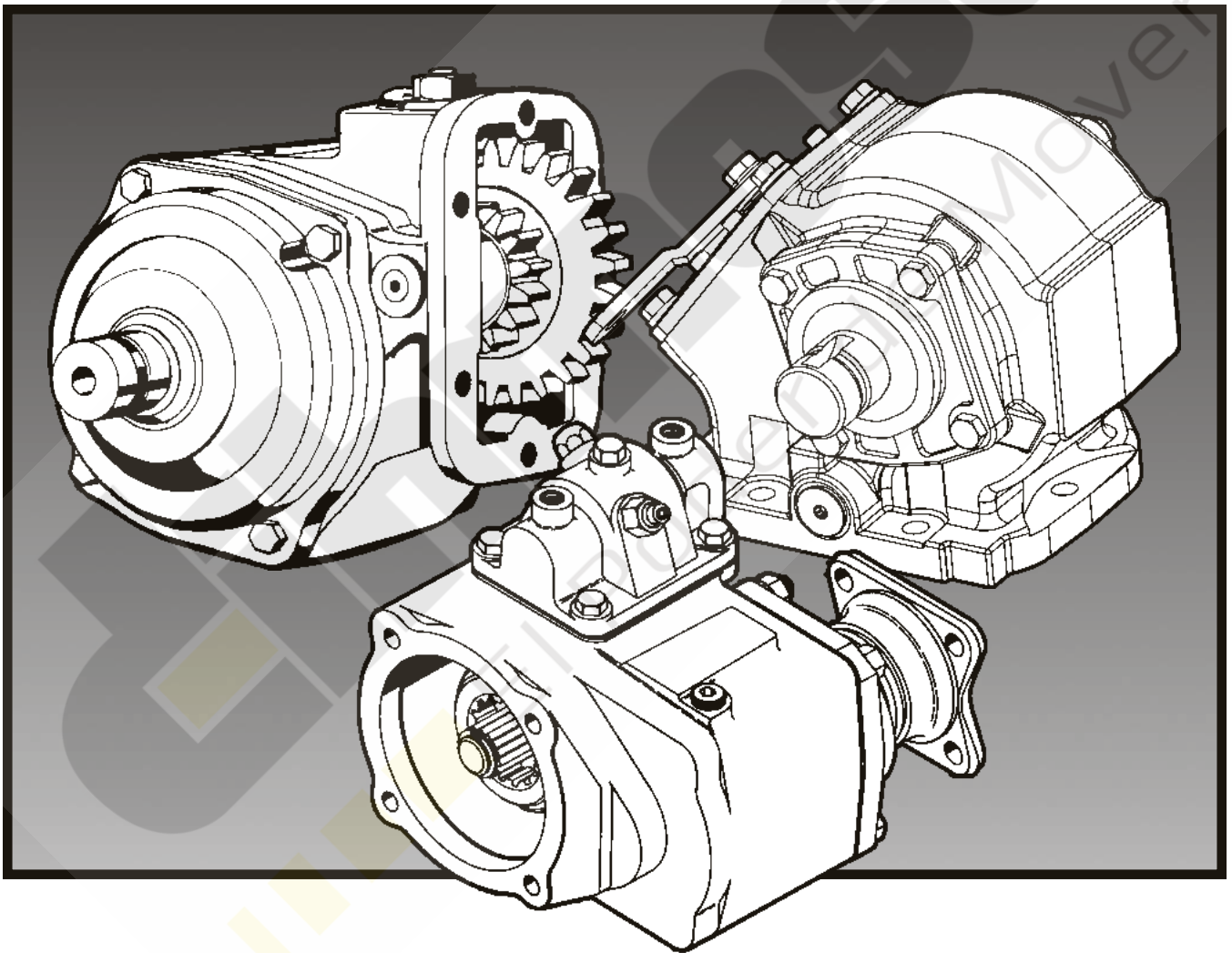


## Parts List 429 Series

Effective: March 15, 2006  
Supersedes: May 15, 2005

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Exploded View ..... 1

