

GGIL SERIES

In-line rotary couplings

INTRODUCTION

Holmbury's GGIL Series in-line rotary couplings are designed for in-line use on hydraulic circuits. Using a rotary coupling in the hydraulic line stops the hose twisting, limiting stress and increasing hose lifespan.

CONSTRUCTION

- Carbon steel with trivalent plating
- Fitted with Nitrile seals
- Also available in AISI 316 stainless steel (See SRIL Series)

FEATURES

- Reduces torsional forces
- Spindle is carried on a roller bearing and has a low friction shaft seal that can rotate at maximum pressure with low torque

SPECIFICATIONS

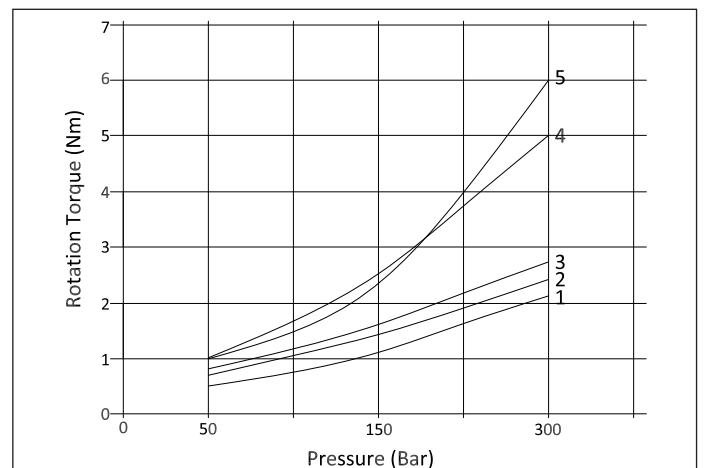
- Operating temperatures (with Nitrile seals): -40°C (-40°F) to 106°C (223°F)

APPLICATIONS

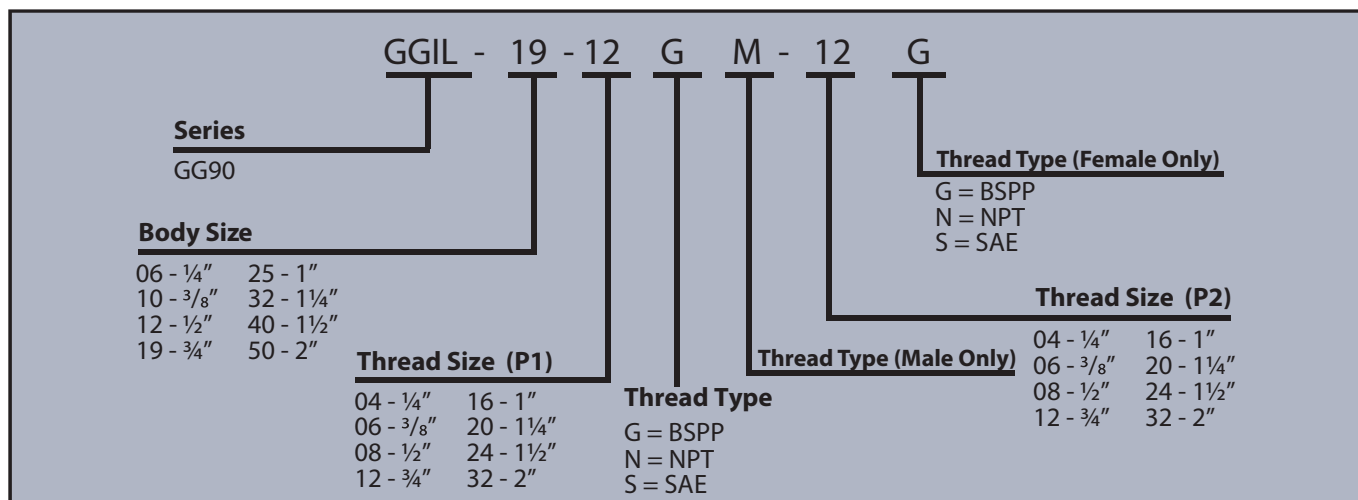
- Designed for usage in general hydraulic systems, machine tools, test equipment, agricultural, and mobile hydraulics



