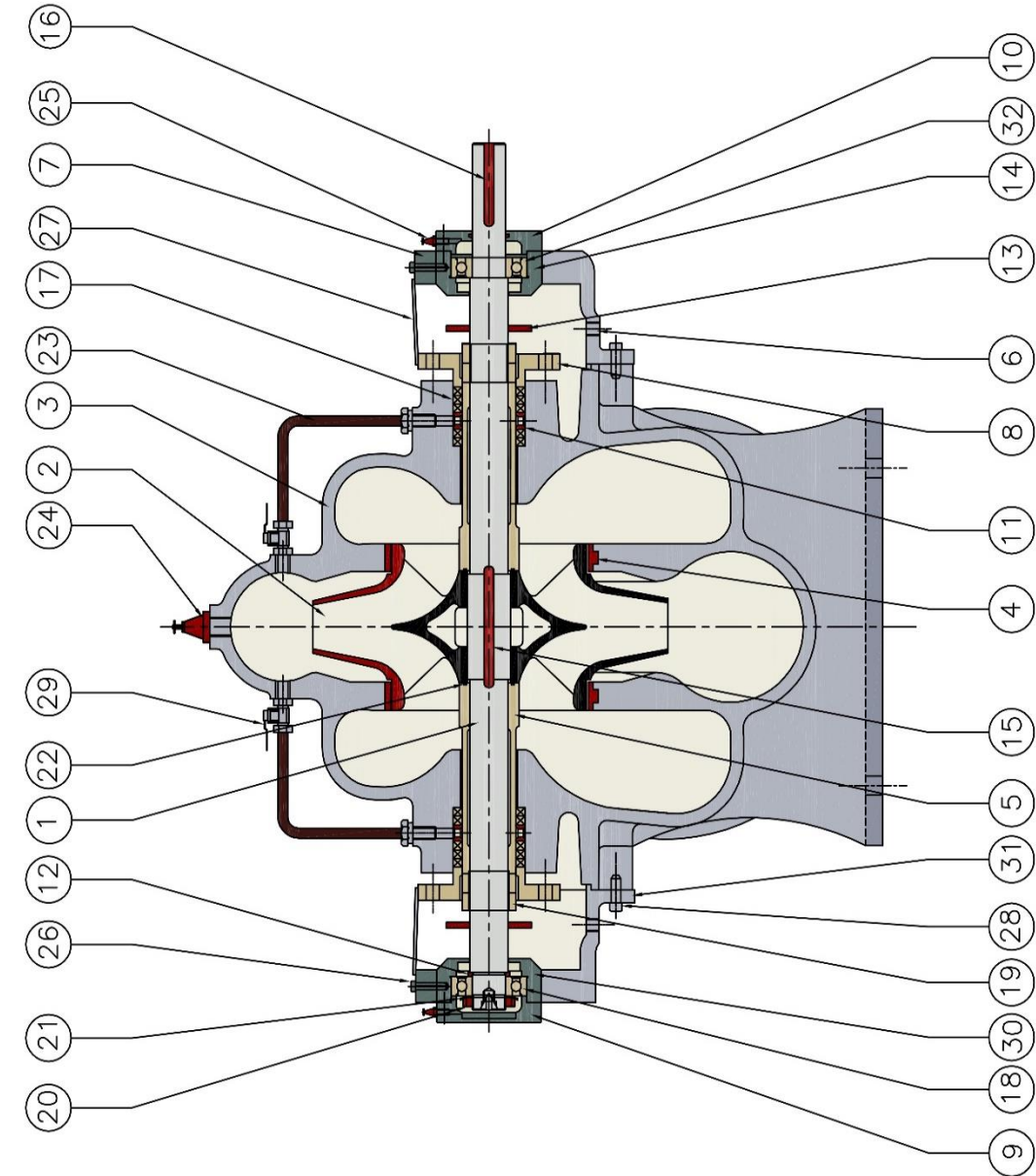



CROSS SECTIONAL DRAWING FOR SINGLE STAGE HORIZONTAL SPLIT CASE PUMP WITH PACKED GLAND



S/L NO.	DESCRIPTION	QTY.	PART NO.
1	SHAFT	1	101
2	IMPELLER	1	102
3	CASING	1	183
4	CASING WEAR RING	2	129
5	SHAFT SLEEVE	2	150
6	BEARING BRACKET (P.E)	1	254
7	BEARING BRACKET TOP CLAMP	2	255
8	SPLIT GLAND	2	144
9	BEARING END COVER (F.E.)	1	133
10	BEARING END COVER (P.E.)	1	134
11	LANTERN RING	2	149
12	THRUST COLLAR	1	125
13	WATER THROWER	2	145
14	BEARING HOUSING (P.E)	1	256
15	IMPELLER KEY	1	180
16	COUPLING KEY	1	138
17	GLAND PACKING	-	143
18	DEEP GROOVE BALL BEARING (F.E)	1	257
19	SLEEVE NUT (L.H & R.H)	2+2	146
20	LOCK NUT	1	141
21	LOCK WASHER	1	142
22	'O'-RING (SLEEVE)	2	156
23	SEAL FLUSHING LINE	2	118
24	AIR RELEASE COCK	1	114
25	GREASE NIPPLE	2	258
26	LOCKING PIN FOR TOP CLAMP	2	259
27	SHAFT GUARD	2	252
28	DOWEL PIN FOR BEARING BRACKET	4	245
29	BALL VALVE	2	-
30	BEARING HOUSING (F.E)	1	270
31	BEARING BRACKET (F.E)	1	271
32	DEEP GROOVE BALL BEARING (P.E)	1	272