Bill of Materials ..... 2-3

Lever Shift Control Assembly – Assembly 5 ..... 4

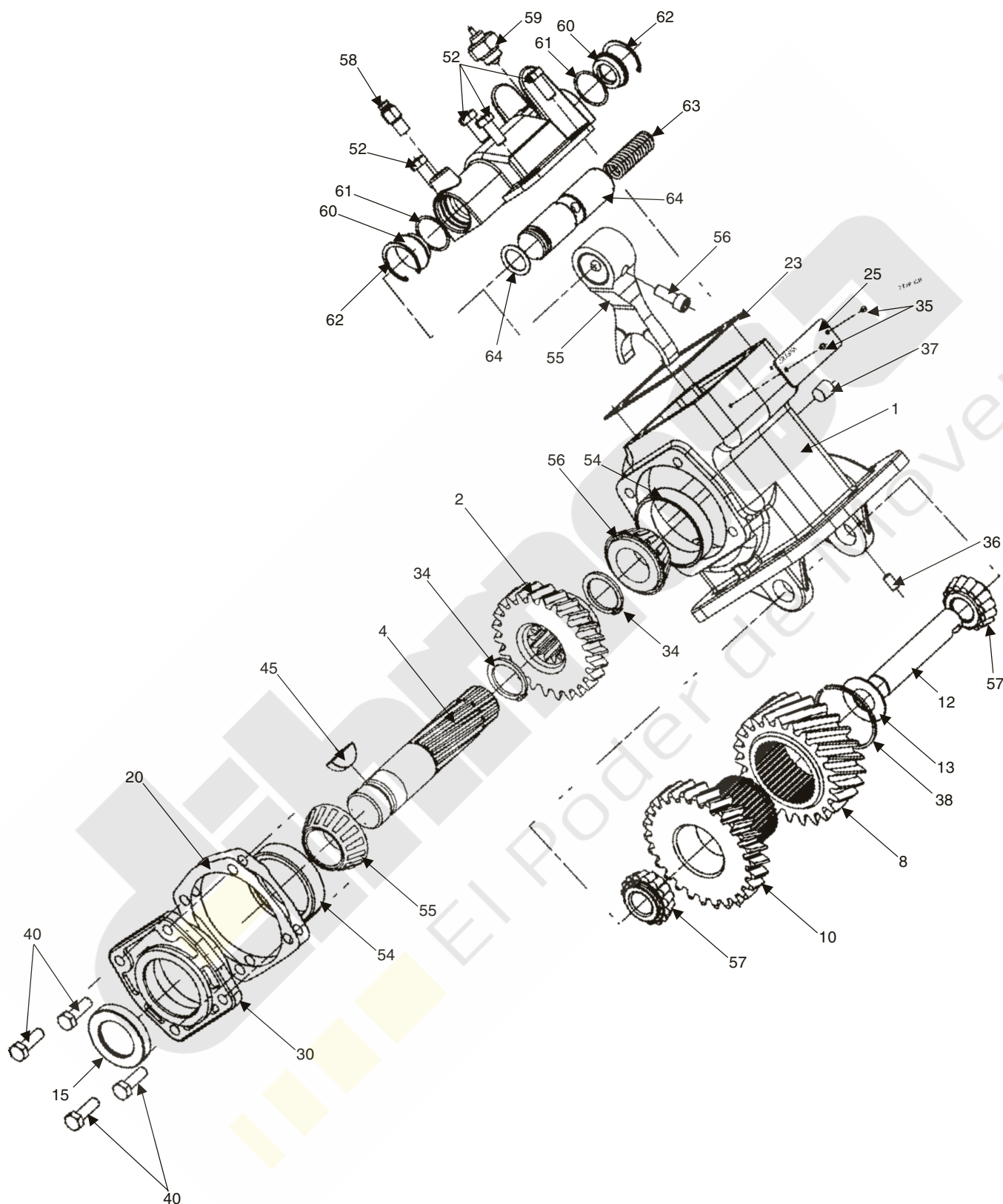
Pump Conversion Kit Bill of Material ..... 5

