

**BALDOR® • RELIANCE**

**Product Information Packet**

**ELECTRIC MOTOR WHOLESAL.COM**

**WDGF2026BG**

**WDF-926-20-B7-G**

| Nameplate NP1756 |                 |             |      |            |
|------------------|-----------------|-------------|------|------------|
| INPUT H.P.       | 2.16            |             |      |            |
| RATIO            | 20              | R TORQ-INLB | 1309 |            |
|                  | WDF-926-20-B7-G |             |      |            |
|                  |                 |             |      |            |
| CAT./SPEC        | WDFG2026BG      |             |      | GR0206C002 |
| DATE CODE        |                 |             |      |            |

| Parts List  |  |          |
|-------------|--|----------|
| Part Number | Description                              | Quantity |
| HG0016A12   | 926 GEAR HOUSING, SYMM SEALED            | 1.000 EA |
| HA4027A02   | SQUARE HEAD PIPE PLUG 3/8" NPTF #304 S.S | 1.000 EA |
| 926-1SR     | N5000-281 WALDES TRUARC RETAINING RING   | 2.000 EA |
| WM0062B14   | 926 MTZ WORM ASSY 20:1 RATIO 7/8 BORE    | 1.000 EA |
| BG6306A01   | 6306 OPEN,C3,SLUSH                       | 1.000 EA |
| HW5060A38   | RET RING 5160-118(WALDES)                | 1.000 EA |
| HA3555A08   | EXPANSION PLUG 2.841/2.837 X 5/16        | 1.000 EA |
| HW4600F16   | 1.688 X 2.835 X 0.469 SGLLIP, HNBR       | 1.000 EA |
| GF0007A01   | 926-3F56 GEAR FLANGE MACH 2.62 & 3.25 CD | 1.000 EA |
| 84XN3118S24 | 5/16-18X1 1/2 HX SOC HD CAP SCREW, STAIN | 4.000 EA |
| HW1001S31   | WASHER, 5/16 SPLT LK, STAINLESS STEEL    | 4.000 EA |
| BS0019A02   | 926-5 BEARING SUPPORT, OPEN-FOR SYMM HSG | 1.000 EA |
| GS0037A01   | WORMGEAR GASKET, .003 (GREEN), 4.65 ID X | 1.000 EA |
| GS0037A02   | WORMGEAR GASKET, .005 (BLUE), 4.65 ID X  | 2.000 EA |
| GS0037A03   | WORMGEAR GASKET, .010 (BROWN), 4.65 ID X | 2.000 EA |
| HW4600C88   | 1.125 X 1.624 X 0.250 DBLLIP, CR #11124  | 1.000 EA |
| HW4600B74   | FORSHEDA V28A V-RING SEAL                | 1.000 EA |
| 10XN3118S12 | 5/16-18 X 3/4 HEX HEAD CAP, STAINLESS ST | 4.000 EA |
| SG0012B23   | 926 COMP GEAR SH ASSY 20:1, SGL O/P, WAS | 1.000 EA |
| BS0048A02   | 926-5 BEARING SUPPORT, CLOSED-FOR SYMM H | 1.000 EA |
| GS0037A01   | WORMGEAR GASKET, .003 (GREEN), 4.65 ID X | 1.000 EA |
| GS0037A02   | WORMGEAR GASKET, .005 (BLUE), 4.65 ID X  | 2.000 EA |
| GS0037A03   | WORMGEAR GASKET, .010 (BROWN), 4.65 ID X | 2.000 EA |
| 10XN3118S12 | 5/16-18 X 3/4 HEX HEAD CAP, STAINLESS ST | 6.000 EA |

