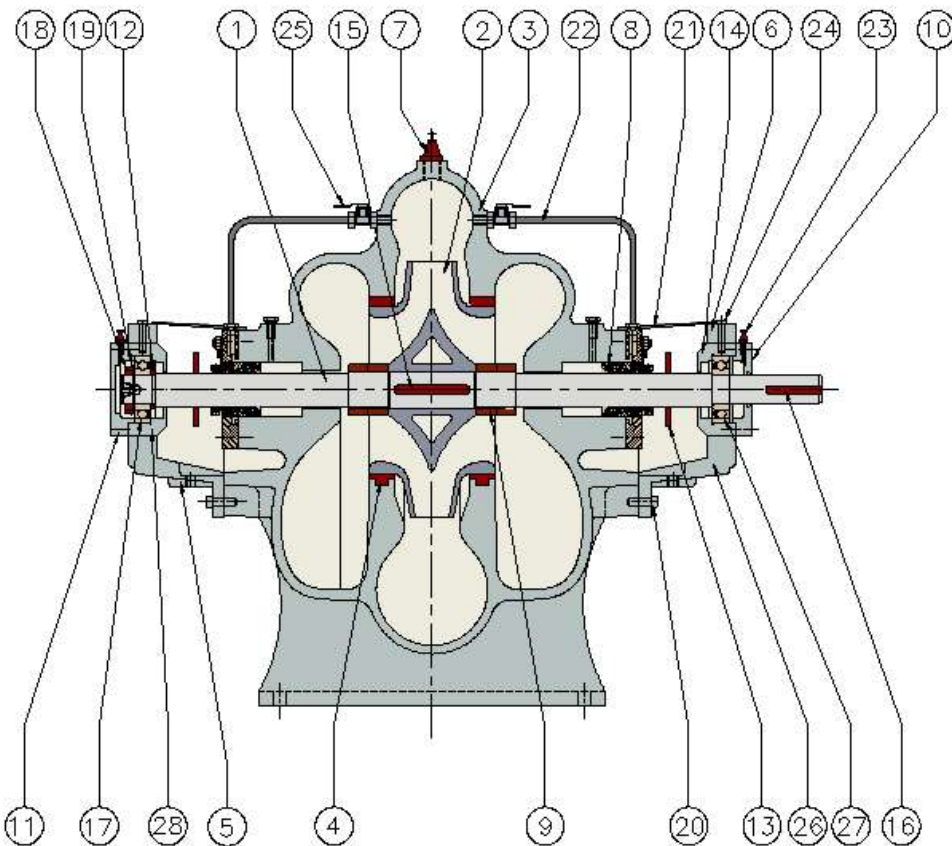


CROSS SECTIONAL DRAWING FOR SINGLE STAGE HORIZONTAL SPLIT CASE PUMP WITH CATRIDGE MECHANICAL SEALS



| SL.NO. | DESCRIPTION                       | QTY. | PART NO. |
|--------|-----------------------------------|------|----------|
| 1      | SHAFT                             | 1    | 153      |
| 2      | IMPELLER                          | 1    | 102      |
| 3      | CASING                            | 1    | 103      |
| 4      | CASING WEAR RING                  | 2    | 129      |
| 5      | BEARING BRACKET (F.E)             | 1    | 271      |
| 6      | BEARING TOP CLAMP                 | 2    | 255      |
| 7      | AIR COCK                          | 1    | 114      |
| 8      | BALANCED CATRIDGE MECHANICAL SEAL | 2    | 151      |
| 9      | IMPELLER LOCK NUT (L.H. & R.H.)   | 2+2  | 124      |
| 10     | BEARING END COVER OUTER (PE)      | 1    | 134      |
| 11     | BEARING END COVER OUTER (FE)      | 1    | 133      |
| 12     | THRUST COLLAR                     | 1    | 125      |
| 13     | WATER THROWER                     | 2    | 145      |
| 14     | BEARING HOUSING (P.E)             | 1    | 256      |
| 15     | IMPELLER KEY                      | 1    | 137      |
| 16     | COUPLING KEY                      | 1    | 138      |
| 17     | DEEP GROOVE BALL BEARING (F.E)    | 1    | 257      |
| 18     | BEARING LOCK NUT                  | 1    | 141      |
| 19     | BEARING LOCK WASHER               | 1    | 142      |
| 20     | DOWEL PIN FOR BEARING BRACKET     | 2    | 245      |
| 21     | SHAFT GUARD                       | 2    | 252      |
| 22     | SEAL FLUSHING LINE                | 2    | 118      |
| 23     | GREASE NIPPLE                     | 2    | 258      |
| 24     | LOCKING PIN FOR TOP CLAMP         | 2    | 259      |
| 25     | BALL VALVE                        | 2    | -        |
| 26     | BEARING BRACKET (P.E)             | 1    | 254      |
| 27     | DEEP GROOVE BALL BEARING (P.E)    | 1    | 272      |
| 28     | BEARING HOUSING (F.E)             | 1    | 270      |

↔ P.E- POWER END , F.E -FREE END.

**FISHER PUMP**

|      |    |          |                           |
|------|----|----------|---------------------------|
| DRN  | AD | 17.12.15 | ASSEMBLY NO.<br>MS-06-274 |
| APPD | HS | REV      |                           |
|      |    | 0        |                           |