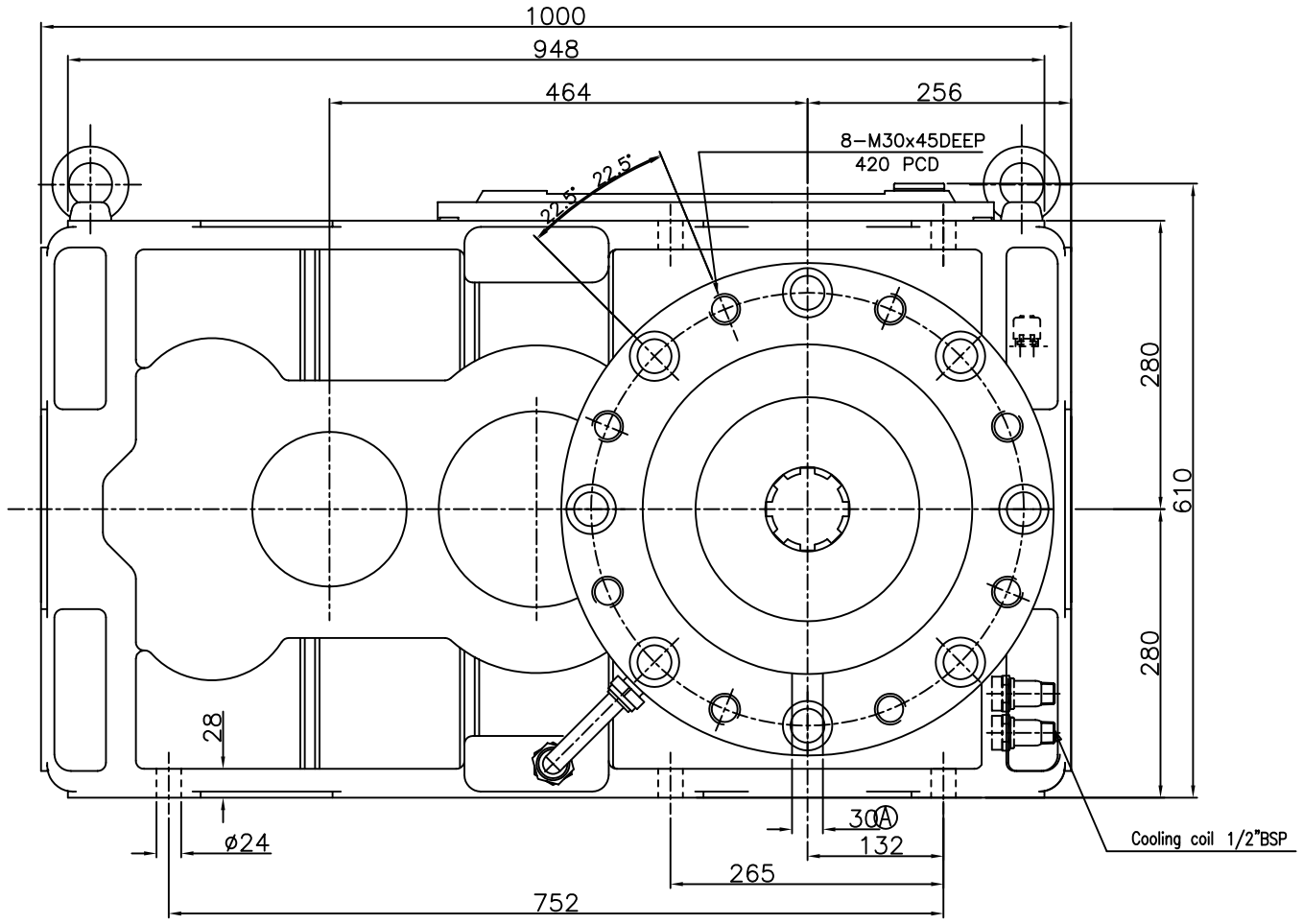
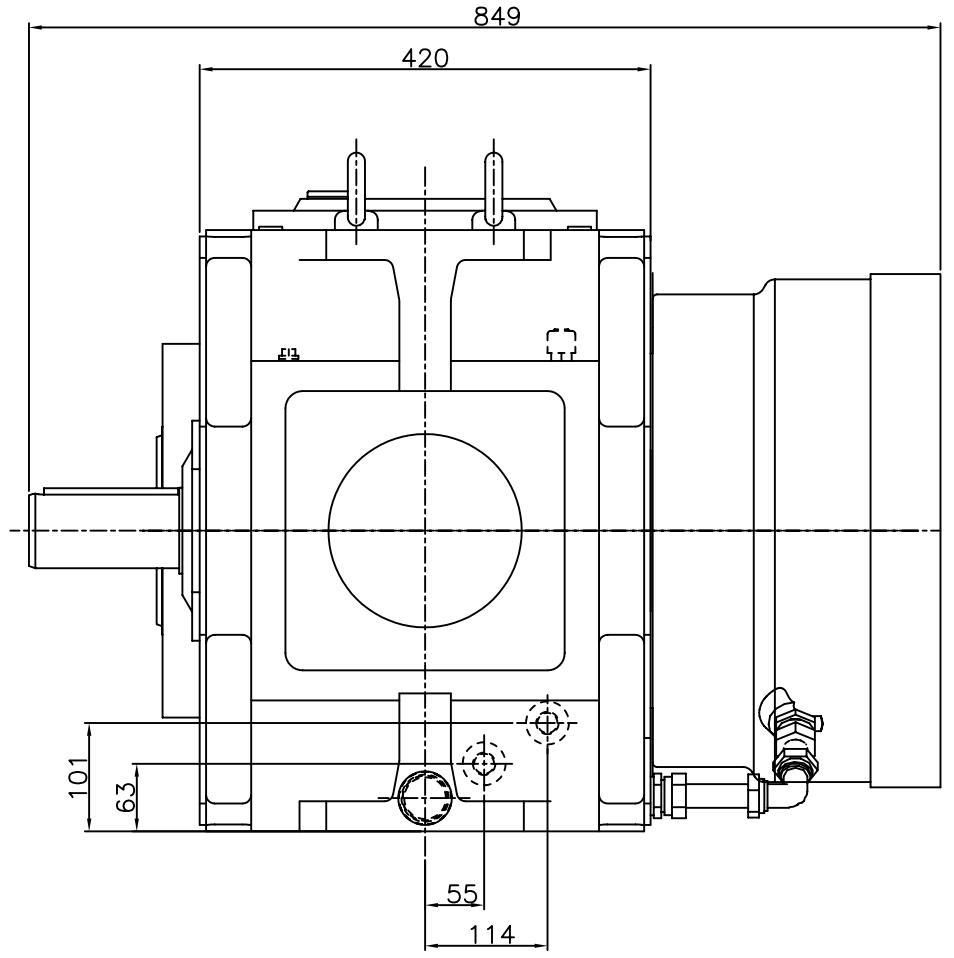
