

# D\*25 SERIES

## SPECIFICATIONS

**Input Torque:** 798 ft-lb (max)

**Horsepower:** 380 (max)

**Maximum Speed:** See Ratio Chart

**Approximate Weight:** 200 lbs (gearbox only)

**Oil Capacity Approximately 4 qts**  
(may vary due to output orientation and gear ratio)

**(Ratings Based on 1:1 Ratio, 2500 rpm and 2000 hrs B10 Life)**

*Specifications are subject to change without notice.*

## FEATURES

- **Dipstick Included for Maintaining Proper Fluid Level**
- **Rotation Opposite Input**
- **Internal Passive Lubrication System for Increased Life of Input & Pump Shaft Spline**
- **All Threaded Fittings have O-ring Seals**
- **Full Fillet Gears for Optimum Strength**
- **One Piece Drive Plate Hub and Input Shaft Eliminates Dry Spline**

## AVAILABLE OPTIONS

| CLUTCH HOUSING DIMENSIONS<br>REF SAE J620 AND SAE J617 |        |       |       |  |  |       |       |
|--|--------|-------|-------|--|--|-------|-------|
| SAE NO.  | A      | B     | C     |  |  | DD    | J     |
| 3 (C111)   | 16.125 | 17.75 | 16.87 |  |  | 5.75  | 10.62 |
| 3 (P211)   | 16.125 | 17.75 | 16.87 |  |  | 10.50 | 15.37 |
| 2 (C110)   | 17.625 | 19.25 | 18.37 |  |  | 5.75  | 10.62 |
| 2 (C111)   | 17.625 | 19.25 | 18.37 |  |  | 5.75  | 10.62 |

| AVAILABLE GEAR RATIOS<br>OUTPUT ROTATION OPPOSITE INPUT |                           |      |
|---|---------------------------|------|
| GEAR RATIO<br>U-SPEED INCREASING<br>D-SPEED DECREASING  | MAX. INPUT SPEED<br>(RPM) |      |
|   | U                         | D    |
| 1.1 E   | 3000                      | 3000 |
| 1.11 UD   | 2700                      | 3000 |
| 1.38 UD   | 2100                      | 3000 |
| 1.62 UD   | 1800                      | 3000 |
|   |                           |      |
|   |                           |      |
|   |                           |      |
|   |                           |      |

| DRIVE PLATE DIMENSIONS<br>REF SAE J620 |        |      |   |      |       |
|--|--------|------|---|------|-------|
| NOMINAL DRIVE PLATE DIA.               | BB     | E    | F | G    | CC    |
| 8                                      | 10.375 | 7/16 | 6 | 2.44 | 9.62  |
| 10                                     | 12.375 | 7/16 | 8 | 2.12 | 11.62 |
| 11 1/2                                 | 13.875 | 7/16 | 8 | 1.56 | 13.12 |
| 14                                     | 18.375 | 9/16 | 8 | 1.00 | 17.25 |
|  |        |      |   |      |       |
|  |        |      |   |      |       |

| PUMP FLANGE DIMENSIONS<br>REF SAE J744 |               |                |               |               |                | 30 DEG. INVOLUTE SPLINE |       |
|--|---------------|----------------|---------------|---------------|----------------|-------------------------|-------|
| SAE SIZE                               | NO. BOLTS (V) | PILOT DIA. (W) | BOLT SIZE (X) | B.C. DIA. (Y) | HOLE DEPT (EE) | NO TEETH                | PITCH |
| A                                      | 2             | 3.250          | 3/8-16        | 4.18          | .75            | 9                       | 16/32 |
| B                                      | 2             | 4.000          | 1/2-13        | 5.75          | .75            | 13                      | 16/32 |
| B                                      | 4             | 4.000          | 1/2-13        | 5.00          | .75            | 13                      | 16/32 |
| BB                                     | 2             | 4.000          | 1/2-13        | 5.75          | .75            | 15                      | 16/32 |
| BB                                     | 4             | 4.000          | 1/2-13        | 5.00          | .75            | 15                      | 16/32 |
| C                                      | 2             | 5.000          | 5/8-11        | 7.12          | .87            | 14                      | 12/24 |
| C                                      | 4             | 5.000          | 1/2-13        | 6.37          | .87            | 14                      | 12/24 |
| CC                                     | 2             | 5.000          | 5/8-11        | 7.12          | .87            | 17                      | 12/24 |
| CC                                     | 4             | 5.000          | 1/2-13        | 6.37          | .87            | 17                      | 12/24 |
| D                                      | 4             | 6.000          | 3/4-10        | 9.00          | STUD           | 13                      | 8/16  |
|  |               |                |               |               |                |                         |       |
|  |               |                |               |               |                |                         |       |

| ENGINE ADAPTER DIMENSIONS<br>REF SAE J617 |        |       |       |      |    |      |     |      |       |
|---|--------|-------|-------|------|----|------|-----|------|-------|
| SAE NO.                                   | A      | B     | C     | D    | H  | J    | P   | DD   | GG    |
| 5   | 12.375 | 14.00 | 13.12 | 7/16 | 8  | 7.50 | 1/2 | 2.50 | 1 1/4 |
| 4   | 14.250 | 15.88 | 15.00 | 7/16 | 12 | 7.50 | 1/2 | 2.50 | 1 1/4 |
| 3   | 16.125 | 17.75 | 16.87 | 7/16 | 12 | 7.50 | 1/2 | 2.50 | 1 1/4 |
| 2   | 17.625 | 19.25 | 18.37 | 7/16 | 12 | 7.50 | 1/2 | 2.50 | 1 1/4 |
| 1   | 20.125 | 21.75 | 20.87 | 1/2  | 12 | 7.50 | 1/2 | 2.50 | 1 1/4 |

| CLUTCH INSTALLATION DATA |              |                        |                        |        |       |  |  |      |  |      |      |  |  |
|--------------------------|--------------|------------------------|------------------------|--------|-------|--|--|------|--|------|------|--|--|
| SAE HSG SIZE             | CLUTCH MODEL | MAX CLUTCH SPEED (RPM) | WORKING TORQUE (LB-FT) | BB     | CC    |  |  | G    |  | T    | U    | TORQUE (LB-IN)<br>ON OPERATING SHAFT<br>REQ'D TO ENGAGE CLUTCH |  |
| 3                        | C111         | 2325                   | 387                    | 13.875 | 13.12 |  |  | 1.56 |  | 1.56 | 1.56 | 1.56   |  |
| 2 or 3                   | P111         | 2850                   | 455                    | 13.875 | 13.12 |  |  | 1.56 |  | 1.56 | 1.56 | 1.56   |  |
| 2 or 3                   | P211         | 2850                   | 910                    | 13.875 | 13.12 |  |  | 1.56 |  | 1.56 | 1.56 | 1.56   |  |
|                          |              |                        |                        |        |       |  |  |      |  |      |      |  |  |
|                          |              |                        |                        |        |       |  |  |      |  |      |      |  |  |