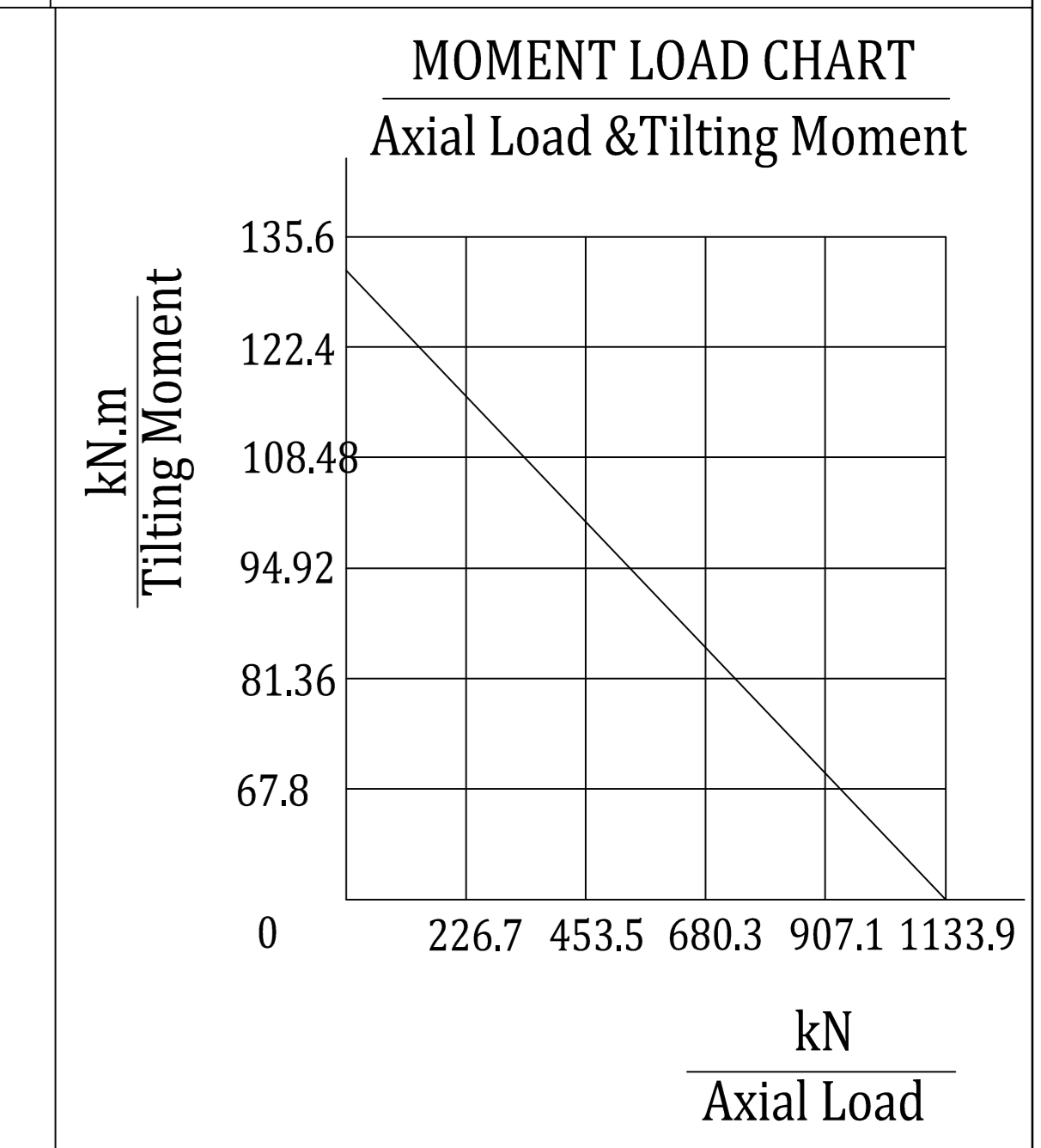


| Slewing Drive Performance Parameters   |            |                             |
|--|------------|-----------------------------|
| Rated Output Speed (max)               | 1.74rpm    |                             |
| Output Torque (max)                    | 8.24 kN.m  | 6.08x10 <sup>3</sup> lbf.ft |
| Tilting Moment                         | 135.6 kN.m | 100x10 <sup>3</sup> lbf.ft  |
| Holding Torque                         | 72.3 kN.m  | 53.3x10 <sup>3</sup> lbf.ft |
| Static Axial Load Rating               | 970 kN     | 218.3x10 <sup>3</sup> lbf   |
| Static Radial Load Rating              | 390 kN     | 87.8x10 <sup>3</sup> lbf    |
| Gear Ratio                             | 102:1      |                             |
| Precision                              | ≤0.17°     |                             |
| Hydraulic motor Performance Parameters |            |                             |
| Pressure                               | 9MPa       |                             |
| Flow                                   | 30L/min    |                             |




### Hydraulic Motor Performance Data

BMRS160 [157.2cm<sup>3</sup>/rev.]

| Flow (L/min)        | Pressure (MPa) |     |     |     |     |     |     |      |
|---------------------|----------------|-----|-----|-----|-----|-----|-----|------|
|                     | 5              | 7   | 9   | 10  | 12  | 14  | 16  | 17.5 |
| 10                  | 115            | 160 | 203 | 220 | 260 | 300 | 340 | 362  |
|                     | 58             | 55  | 52  | 50  | 44  | 38  | 34  | 26   |
| 20                  | 114            | 160 | 205 | 230 | 265 | 320 | 355 | 380  |
|                     | 119            | 115 | 111 | 108 | 103 | 95  | 84  | 76   |
| 30                  | 105            | 158 | 202 | 221 | 261 | 305 | 344 | 378  |