** P.E- POWER END , F.E -FREE END.

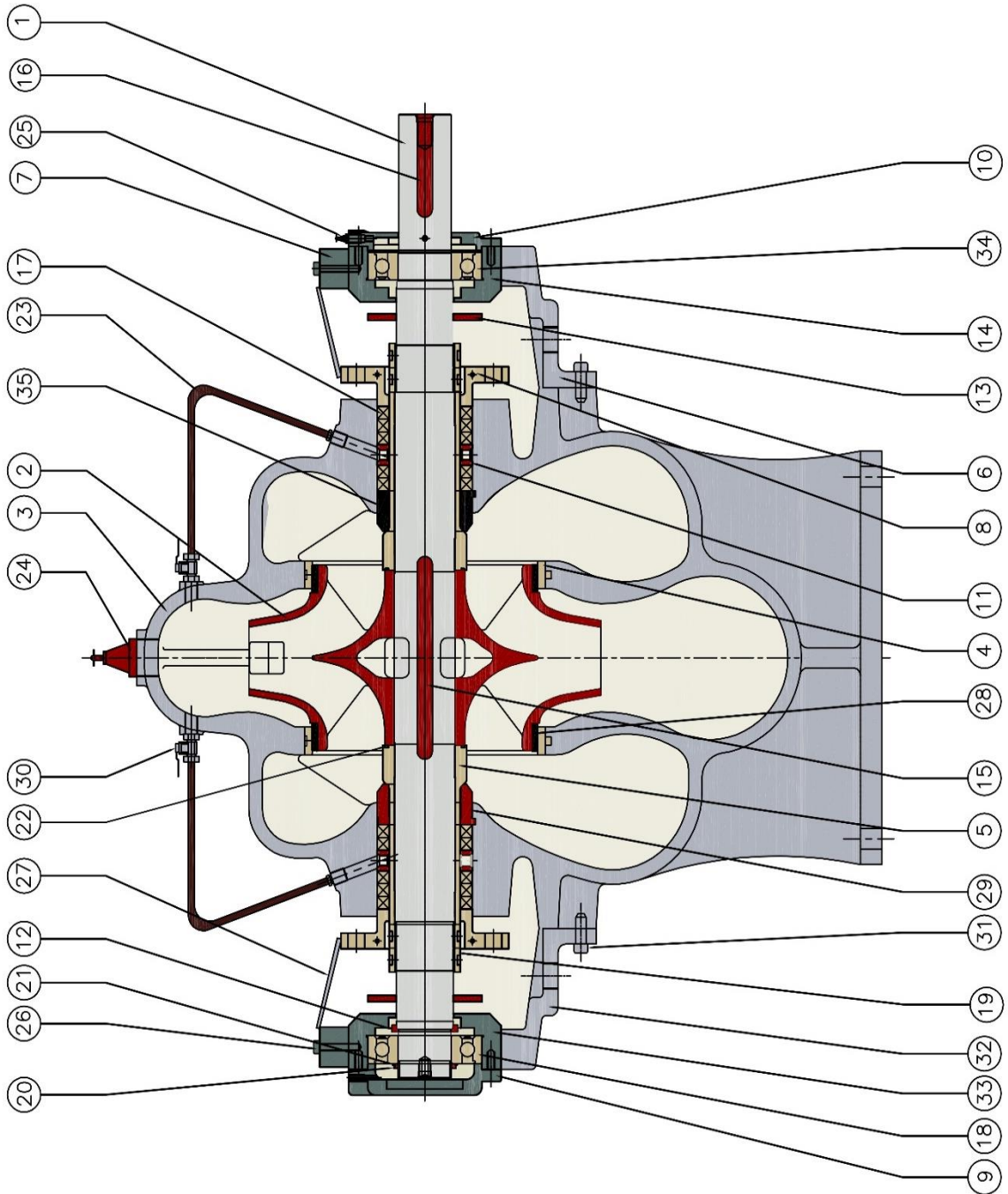


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DRN	AD	17.12.15	ASSEMBLY NO.
APPD	HS	REV	PG-01-263
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CROSS SECTIONAL DRAWING FOR SINGLE STAGE HORIZONTAL SPLIT CASE PUMP WITH PACKED GLAND
AND IMPELLER WEAR RING

SL.NO.	DESCRIPTION	QTY.	PART NO.
1	SHAFT	1	101
2	IMPELLER	1	102
3	CASING	1	183
4	CASING WEAR RING	2	129
5	SHAFT SLEEVE	2	150
6	BEARING BRACKET (P.E)	1	254
7	BEARING BRACKET TOP CLAMP	2	255
8	SPLIT GLAND	2	144
9	BEARING END COVER (F.E.)	1	133
10	BEARING END COVER (P.E.)	1	134
11	LANTERN RING	2	149
12	THRUST COLLAR	1	125
13	WATER THROWER	2	145
14	BEARING HOUSING (P.E)	1	256
15	IMPELLER KEY	1	180
16	COUPLING KEY	1	138
17	GLAND PACKING	-	143
18	DEEP GROOVE BALL BEARING (F.E)	1	257
19	SLEEVE NUT (L.H & R.H)	2+2	146
20	BEARING LOCK NUT	1	141
21	BEARING LOCK WASHER	1	142
22	'O'-RING FOR SLEEVE	2	156
23	SEAL FLUSHING LINE	2	118
24	AIR RELEASE COCK	1	114
25	GREASE NIPPLE	2	258
26	LOCKING PIN	2	259
27	SHAFT GUARD	2	252
28	IMPELLER WEAR RING	2	168
29	STUFFING BOX BUSH (F.E)	1	292
30	BALL VALVE	2	-
31	DOWEL PIN FOR BEARING BRACKET	4	245
32	BEARING BRACKET (F.E)	1	271
33	BEARING HOUSING (F.E)	1	270
34	DEEP GROOVE BALL BEARING (P.E)	1	272
35	STUFFING BOX BUSH (P.E)	1	260