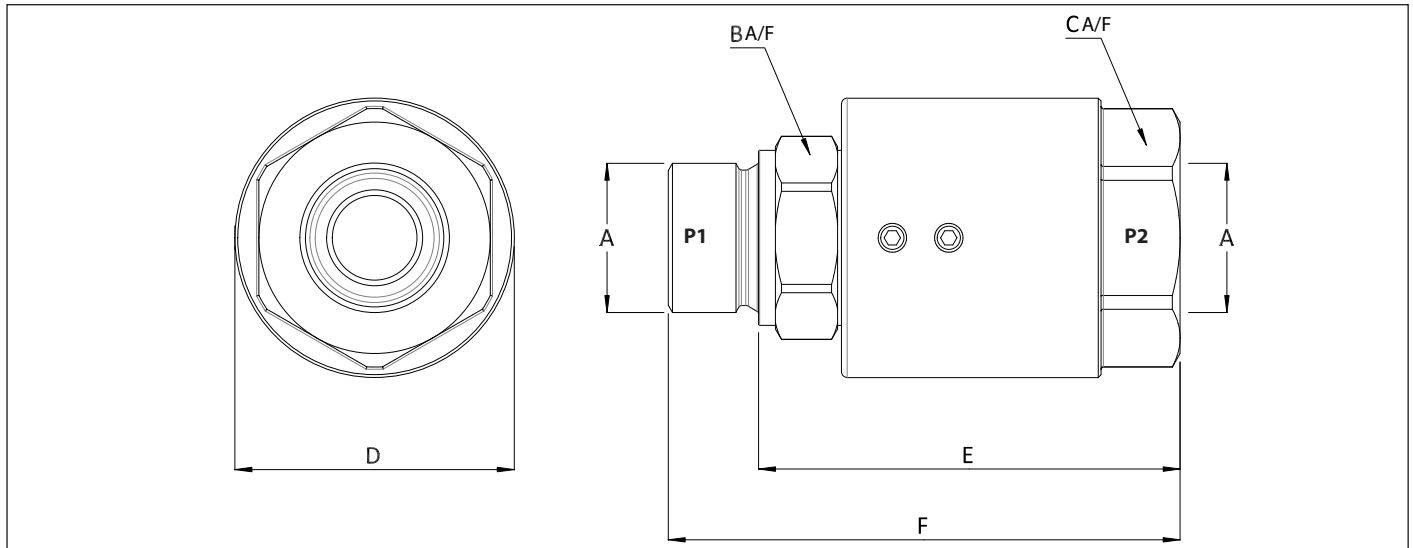
ROTATIONAL TORQUE



ORDER CODES



DRAWING



DIMENSIONS

| Size | Thread Size (A) | B | C | ØD | E | F | Maximum Working Pressure | Maximum Flow Rate |
|---------|-----------------|----------------------|------|------|------|-------|--------------------------|-------------------|
| | | Dimensions in mm | | | | | Bar | L/Min |
| | | Dimensions in Inches | | | | | Psi | |
| GGIL-06 | 1/4" | 19 | 30 | 34 | 52 | 63 | 400 | 25 |
| | | 0.7 | 1.2 | 1.3 | 2.0 | 2.5 | 5800 | |
| GGIL-10 | 3/8" | 24 | 32 | 37.6 | 54.8 | 66.5 | 400 | 45 |
| | | 0.9 | 1.3 | 1.5 | 2.2 | 2.6 | 5800 | |
| GGIL-12 | 1/2" | 27 | 32 | 39.5 | 56.6 | 70.8 | 360 | 80 |
| | | 1.1 | 1.3 | 1.6 | 2.2 | 2.8 | 5220 | |
| GGIL-19 | 3/4" | 32 | 41 | 49.5 | 74.8 | 90.8 | 310 | 120 |
| | | 1.3 | 1.6 | 1.9 | 2.9 | 3.6 | 4495 | |
| GGIL-25 | 1" | 41 | 46 | 54.5 | 80.8 | 100.2 | 280 | 150 |
| | | 1.6 | 1.8 | 2.1 | 3.2 | 3.9 | 4060 | |
| GGIL-32 | 1 1/4" | 50 | 54.7 | 59.7 | 78.5 | 98.2 | 250 | 200 |
| | | 2.0 | 2.2 | 2.4 | 3.1 | 3.9 | 3625 | |
| GGIL-40 | 1 1/2" | 55 | 65 | 70 | 85 | 107 | 210 | 250 |
| | | 2.2 | 2.6 | 2.8 | 3.3 | 4.2 | 3045 | |
| GGIL-50 | 2" | 70 | 75 | 79.5 | 92 | 117 | 180 | 300 |
| | | 2.8 | 3.0 | 3.1 | 3.6 | 4.6 | 2610 | |

PSI= Bar x14.5 Inches= mm/25.4