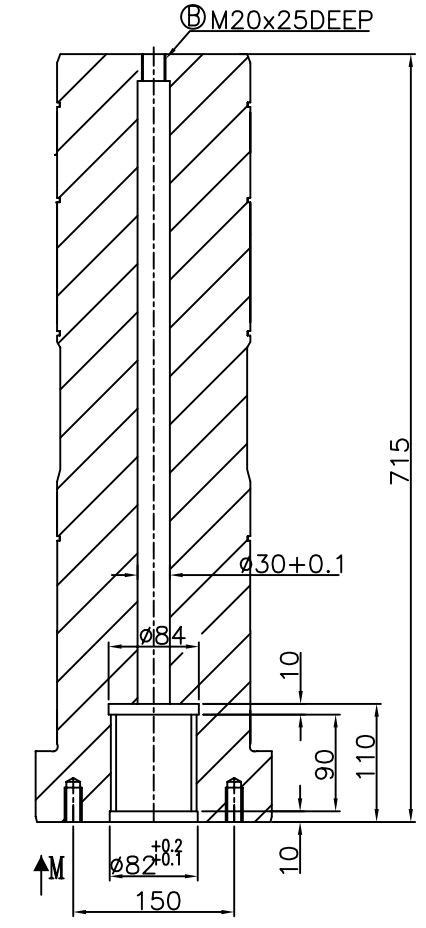