** P.E.- POWER END , F.E -FREE END.

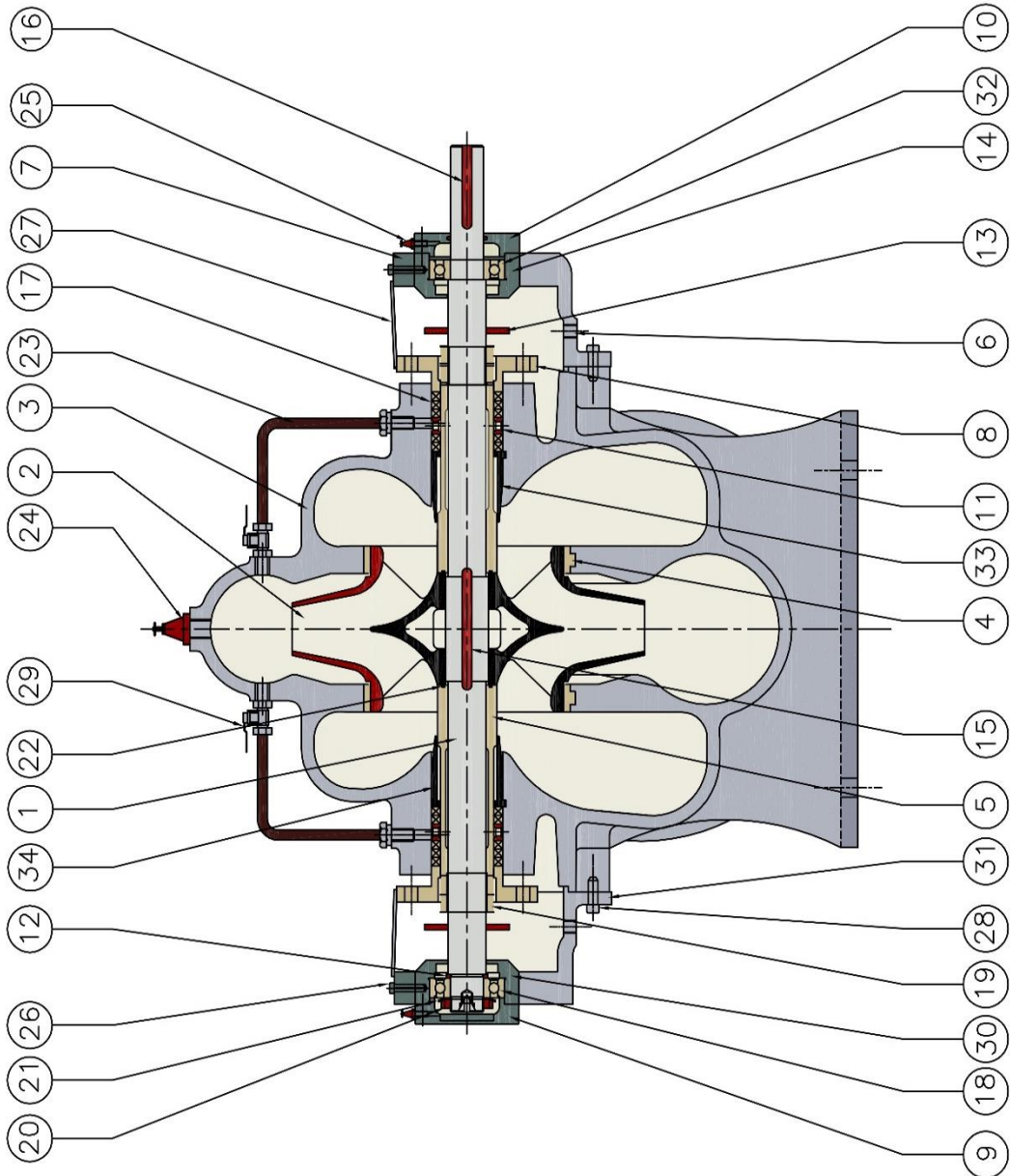
PUMPSENSE

DRN	AD	17.12.15	ASSEMBLY NO.
APPD	HS	REV	0
			PGR-02-263

CROSS SECTIONAL DRAWING FOR SINGLE STAGE HORIZONTAL SPLIT CASE PUMP WITH PACKED GLAND
& STUFFING BOX BUSH

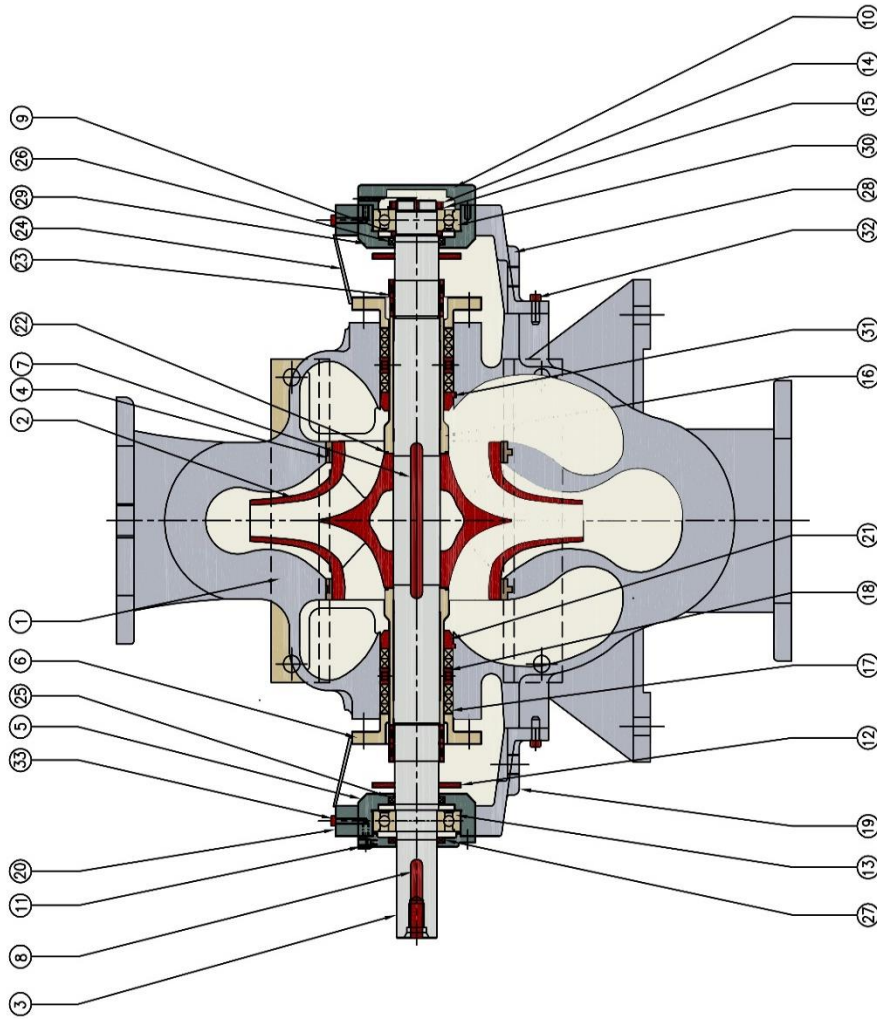
SL.NO.	DESCRIPTION	QTY.	PART NO.
1	SHAFT	1	101
2	IMPELLER	1	102
3	CASING	1	183
4	CASING WEAR RING	2	129
5	SHAFT SLEEVE	2	150
6	BEARING BRACKET (P.E)	1	254
7	BEARING BRACKET TOP CLAMP	2	255
8	SPLIT GLAND	2	144
9	BEARING END COVER (F.E.)	1	133
10	BEARING END COVER (P.E.)	1	134
11	LANTERN RING	2	149
12	THRUST COLLAR	1	125
13	WATER THROWER	2	145
14	BEARING HOUSING (P.E)	1	256
15	IMPELLER KEY	1	180
16	COUPLING KEY	1	138
17	GLAND PACKING	-	143
18	DEEP GROOVE BALL BEARING (F.E)	1	257
19	SLEEVE NUT (L.H & R.H)	2+2	146