Input Gear Chart ..... 5

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**Bill of Materials****Power Take-Off****429 Series**

| Item | Part Number                                                           | Description                                                                                                                                                                         | Quantity |
|------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1    | <b>1-P-539</b>                                                        | PTO Housing .....                                                                                                                                                                   | 1        |
| 2    | <b>2-P-559</b>                                                        | Output Gear .....                                                                                                                                                                   | 1        |
| 4    | See Below<br><b>3-P-202</b><br><a href="#">See Page 5</a>             | <b>Output Shaft</b> .....<br>Output Shaft ("XD" Output Only)<br>Output Shaft (All Other Outputs)                                                                                    | 1        |
| 8    | <b>5-P-1226</b>                                                       | Input Ratio gear .....                                                                                                                                                              | 1        |
| 10   | <a href="#">See Page 5</a>                                            | Input Gear .....                                                                                                                                                                    | 1        |
| 12   | <b>9-P-72</b>                                                         | Idler Shaft .....                                                                                                                                                                   | 1        |
| 13   | <b>14-P-15</b>                                                        | Input Gear Spacers .....                                                                                                                                                            | A.R.     |
| 15   | See Below<br><b>28-P-216</b><br><a href="#">See Page 5</a>            | Oil Seal .....<br>Oil Seal ("XD" Output Only)<br>Oil Seal (All Other Outputs) .....                                                                                                 | 1        |
| 20   | <b>22-P-24-1</b><br><b>22-P-24-2</b><br><b>22-P-24-3</b>              | Bearing Cap Gasket (.010) .....<br>Bearing Cap Gasket (.020)<br>Bearing Cap Gasket (.015)                                                                                           | A.R.     |
| 23   | <b>35-P-8</b>                                                         | Shifter Cover Gasket .....                                                                                                                                                          | 2        |
| 25   | <b>68-P-2</b>                                                         | Name Plate (USA) .....                                                                                                                                                              | 1        |
| 30   | See Below<br><b>328273X</b><br><a href="#">See Page 5</a>             | Bearing Cap (Output Side) .....<br>Bearing Cap Assembly ("XD" Output Only)<br>Bearing Cap Assembly (All Other Outputs)                                                              | 1        |
| 34   | <b>378391</b>                                                         | Lockring .....                                                                                                                                                                      | 2        |
| 35   | <b>378422</b>                                                         | Drive Screw .....                                                                                                                                                                   | 2        |
| 36   | <b>378452-7</b>                                                       | Set Screw .250-20 x .500 .....                                                                                                                                                      | 1        |
| 37   | <b>378888</b>                                                         | Pipe Plug Hex Socket .250-18 NPTF .....                                                                                                                                             | 1        |
| 38   | <b>379522</b>                                                         | Lockring (Input Gear) .....                                                                                                                                                         | 1        |
| 40   | See Below<br><b>378430-10</b><br><a href="#">See Page 5</a>           | Capscrew (Output Bearing Cap) .....<br>Hex. Capscrew .312-18 x 1.00 ("XD" Output Only)<br>Capscrew (All Other Outputs)                                                              | 4        |
| 45   | <b>500007-29</b>                                                      | Woodruff Key ("XD" Output Only) .....                                                                                                                                               | 1        |
| 47   | See Below<br><b>329361X</b><br><br><b>329121-2X</b><br><b>5-A-188</b> | Shifter Assembly .....<br>Air Shift Cover Ass'y ("A", "P", "Q" Shifter Type)<br><br>Wire Shift Cover Assembly ("W" Shifter Type)<br>Spacer, Shifter Cover (With Wire Shifter) ..... | 1        |
| 52   | See Below<br><b>378430-9</b><br><b>378430-10</b>                      | Cap Screw, Hex Head (Shifter Cover) .....<br>Cap Screw, Hex Head (.312-18 x .875) ("A", "P", "Q", "Z" Shifter Type)<br>Cap Screw, Hex Head (.312-18 x 1.00) ("W" Shifter Type)      | 4        |
| 54   | <b>550221</b>                                                         | Bearing Cup .....                                                                                                                                                                   | 2        |
| 55   | <b>550397</b>                                                         | Bearing Cone .....                                                                                                                                                                  | 1        |
| 56   | <b>550532</b>                                                         | Bearing Cone .....                                                                                                                                                                  | 1        |
| 57   | <b>560979</b>                                                         | Bearing Cone .....                                                                                                                                                                  | 2        |
| 58   | <b>379904</b>                                                         | Push Connect, for 1/4" tubing .....                                                                                                                                                 | 1        |
| 59   | <b>379639</b>                                                         | Indicator Switch .....                                                                                                                                                              | 1        |