| Parts List (continued) |   |          |
|------------------------|---|----------|
| Part Number            | Description                               | Quantity |
| MJ1000A90              | KLUBERSYNTH UH1-6-460 WORMGEAR OIL        | 0.287 GA |
| MJ5019A01              | ADHESIVE LOCTITE #680 WAS BAD4525         | 0.001 EA |
| MJ5004A35              | ADHESIVE LOCTITE #243-31 50 ML            | 0.001 EA |
| MJ5001A19              | LOCTITE #598 ULTRA BLACK, 50 LB PAIL, IT  | 0.010 LB |
| MG1500Y11              | 707.11A & 707.11B WILKOFASST YELLOW EPOXY | 0.010 GA |
| MG1025W11              | PAINT- 781-101 WILKOFASST WHITE EPOXY     | 0.010 GA |
| HA3557A02              | ALLIANCE #PP3/8 PLUG                      | 4.000 EA |
| LB5042                 | TOE TAG, OIL PREFILL KLUBERSYN (250/pk)   | 1.000 EA |
| LT0066A08              | REDUCER INSTALL/MAINT - KLUBE 11/05       | 1.000 EA |
| LB1242                 | ADHESIVE PATCH 1.10 X 2.03 X .045 THICK   | 1.000 EA |
| NP1756                 | NAMEPLATE, GEAR REDUCER, KLUBERSYNTH UH1  | 1.000 EA |
| 85XU0208S03            | 2 X 3/16 DRIVE PIN S.S. (BMH5033)         | 2.000 EA |
| 35PA1000               | PACKING GROUP                             | 1.000 EA |
| HW2502E18              | #303 SS,SQ KEY 1/4 X 2.000                | 1.000 EA |
| 10XN3816S16            | 3/8-16 X 1 HEX HD CAP SCREW, STAINLE      | 4.000 EA |
| HW1001S38              | WASHER, 3/8 SPLT LK, STAINLESS STEEL      | 4.000 EA |
| MJ1000B01              | ANTISEIZE - ALTEMP Q NB 50, 750 GRAM CAN  | 0.001 EA |
| MP1009A01              | 4 X 4 ZIP POLYBAG, 4 MIL                  | 1.000 EA |

| Accessories |                                       |            |
|-------------|---------------------------------------|------------|
| Part Number | Description                           | Multiplier |
| WDB26H71    | WASHDOWN BASE-HORIZONTAL POS. A/B 926 | A8         |

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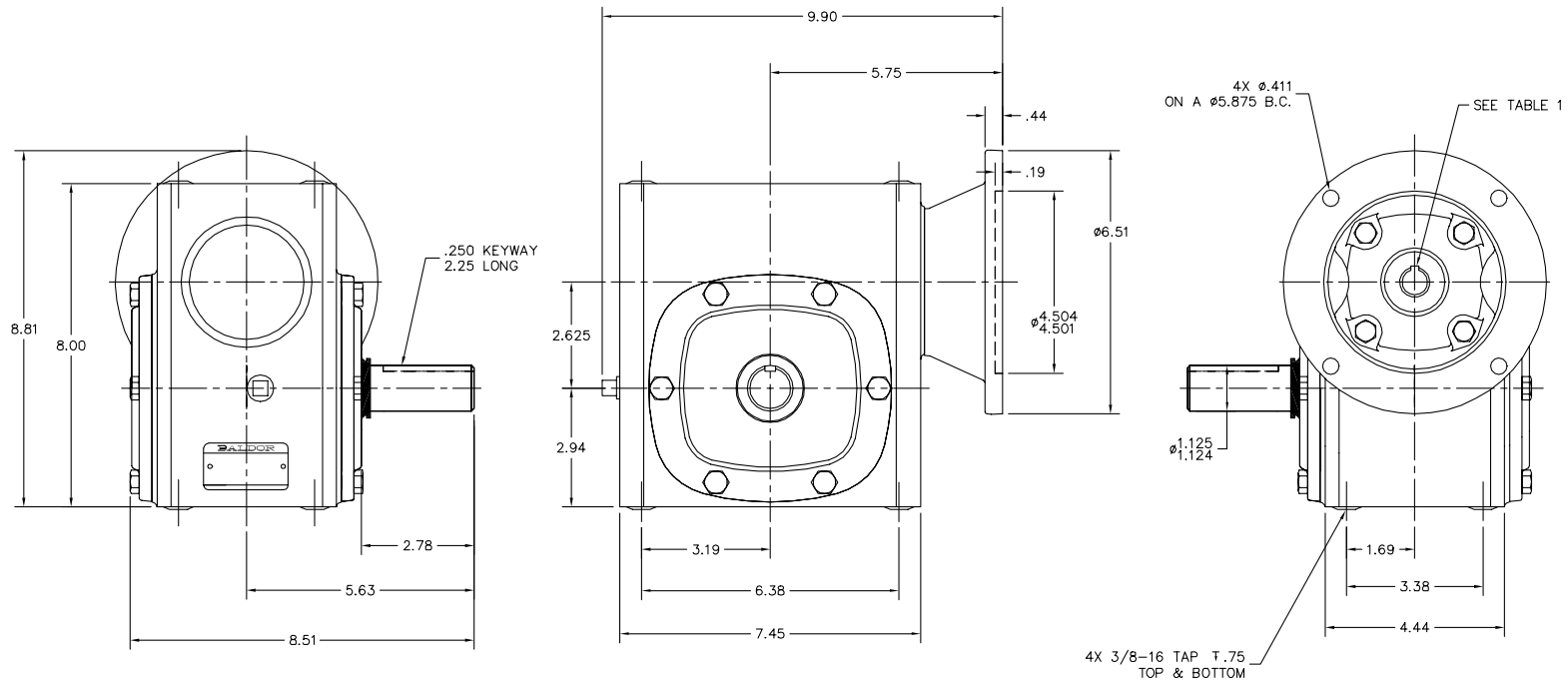


