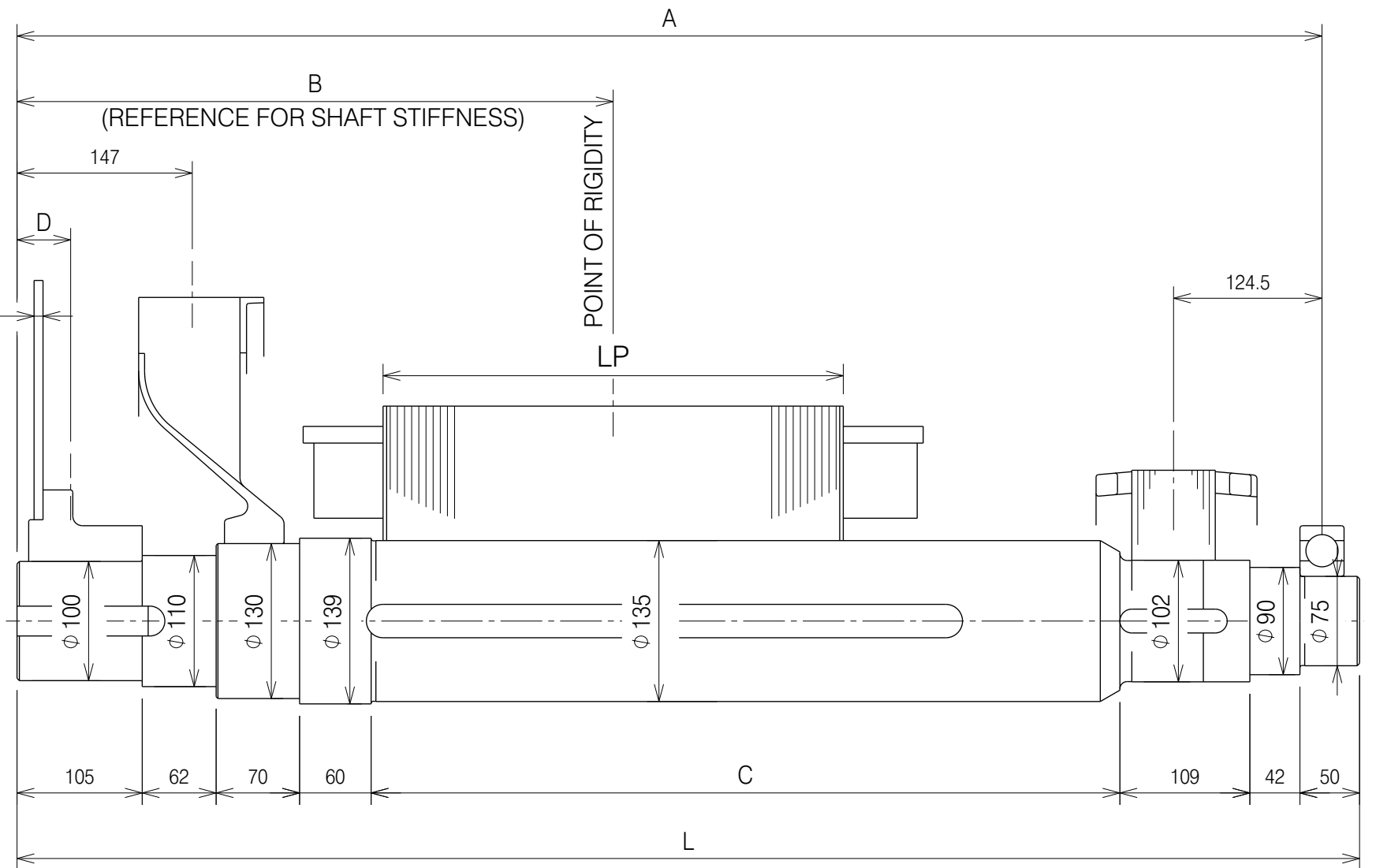


| COUPLING ASSEMBLY | D | m [kg] | J [kgm ²] | DISC STIFFNESS MULTILAYER (5 PLATES) [Nm / rad] |
|-------------------|----|--------|-----------------------|---|
| SAE 11.5 | 55 | 24 | 0.2 | 7.24×10^7 |
| SAE14 | 50 | 22 | 0.350 | 9.35×10^7 |
| SAE 18 | 45 | 26 | 0.590 | 8.43×10^7 |

| SHAFT STIFFNESS WITH HUB INCLUDED (NO DISC) | | | |
|--|--------------------------------------|------------------------------------|------------------------------------|
| SIZE | WITH HUB FOR SAE 11.5 [MNm / rad] | WITH HUB FOR SAE 14 [MNm / rad] | WITH HUB FOR SAE 18 [MNm / rad] |
| SA | 5.71 | 5.57 | 5.63 |
| SB | 5.35 | 5.23 | 5.28 |
| MA | 5.03 | 4.93 | 4.97 |
| MB | 4.62 | 4.53 | 4.57 |

| TYPE | DIMENSIONS mm | | | | | FAN | | SHAFT | | MAIN CORE | | EXCITER CORE | | TOTAL | |
|------|---------------|-----|-----|------|-----|-----|-----------|-------|-----------|-----------|-----------|--------------|-----------|-------|-----------|
| | A | B | C | L | LP | Kg | J Kgm2 | Kg | J Kgm2 | Kg | J Kgm2 | Kg | J Kgm2 | Kg | J Kgm2 |
| SA4 | 929.5 | 440 | 463 | 961 | 280 | 6.6 | 0.208 | 88 | 0.158 | 179.5 | 3.086 | 22 | 0.204 | 296.1 | 3.656 |
| SB4 | | 470 | | | 320 | | | | | 209.5 | 3.676 | | | 326.1 | 4.246 |
| MA4 | 1094.5 | 500 | 628 | 1121 | 400 | | | | | 237.5 | 4.190 | | | 371.1 | 4.790 |
| MB4 | | 545 | | | 480 | | | | | 292.5 | 5.090 | | | 425.1 | 5.690 |



THE SHAFT STIFFNESS IS REFERRED TO DIMENSION "B" INCLUDING THE HUB OF COUPLING.
DISC IS CALCULATED AS SINGULAR (tk 7.5)

| | | | | | |
|---|--|---------------|---------------|------------------|-------------------------|
| E | UPDATE TABLE | G.Sartori | F.Saggin | I.Graizzaro | 04/09/2020 |
| D | ADDED STIFFNESS DATA | D.Pegoraro | F.Saggin | I.Graizzaro | 05/02/2020 |
| C | ADDED DIMENSION LP | A.Rizzetto | F.Saggin | G.Peruzzi | 14/05/2019 |
| REV | DESCRIPTION | PREP'D | CHK'D | APPR'D | DATE |
| ECO: | COMPONENT SUPPLIED IN ACCORDING TO: | MAT: | | IND. ENG. CHK'D: | |
| JOB: | SURFACE TREATMENT: HEAT TREATMENT: | RAW MAT.CODE: | | | |
| | DIMENSIONS WITHOUT TOLERANCES PRECISION DEGREE: (TN F 3661) | | DIMENSION: mm | WEIGHT (kg): | ATEX APPR'D: |
| | | A3 | SCALE: 1:1 | n/a | |
| SINGLE BEARING GENERATORS MJB 315 TORSIONAL ANALYSIS DATA | | | M00AV416A | | E SHEET: 1 Rev OF: 1 |
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