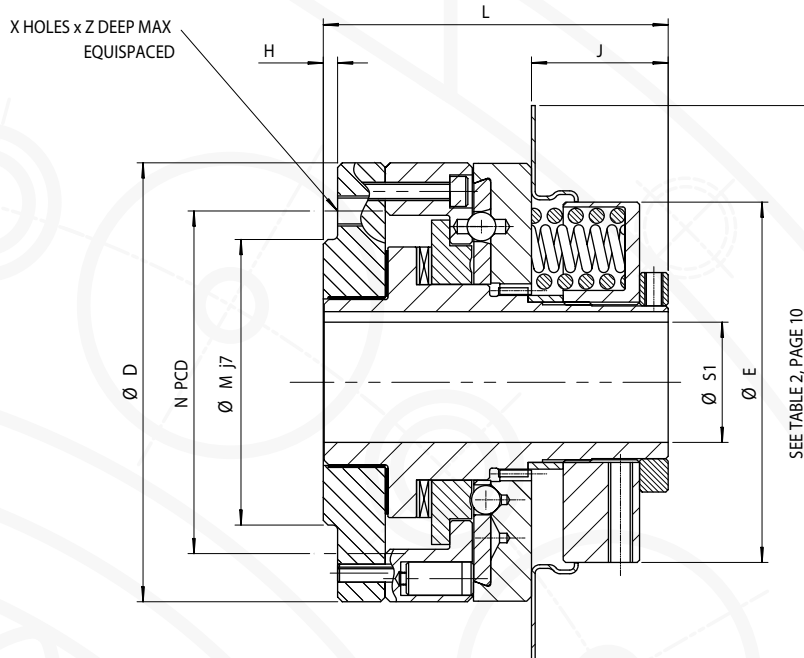


AUTOGARD SERIES 400

MODEL 403

General purpose design. For use with self-supporting drive media and couplings.



SEE TABLE 2, PAGE 10

Technical Data

| Size | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
|------------------------|-------------|-----|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| Torque | Nm ③ | Max | 28 | 226 | 678 | 1130 | 2540 | 5650 | 11300 | 24860 | 56500 |
| | | Min | 3 | 20 | 60 | 75 | 225 | 1100 | | | |
| Speed | rpm ① | Max | 3600 | 3600 | 3600 | 2000 | 2000 | 1800 | | | |
| Weight | kg ② | | 0.9 | 5.0 | 9.8 | 13 | 32 | 47 | | | |
| Mass Moment of Inertia | Hub side | | 0.0002 | 0.0035 | 0.013 | 0.023 | 0.108 | 0.258 | | | |
| | Flange side | | 0.0002 | 0.0041 | 0.013 | 0.024 | 0.090 | 0.150 | | | |

1) Higher speeds may be allowed under certain conditions. Please consult Autogard.

2) Weights and moments of inertia apply to max (S1) bores.

3) For higher torque applications - consult Autogard.

4) For sizes 7+ designs may vary. Please consult Autogard for full technical details.

Dimensional Data - mm

| Size | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-------------|---|--------|--------|---------|---------|---------|-----|-----|-----|-----|
| Max Bore S1 | ③ | 16 | 28 | 40 | 50 | 75 | 100 | 127 | 152 | 178 |
| D | | 62 | 112 | 146 | 168 | 222 | 260 | 311 | 385 | 457 |
| E | | 55 | 90 | 120 | 136 | 190 | 235 | 283 | 362 | 451 |
| H | | 1.59 | 4.76 | 4.76 | 4.76 | 6.35 | | | | |
| J | ⑥ | 22 | 45 | 45 | 46 | 69 | 79 | 87 | 120 | 158 |
| L | | 59 | 108 | 114 | 121 | 164 | 218 | 245 | 300 | 410 |
| M | | 30.2 | 75 | 95 | 122 | 155 | | | | |
| N | | 41.275 | 92 | 114 | 144 | 184 | | | | |
| X | | 5 x M4 | 6 x M8 | 7 x M10 | 8 x M12 | 8 x M16 | | | | |
| Z | | 8 | 14 | 15 | 15 | 23 | | | | |

5) For max. bores greater than 25mm use rectangular parallel keys.

6) For sizes 6 and above, clearance is required for adjustment. See Table 1 page 9.

7) For sizes 6 and above, mounting details may vary. Please specify or consult Autogard for assistance.