A.R.—As Required

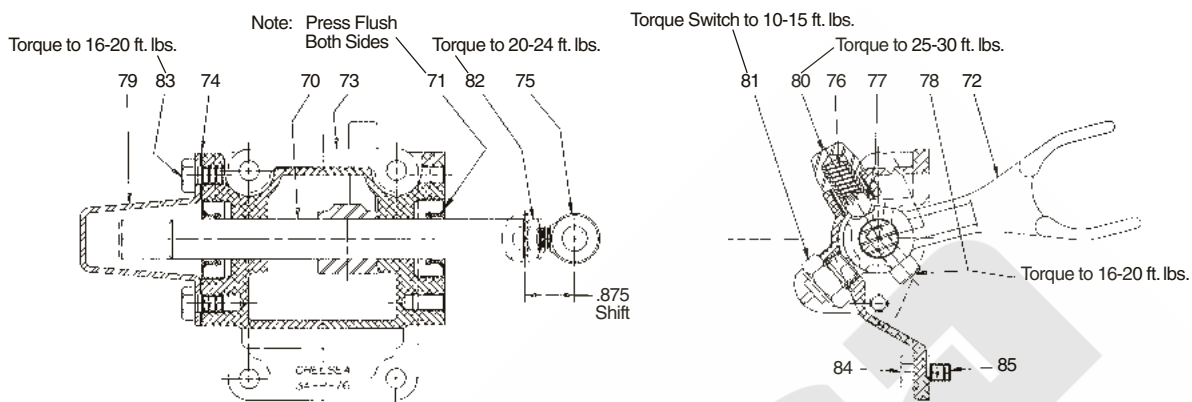
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**Bill of Materials****Power Take-Off****429 Series**

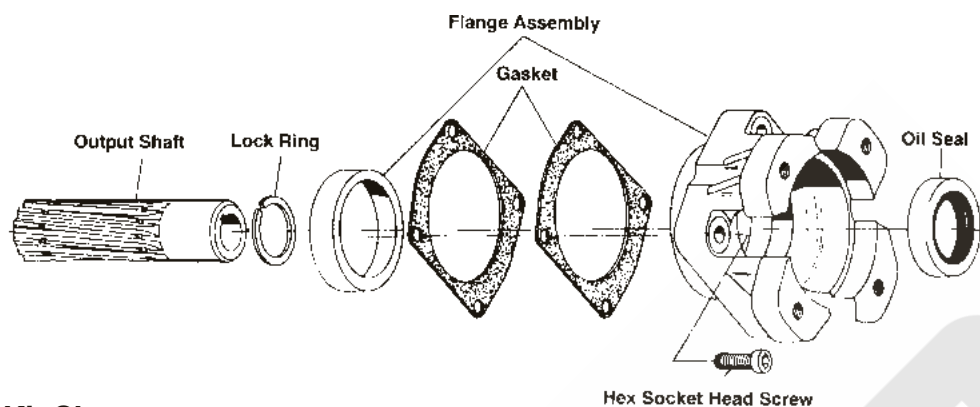
| Item | Part Number | Description                                     | Quantity |
|------|-------------|-------------------------------------------------|----------|
| 60   | 378315      | Cover Plug .....                                | 2        |
| 61   | 28-P-42     | O-Ring .....                                    | 2        |
| 62   | 378316      | Snap Ring .....                                 | 2        |
| 63   | 37-P-21     | Shifter Spring .....                            | 1        |
| 64   | 11-P-75     | Shaft, Shifter .....                            | 1        |
| 65   | 28-P-41     | O-Ring .....                                    | 1        |
|      |             | <b>Loose Parts</b>                              |          |
|      | 328388-37X  | Air Shift Installation Kit ( "A" Shifter) ..... | 1 or     |
|      | 328388-47X  | Air Shift Installation Kit ( "P" Shifter) ..... | 1 or     |
|      | 328388-48X  | Air Shift Installation Kit ( "Q" Shifter) ..... | 1 or     |
|      | 328751-1X   | Installation Kit ("W", "Y" Shifter Only) .....  | 1        |
|      | 328961-6X   | Gasket & Installation Instructions .....        | 1        |
|      | 7170-72X    | Mounting Kit "G" Mounting (Metric) .....        | 1        |
|      | 378441-10   | Wire Control Cable ("W" Shifter) .....          | 1        |
|      | 328380X     | Wire Control Parts Bag ("W" Shifter) .....      | 1        |
|      | 378502      | Wire Control Knob .....                         | 1        |