|                     | 184            | 181 | 177 | 172 | 165 | 153 | 134 | 130  |
| 40                  | 100            | 145 | 196 | 218 | 257 | 299 | 340 | 374  |
|                     | 246            | 244 | 239 | 237 | 230 | 218 | 199 | 184  |
| 50                  | 90             | 140 | 190 | 209 | 250 | 295 | 336 | 366  |
|                     | 307            | 305 | 302 | 300 | 292 | 280 | 262 | 244  |
| 60                  | 84             | 136 | 180 | 199 | 240 | 286 | 330 | 360  |
|                     | 370            | 368 | 364 | 362 | 355 | 342 | 334 | 304  |
| 70                  | 65             | 120 | 164 | 180 | 223 | 280 | 320 | 350  |
|                     | 435            | 434 | 430 | 427 | 416 | 405 | 385 | 366  |
| intermittent (max.) | 59             | 116 | 158 | 175 | 220 | 272 | 314 | 342  |
|                     | 465            | 462 | 458 | 456 | 447 | 433 | 416 | 395  |

Torque (N.m) 378  
Speed (rpm) 130

| REV  | DATE      | REVISER     | REVISER  |       |
|--|-----------|-------------|--|-------|
| DESIGNED BY  | 2020/2/15 | Li Ming     | <br>www.coresundrive.com<br>Coresun Drive Equipment Changzhou Co., Ltd. |       |
| CHECKED BY   | 2020/2/15 | Rui Wang    |  |       |
| APPROVED BY  | 2020/2/15 | Shane Zhang |  |       |
| ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER HERE OF ARE RESERVED, AND NO PERMISSION IS GRANTED OR TO DISCLOSE REPRODUCE THIS PRINT IN WHOLE OR IN PART, ANY OF THE INFORMATION TO OTHERS. |           |             | WEIGHT   | SCALE |
|  |           |             | 117 kg   | 1:4   |
| SYMBOLS ISO  |           |             | SIZE   | A3    |
|  |           |             | SHEET  | 1/1   |
| <b>Slewing Drive</b>   |           |             |  | REV   |
| SC17-2-102-RH-160A   |           |             |  | A     |