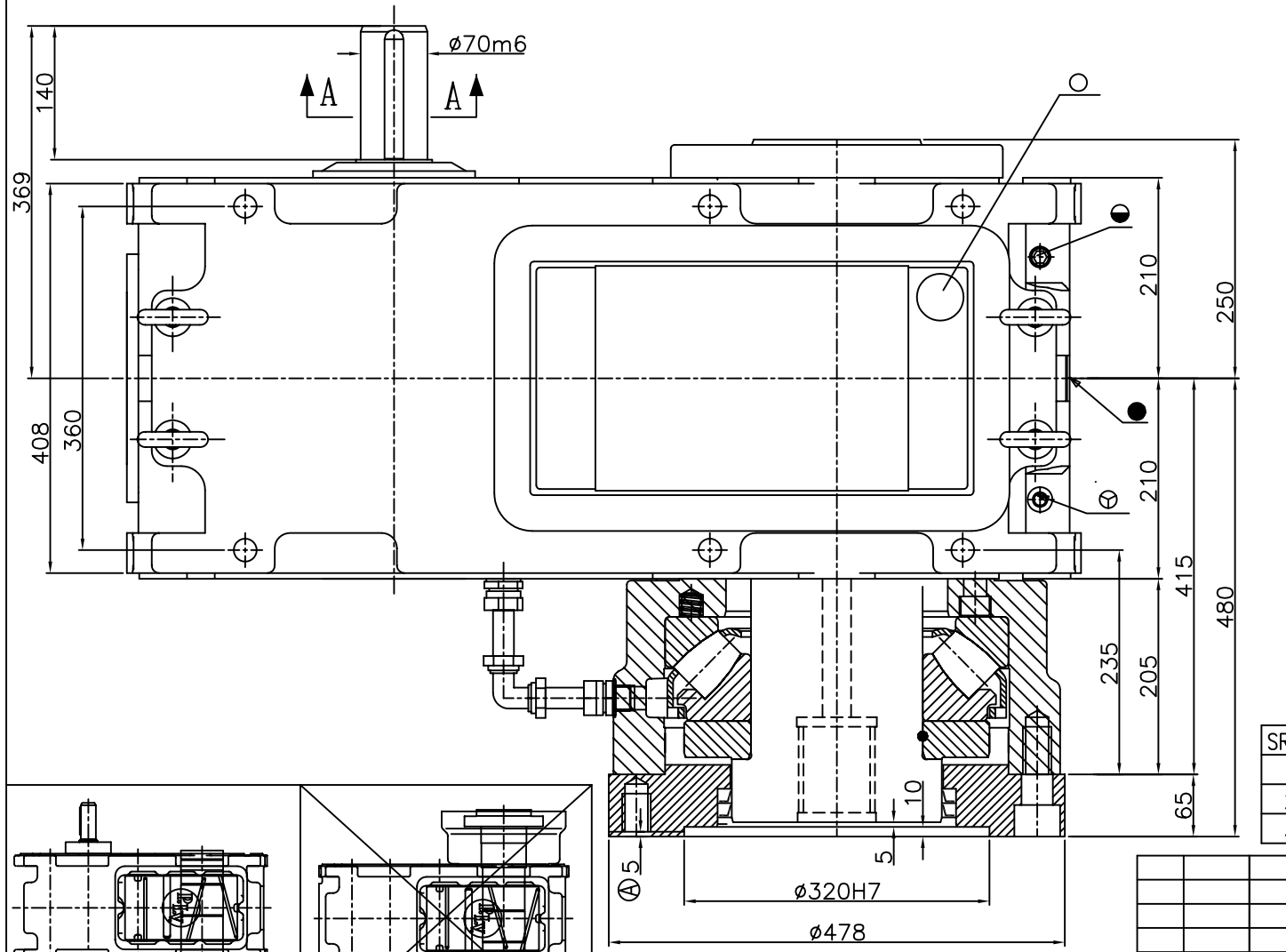
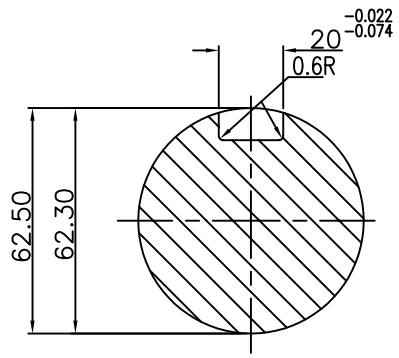