A.R.—As Required

**Lever Shift Control Assembly – Assembly 5**



| Item | Part Number      | Description                                                            | Quantity |
|------|------------------|------------------------------------------------------------------------|----------|
|      | <b>329035-2X</b> | <b>Optional Lever Shift</b>                                            |          |
|      |                  | Lever Shift Control Assembly (Assembly 5) (Includes Items 21-34) ..... | 1        |
| 70   | <b>11-P-112</b>  | Shaft, Shifter .....                                                   | 1        |
| 71   | <b>28-P-207</b>  | Oil Seal .....                                                         | 2        |
| 72   | <b>32-P-166</b>  | Shifter Fork .....                                                     | 1        |
| 73   | <b>34-P-87</b>   | Cover, Shifter .....                                                   | 1        |
| 74   | <b>35-P-14</b>   | Gasket .....                                                           | 1        |
| 75   | <b>36-P-1</b>    | Eye Bolt .....                                                         | 1        |
| 76   | <b>37-P-41</b>   | Spring, Shifter .....                                                  | 1        |
| 77   | <b>378002</b>    | Shifter Ball .....                                                     | 1        |
| 78   | <b>378447-4</b>  | Capscrew, Allen Head (.312"-18 x .750") .....                          | 1        |
| 79   | <b>35-P-23</b>   | Cover, Shifter Shaft .....                                             | 1        |
| 80   | <b>378554</b>    | Spring Cap .....                                                       | 1        |
| 81   | <b>379639</b>    | Indicator Switch .....                                                 | 1        |
| 82   | <b>500381-3</b>  | Nut, Hex .....                                                         | 1        |
| 83   | <b>368430-4</b>  | Capscrew, Hex Head (.312" x .500") .....                               | 2        |
| 84   | <b>378430-8</b>  | Capscrew, Hex Head (.312"-18 x .750") .....                            | 4        |
| 85   | <b>35-P-8</b>    | Gasket, Shifter Cover .....                                            | 1        |