TABLE 1:

|    | BORE | KEYWAY |
|----|------|--------|
| B5 | .625 | .188   |
| B7 | .875 | .188   |

|  |  |                   |                |   |                              |                   |  |
|--|--|-------------------|----------------|---|------------------------------|-------------------|--|
| CUST. NAME:  |  | CUST. P.O.:       |                | REV. DESC: CHANGED OUTPUT DIAMETER TOLERANCES |                              |                   | <b>BALDOR • DODGE • RELIANCE</b>               |
| MODEL:   |  | CATALOG/SPEC NO.: |                | REV. LTR: D                                   | VERSION: 04                  | TDR: 000000513268 |  |
| RATIO:   |  | MAX. INPUT HP:    | OUTPUT TORQUE: | FILE: \CKA\00010\104                          | REVISED: 10:27:49 10/06/2009 | BY: CKBRISO       | WDF-926-B5/B7-G STANDARD MOUNTING<br>SH 1 of 1 |
| RATINGS ARE AGMA CLASS 1 SERVICE AT 1750 RPM INPUT |  |                   | CERTIFIED BY:  | MTL: -  |                              |                   |  |

GY0206A01



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## REDUCER INSTALLATION, MAINTENANCE AND LUBRICATION

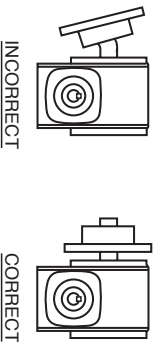
Baldor reducers achieve maximum performance and life when installed properly. Please follow these instructions carefully.

### INSTALLATION

Baldor reducers filled with Kluber Klubersynth UH1-6-460 synthetic lubricant are ready for immediate use. These reducers are completely sealed and require no breather vents. The design and synthetic lubrication allow efficient operation to reduce operating temperature and minimize internal pressure build up. The reducer has been filled with the correct amount of oil for all approved mounting positions. Do not add or remove any oil during installation or after the break-in period.

Mount the reducer on a flat surface, to assure proper bolt tension and prevent damage to the mounting base. When direct coupling the reducer to the driven machine, carefully align the reducer output shaft to the input shaft of the driven machine. These shafts must be connected with a flexible coupling.