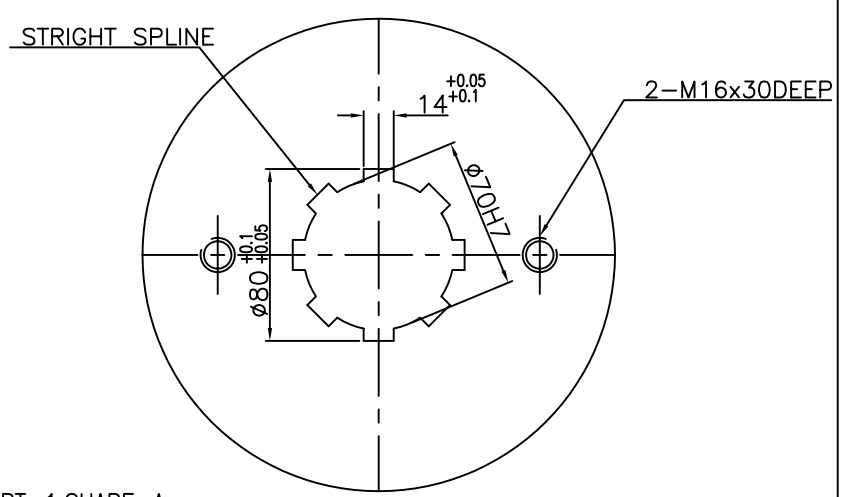




INSIDE DESIGN OF HOLLOW SHAFT



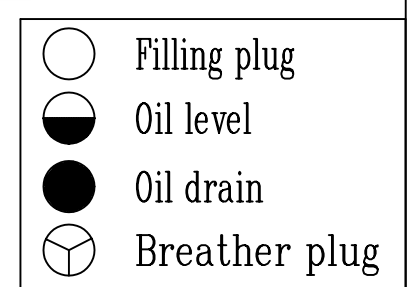

SECTION–AA



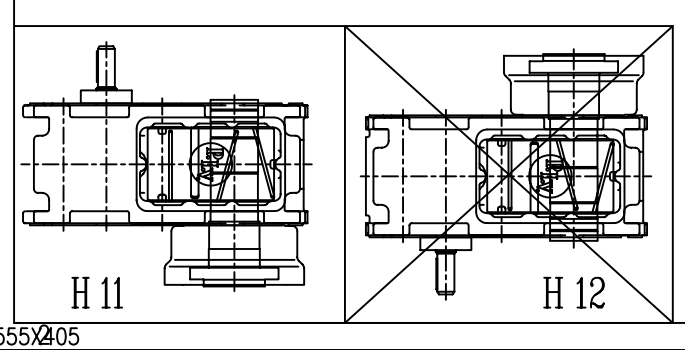

VIEW ON–M

NOTE:

SHAFT ENDS WITH KEYS ACCORDING TO DIN 6885,PART–1,SHAPE–A.
SHAFT CENTERING ACCORDING TO DIN –332 DS WITH THREADS.
DIRECTION OF ROTATION OF OUTPUT SHAFT LOOKING TOWARDS ITS ENDS.
DIMENSIONS CERTIFIED FOR CONSTRUCTION.
APPROX. TOTAL WEIGHT WITHOUT OIL– 920 KGS.
REQUIRED APPROX. OIL QUANTITY PER GEAR BOX : 51 LTRS.
LUBRICATING OIL: SERVOMESH SP 320 OR EQUI.




| SR.NO. | DESCRIPTION | NOMINAL RATIO | ACTUAL RATIO | NOMINAL POWER | RPM | QTY. |
|---|---|---|---|---|---|---|
| 1 | XC28–R11–H11–R10–Z3–436 | 10:1 | 9.98:1 | 483 KW | 1500 | 1 |
| 2 | XC28–R11–H11–R14–Z3–436 | 14:1 | 14.3:1 | 373 KW | 1500 | 1 |
| 3 | XC28–R11–H11–R18–Z3–436 | 18:1 | 18.2:1 | 280 KW | 1500 | 1 |




| REV. | DATE | AMMENDMENTS |
|---|---|---|
| B | 100408 | DRAWING CHANGED AS PER CLIENT REQUIREMENT. |
| A | 010408 | DRAWING CHANGED AS PER CLIENT REQUIREMENT. |

| | | |
|---|---|---|
| DRAWN DATE | Upendra | 22.2.07 |
| CHK .BY DATE | N.G.Pandya | 22.2.07 |
| APPROVED DATE | N.G.Pandya | 22.2.07 |
| SCALE : | | |

DIMENSION SHEET FOR
XC28–R11–H11– –Z3–436

ORDER NO.: SENMAK

| PERMISSIBLE DEVIATION FOR UNMACHINED LINEAR DIMENSIONS. | | | | | |
|---|---|---|---|---|---|
| 0.5...6 | >6...30 | >30...120 | >120...400 | >400...1000 | >1000...2000 |
| ± 0.1 | ± 0.2 | ± 0.3 | ± 0.5 | ± 0.8 | ± 1.2 |

| PERMISSIBLE DEVIATION OF ANGULAR DIMENSIONS.(Shorter side of angle) | | | | | |
|---|---|---|---|---|---|
| RANGE OF LENGTHS . | ...10 | >10...50 | >50...120 | >120...400 | >400 |
| DEVIATIONS | ± 1° | ± 30' | ± 20' | ± 10' | ± 5' |

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