

# SERIES 96



The **Series 96** coupling is a heavy-duty wing nut coupling designed for use in hydraulic lines where dry break and minimum air inclusion are required. It is ideal for hydraulic dump trucks, oil field equipment, spreading equipment and applications requiring the ability to connect and/or disconnect under pressure. Body sizes are 3/4", 1" and 1 1/4".

## FEATURES

- Flat face valve design
- Non-spill double shut-off with minimum air inclusion
- Connect/disconnect under pressure
- Corrosion resistant brass body
- Plugs can be bulkhead mounted
- Interchanges with other manufacturers' couplings

## APPLICATIONS & INDUSTRIES

- Trucks
- Construction
- Oil and Gas
- Transportation



### Interchangeability

- Other manufacturers' couplings



### Materials

- Brass body (socket & plug)
- Zinc plated steel wing nut (socket)
- Stainless steel spring
- Buna-N (Nitrile) seal



**3/4" to 1 1/4" nominal**  
(19.05 mm to 31.75 mm)



**-40° F to 250° F**  
**-40° C to 121° C**

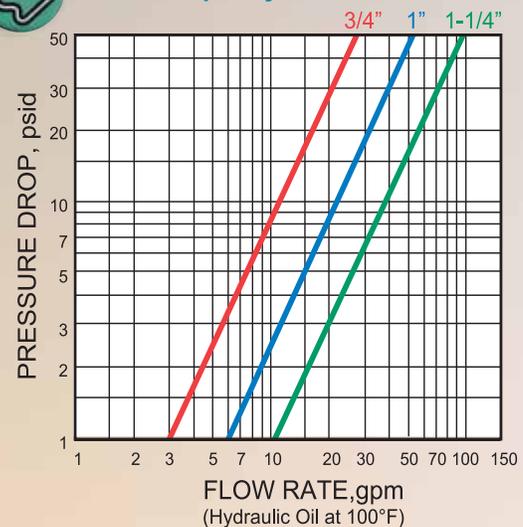


### Rated Pressure

| Body Series | PSI   | BAR |
|-------------|-------|-----|
| 3/4"        | 3,000 | 207 |
| 1"          | 3,000 | 207 |
| 1 1/4"      | 2,750 | 190 |



### Flow Capacity



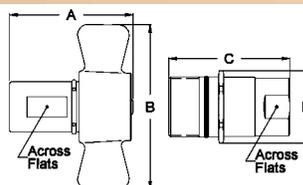
### Bulkhead Mounting Flanges

### Dust Caps and Dust Plugs Accessories

| Body Series | Part No. | Diameters (inches) |               | Plug Dust Cap (Brass) | Socket Dust Plug (Brass) |
|-------------|----------|--------------------|---------------|-----------------------|--------------------------|
|             |          | Bolt Hole A        | Bolt Circle B |                       |                          |
| 3/4"        | FL96-075 | 0.201              | 2.13          | PDC-96-075            | SDC-96-075               |
| 1"          | FL96-100 | 0.201              | 2.38          | PDC-96-100            | SDC-96-100               |
| 1 1/4"      | FL96-125 | 0.201              | 2.63          | PDC-96-125            | SDC-96-125               |

## SOCKETS

| Body Size | Part No.      | Thread Size NPTF | Dimensions |      |              |
|-----------|---------------|------------------|------------|------|--------------|
|           |               |                  | A          | B    | Across Flats |
| 3/4"      | <b>96-S31</b> | 3/4-14           | 3.10       | 4.06 | 1.15         |
| 1"        | <b>96-S36</b> | 1-11 1/2         | 3.79       | 4.45 | 1.44         |
| 1 1/4"    | <b>96-S41</b> | 1 1/4-11 1/2     | 3.95       | 5.35 | 1.78         |



## PLUGS

| Body Size | Part No.      | Thread Size NPTF | Dimensions |      |              |
|-----------|---------------|------------------|------------|------|--------------|
|           |               |                  | C          | D    | Across Flats |
| 3/4"      | <b>96-P31</b> | 3/4-14           | 3.13       | 1.75 | 1.31         |
| 1"        | <b>96-P36</b> | 1-11 1/2         | 3.55       | 2.02 | 1.56         |
| 1 1/4"    | <b>96-P41</b> | 1 1/4-11 1/2     | 3.71       | 2.38 | 1.88         |