## Conversion Kit Chart

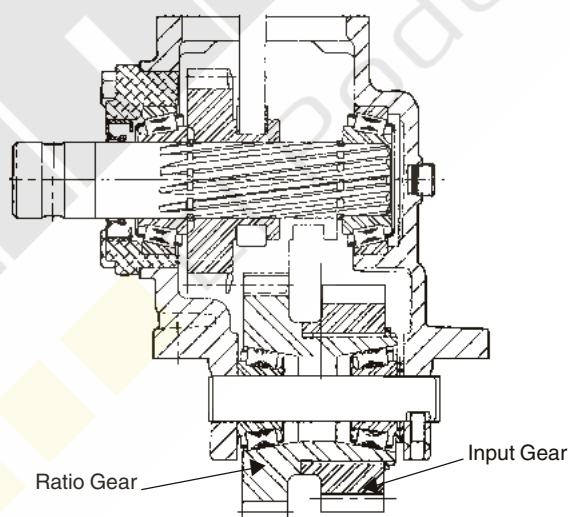
| Flange Suffix<br>"XD" To: | Conversion Kit * | Flange Assembly | Output Shaft | Hex Socket Head<br>Screw (4 Req'd) | Oil Seal |
|---------------------------|------------------|-----------------|--------------|------------------------------------|----------|
| RA                        | 328591-55X       | 329195X         | 3-P-283      | 378447-6 tt                        | 28-P-216 |
| RB                        | 328591-56X       | 329195X         | 3-P-283      | 378447-6 tt                        | 28-P-216 |
| RE                        | 328591-134X      | 379264X         | 3-P-924      | 378447-6 tt                        | 28-P-219 |
| RF                        | 328591-78X       | 329264X         | 3-P-924      | 378447-6 tt                        | 28-P-219 |
| XE                        | 328591-27X       | 328328X         | 3-P-800      | 378447-8                           | 28-P-216 |
| XQ                        | 328591-17X       | 328589X         | 3-P-282      | 378447-8                           | 28-P-216 |
| XR                        | 328591-52X       | 329194X         | 3-P-283      | 379673 t                           | 28-P-216 |

\* Consists of all items shown in the illustration, plus Lockring (item 5) and Bearing Cap Gasket (item 20).

t Special shoulder stud.

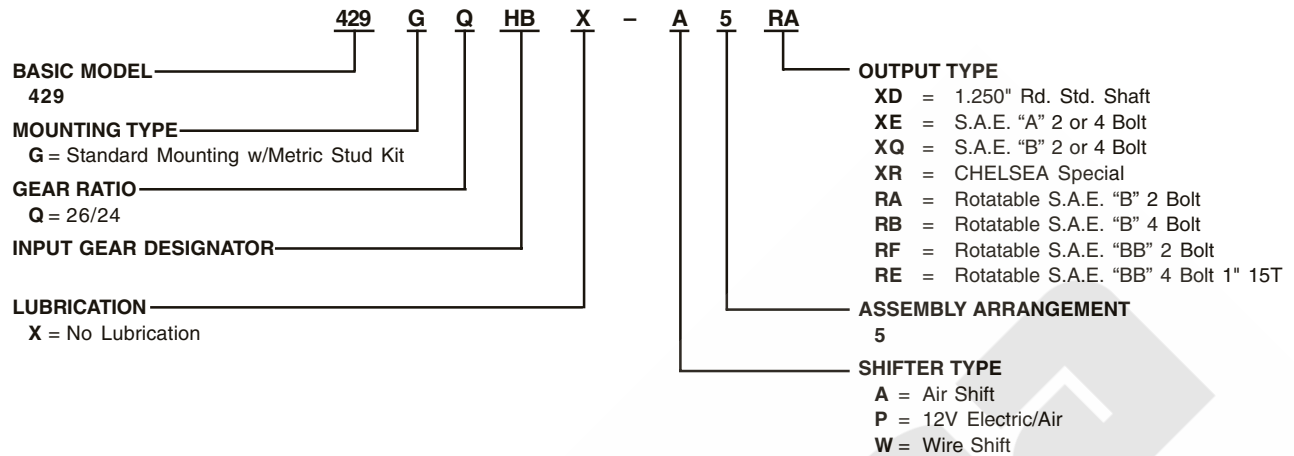
tt Seven required; four (4) to fasten the Flange Assembly 328195X to housing and three (3) to fasten the rotatable flange to the flange assembly.