20	LOCK NUT	1	141
21	LOCK WASHER	1	142
22	'O'-RING (SLEEVE)	2	156
23	SEAL FLUSHING LINE	2	118
24	AIR RELEASE COCK	1	114
25	GREASE NIPPLE	2	258
26	LOCKING PIN FOR TOP CLAMP	2	259
27	SHAFT GUARD	2	252
28	DOWEL PIN FOR BEARING BRACKET	4	245
29	BALL VALVE	2	-
30	BEARING HOUSING (F.E)	1	270
31	BEARING BRACKET (F.E)	1	271
32	DEEP GROOVE BALL BEARING (P.E)	1	272
33	STUFFING BOX BUSH (P.E)	1	260
34	STUFFING BOX BUSH (F.E)	1	292

** P.E.- POWER END , F.E -FREE END.




DRN	AD	17.12.15	ASSEMBLY NO.	
APPD	HS	REV	PG-01-263	
			0	

CROSS SECTIONAL DRAWING FOR SINGLE STAGE HORIZONTAL SPLIT CASE BOTTOM SUCTION/TOP DELIVERY PUMP WITH PACKED GLAND



SL.NO.	DESCRIPTION	QTY.	PART NO.
1	CASING	1	183
2	IMPELLER	1	102
3	SHAFT	1	101
4	CASING WEAR RING	2	129
5	BEARING HOUSING (P.E)	1	256
6	SPLIT GLAND	2	144
7	IMPELLER KEY	1	180
