

## EQUIPMENT SPECIFICATIONS

### GEAR REDUCERS

1000 HP, 235 RPM, 1.811:1 RATIO, ROLLER BEARING GEAR REDUCER  
TDI REFERENCE NUMBER: 62946

MANUFACTURER: Falk  
MODEL NO.: 1160 YFI-A  
QUANTITY: 1.00

#### GENERAL SPECIFICATIONS:

|  |                                     |
|--|-------------------------------------|
| CAPACITY (HP):                           | <u>1,000</u> HP (746.000 kw)        |
| SERVICE FACTOR:                          | <u>1.64</u>                         |
| GEAR RATIO:                              | <u>1.811:1</u>                      |
| INPUT RPM:                               | <u>235</u> Rpm                      |
| OUTPUT RPM:                              | <u>129.800</u> Rpm                  |
| DESIGN:                                  | <u>Parallel</u>                     |
| BEARING TYPE:                            | <u>Roller</u>                       |
| D-DIMENSION (INCHES):                    | <u>16.250</u> Inches (412.750 mm)   |
| INPUT SHAFT DIAMETER (INCHES):           | <u>6.500</u> Inches (165.100 mm)    |
| INPUT SHAFT LENGTH (INCHES):             | <u>11</u> Inches (279.400 mm)       |
| OUTPUT SHAFT DIAMETER (INCHES):          | <u>8.500</u> Inches (215.900 mm)    |
| OUTPUT SHAFT LENGTH (INCHES):            | <u>14.750</u> Inches (374.650 mm)   |
| OUTPUT SHAFT CENTERS (INCHES):           | <u>29</u> Inches (736.600 mm)       |
| APPROXIMATE OVERALL DIMENSIONS (INCHES): |                                     |
| LENGTH (INCHES):                         | <u>85.380</u> Inches (2,168.652 mm) |
| WIDTH (INCHES):                          | <u>59.750</u> Inches (1,517.650 mm) |

HEIGHT (INCHES):  
APPROXIMATE WEIGHT (LBS.):

56.380 Inches (1,432.052 mm)  
10,900 Pounds (4,944.153 kg)

COMMENTS:

Housing Type: Welded; Lubrication: Splash Oil;  
Previous Use: Stand Drive; Stored in Warehouse w/  
Coupling Halves.