## Input Gear Chart

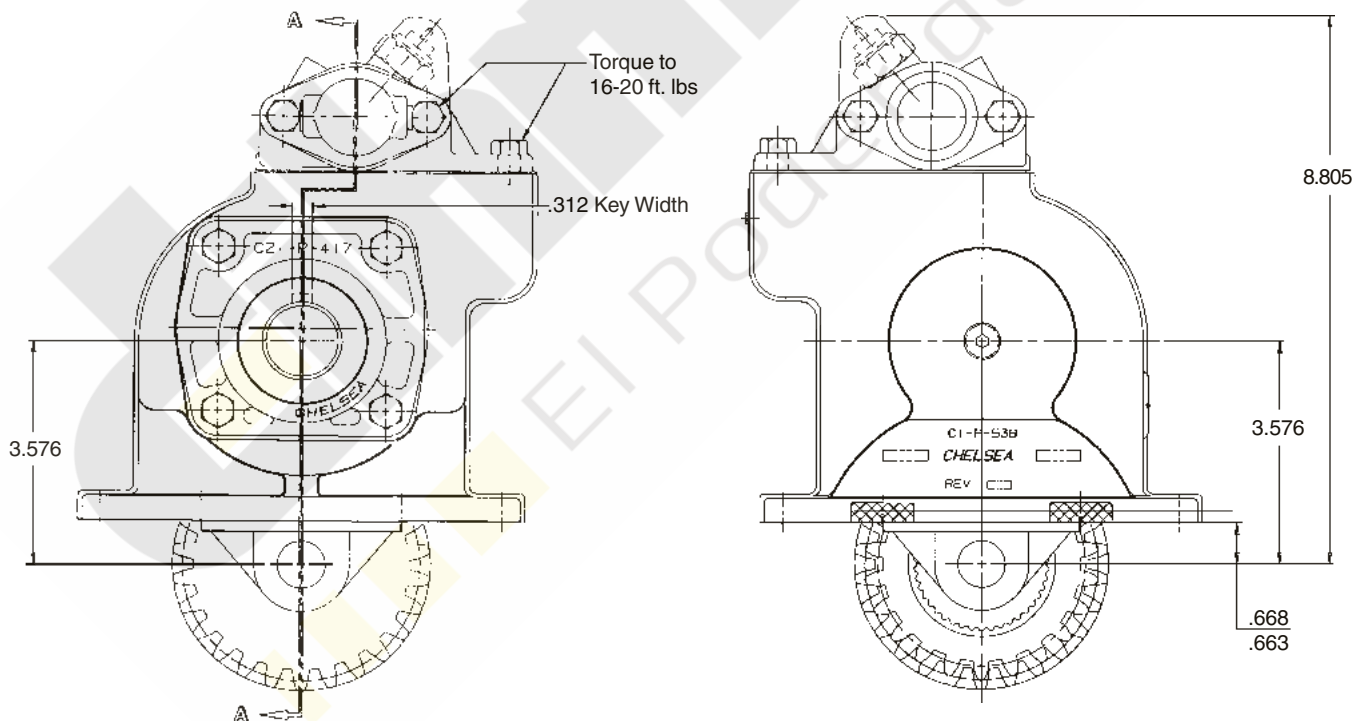


| P.T.O.<br>Model No. | Part<br>Number<br>Item 5 | Gear Type       | No. Teeth  |            | Transmission       |
|---------------------|--------------------------|-----------------|------------|------------|--------------------|
|                     |                          |                 | Input Gear | Ratio Gear |                    |
| 429GQHBX-*5**       | 5-P-1229                 | Left Hand Helix | 23         | 26         | M060S6-D, M070S6-D |
| 429GQHXC-*5**       | 5-P-1227                 | Left Hand Helix | 22         | 26         | M060S6, M060S6-OD  |
| 429GQHDX-*5**       | 5-P-1228                 | Left Hand Helix | 25         | 26         | M050S5, M050S6     |

## Model Number Designation



## Housing Dimensions



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**4. Warranty:** Seller warrants that the items sold hereunder shall be free from defects in material or workmanship for a period of:

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1/06-P

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El Poder de Mover



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