8	COUPLING KEY	1	138
9	THRUST COLLAR	1	125
10	BEARING END COVER (F.E.)	1	133
11	BEARING END COVER (P.E.)	1	134
12	WATER THROWER	2	145
13	DEEP GROOVE BALL BEARING (P.E)	1	272
14	BEARING LOCK NUT	1	141
15	BEARING LOCKING WASHER	1	142
16	SHAFT SLEEVE	2	150
17	GLAND PACKING	-	143
18	LANTERN RING	1	149
19	BEARING BRACKET (P.E)	1	254
20	BEARING BRACKET TOP CLAMP	2	255
21	STUFFING BOX BUSH (P.E)	1	260
22	'O' RING FOR SHAFT SLEEVE	2	156
23	SLEEVE NUT (L.H & R.H)	2+2	146
24	SHAFT GUARD	2	252
25	OIL SEAL FOR BEARING HOUSING (PE)	1	265
26	OIL SEAL FOR BEARING HOUSING (FE)	1	261
27	OIL SEAL FOR BEARING END COVER (PE)	1	278
28	BEARING BRACKET (F.E)	1	271
29	BEARING HOUSING (F.E)	1	270
30	DEEP GROOVE BALL BEARING (F.E)	1	257
31	STUFFING BOX BUSH (F.E)	1	292
32	DOWEL PIN FOR BEARING BRACKET	4	245
33	LOCKING PIN FOR TOP CLAMP	2	259

