



◆ Model number

SMG400 **B** **30** **A** **1** **H** **1** - **L** **XXX**

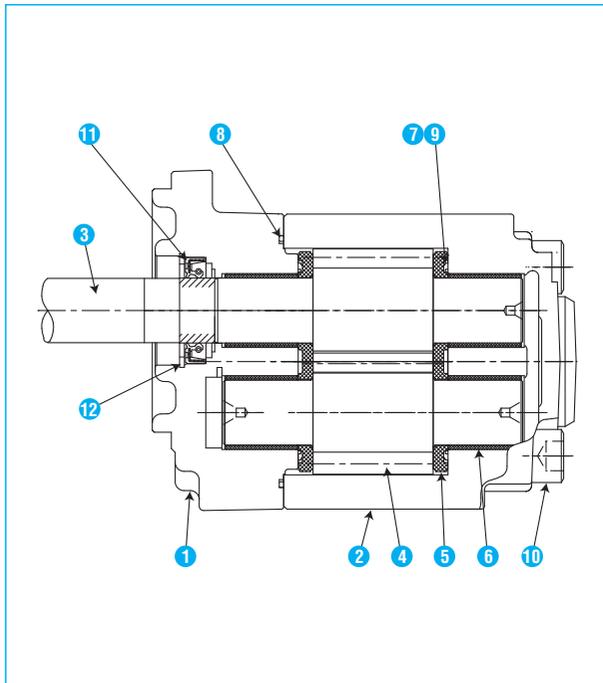
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- | | | | |
|--|---|---|--|
| <p>1 Series number SMG400 series</p> <p>2 Mounting spigot diameter - : $\phi 82_{-0.036}^{-0.036}$ Z : $\phi 102_{-0.036}^{-0.036}$ A : $\phi 82.55_{-0.05}^{-0.05}$ B : $\phi 101.6_{-0.05}^{-0.05}$</p> <p>3 Size</p> | <p>4 Position of ports A : side ports D : rear ports</p> <p>5 Port configuration 1 : flange port 2 : G screw thread</p> | <p>6 Mounting H : horizontal 2 bolts</p> <p>7 Shaft end 1 : SAE Spline 13 teeth</p> | <p>8 Rotation viewing from shaft end L = counter clockwise R = clockwise</p> <p>9 Code number in 3 figures</p> |
|--|---|---|--|

◆ Specifications

| Size | Displacement | | Rated pressure | | | Max. peak pressure | | | Speed min ⁻¹ | | Inlet pressure | Mass | |
|-----------|-----------------|-----------------|----------------|-----|------|--------------------|-----|------|-------------------------|------|----------------|------|-------|
| | cm ³ | in ³ | MPa | bar | psi | MPa | bar | psi | min. | max. | | kg | lb |
| SMG400-16 | 16.6 | 1.013 | 23.0 | 230 | 3335 | 27.6 | 276 | 4002 | 500 | 3400 | bar | 3.3 | 7.26 |
| -20 | 20.8 | 1.269 | | | | | | | | | -0.20~ 2.0 | 4.5 | 9.90 |
| -23 | 24.2 | 1.476 | | | | | | | | | MPa | 5.3 | 11.66 |
| -27 | 28.4 | 1.732 | | | | | | | | | -0.02~ 0.2 | 5.9 | 12.98 |
| -30 | 30.5 | 1.861 | | | | | | | | | psi | 6.0 | 13.20 |
| | | | | | | | | | | | -2.9 ~29 | | |

◆ Typical assembly



| Item No. | Name | QTY | Material |
|-----------|---------------|-----|---------------------|
| 1 | Front cover | 1 | Aluminum alloy |
| 2 | Body | 1 | Cast iron |
| 3 | Drive gear | 1 | Alloy steel |
| 4 | Driven gear | 1 | Alloy steel |
| 5 | Side plate | 2 | Special alloy steel |
| 6 | Bush | 4 | Special alloy steel |
| 7 | Gasket | 2 | Nitril rubber |
| 8 | O-ring | 1 | Nitril rubber |
| 9 | Back-up | 2 | Synthetic resin |
| 10 | Bolt | 4 | Alloy steel |
| 11 | Oil seal | 1 | Nitril rubber |
| 12 | Retainer ring | 1 | Carbon steel |

NOTES : "QTY" shows the amount per one