Power transmission components, such as sprockets, gears, or sheaves, mounted on the reducer shafts produce overhung loads. Mount these components as close as possible to the reducer with the hub facing outward. This mounting minimizes the load on the reducer shaft and bearings for increased life. Carefully align these components with their counterparts on the driven machine.



### MAINTENANCE

Baldor reducers require no periodic maintenance. Visual inspection (for oil leakage and general operating condition) and a simple cleaning to remove dirt build up is recommended.

Accumulation of material on the reducer can lead to overheating and reduced life.

### LUBRICATION

Klubersynth UH1-6-460 is suitable for USDA Class H1 environments. This synthetic lubrication does not require periodic changing. The lubrication should only be replaced when maintenance is performed that requires disassembly. Use only Klubersynth UH1-6-460. This lubrication is suitable for a wide temperature range (-13° to 320° F). However, refer to “Operating Environment” section for the ambient operating temperature for Baldor speed reducers.

### MOUNTING POSITIONS

Because Baldor speed reducers do not require a breather vent, they are suitable for mounting in a wide variety of mounting positions without modification.

Avoiding those positions where the high-speed (input) oil seal is immersed in oil, will provide greater security against high-speed (input) seal wear. For maximum seal life, the reducer should be mounted with the high-speed (input) shaft as high as possible above the low-speed (output) shaft. Since the high-speed (input) oil seal experiences more revolutions than the output, it will also experience more heat and more wear. When the speed reducer is mounted in a manner where the high-speed (input) seal is below the oil level, and the seal is nearing the end of its useful life, the steady head of oil on the seal will result in a leak. If the reducer is mounted with the high-speed (input) seal above the oil level it may not leak even when the seal has reached the end of its useful life.

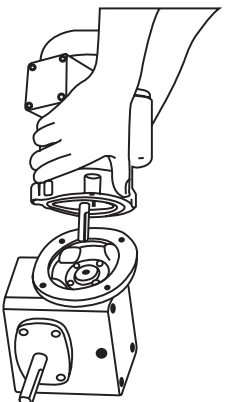
### OPERATING ENVIRONMENT

Baldor Reducers are designed to operate in ambient temperatures of -10°F to 100°F. The oil sump temperature of the reducer must not exceed 200°F. Consult the factory for applications requiring ambient operating temperature outside this range.

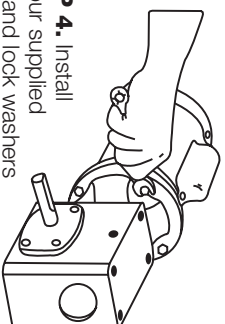
The input horsepower rating shown on the nameplate of each Baldor speed reducer is the continuous mechanical rating of 1.0 service factor at 1750 RPM. Before placing the reducer into service, confirm that its horsepower rating is consistent with the motor horsepower and desired service factor. Service factor and speed reducer ratings can be found in your Baldor Gear Product brochure, BR1600.

**“C” FLANGE – HOLLOW BORE WORM STYLE:**

**STEP 1.** Position key in reducer worm bore.  
**STEP 2.** Apply anti-seize compound to the motor shaft.  
**STEP 3.** Line up the key with the key slot and slip the motor shaft in the reducer worm bore.



**STEP 4.** Install the four supplied bolts and lock washers and tighten bolts evenly for a solid fit between motor and “C” flange.



**EXTENDED “C” FLANGE WITH FLEXIBLE COUPLING STYLE:**

- STEP 1.** Mount one coupling half on motor shaft so that the coupling half and end of key are flush with end of motor shaft. (See Drawing A).
- STEP 2.** Tighten coupling setscrews. (Thread locking compound is recommended on all coupling setscrews.)
- STEP 3.** Measure the distance from inner face of coupling to motor mounting surface. (See Drawing A “L”).
- STEP 4.** Mount other coupling half on the reducer input shaft so the coupling end measures the same distance “L” to the mounting surface of the “C” flange. (See Drawing B “L”)
- STEP 5.** Tighten setscrews.

Follow the lubrication directions.