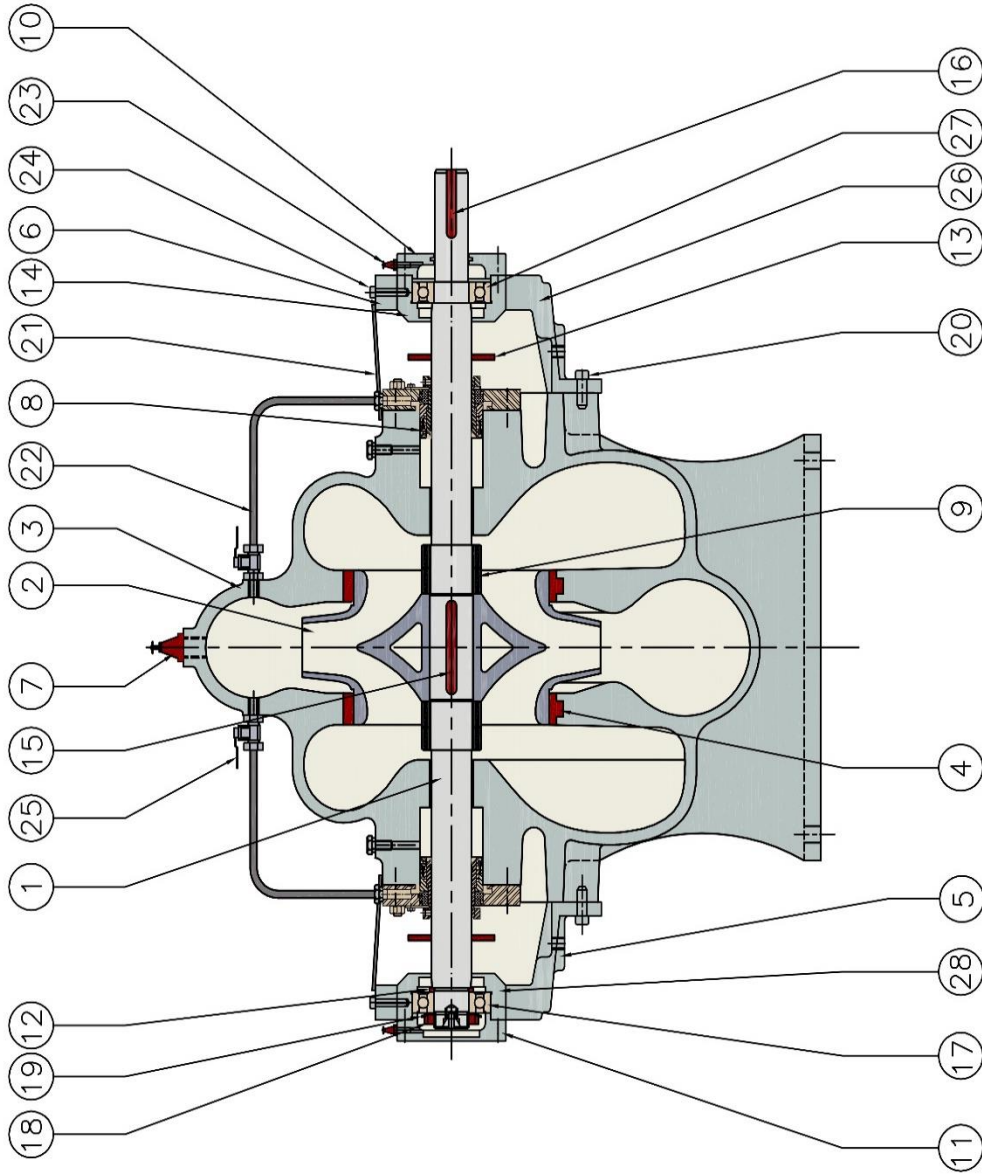
*** P.E - POWER END , F.E -FREE END.



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DRN	AD	17.12.15	ASSEMBLY NO.
APPD	HS	REV	BSTD-15-263
		0	

CROSS SECTIONAL DRAWING FOR SINGLE STAGE HORIZONTAL SPLIT CASE PUMP WITH
 CARTIDGE 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	4	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.



PUMPSENSE

DRN	AD	17.12.15	ASSEMBLY NO. MS-06-274
APPD	HS	REV	
		0	