D | # 150 Bar | U | # 200 Bar | V | # 150 Bar Viton | |
| MOUNTING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | SAE A 2Hole, 82.5mm Spigot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q | Square 4Bolt 44.4mm Spigot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | Magneto 4Hole 82.5mm Spigot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W | Wheel Mount 80mm Spigot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPTIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | Needle Bearings | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | Rear Ports 1/2" BSPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHAFTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO | 1" Straight Keyed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | 25mm Straight Keyed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CB | 32mm Straight Keyed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SH | 1" 6B Splined | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SA | 24.5mm 14T Splined | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HB | 1.1/4" 14T Splined | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K | 28.56mm 1:10 Tapered | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KB | 35mm 1:10 Tapered | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHAFT SEALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| D | # 150 Bar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U | # 200 Bar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| V | # 150 Bar Viton | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Refer to specifications for performance data.

