



### TECHNICAL DATA

| Coupling       |       | Power Rating      |             |                   |             |                   |             | Pilot Drill Size | Max. Bore | ØA     |      | Length thru' Bore "C" | ØB   | Gap G | ØE | S           | #Overall Length "L" for (SW/L) |
|----------------|-------|-------------------|-------------|-------------------|-------------|-------------------|-------------|------------------|-----------|--------|------|-----------------------|------|-------|----|-------------|--------------------------------|
|                |       | Synthetic Rubber  |             | Polyurethane      |             | Hytrel            |             |                  |           | SW/RRS | L    |                       |      |       |    |             |                                |
| Type           | Size  | Rated Torque (Nm) | kW@ 100 rpm | Rated Torque (Nm) | kW@ 100 rpm | Rated Torque (Nm) | kW@ 100 rpm |                  |           |        |      |                       |      |       |    |             |                                |
| L              | 035   | 0.38              | 0.004       | 0.6               | 0.01        | 1.0               | 0.01        | -                | 10        | -      | 16   | 6.5                   | 16   | 1     | -  | -           | 21                             |
|                | 050   | 2.80              | 0.03        | 4.2               | 0.04        | 7.0               | 0.07        | 5                | 16        | -      | 27   | 15                    | 27   | 1     | -  | -           | 42                             |
|                | 070   | 4.90              | 0.05        | 7.4               | 0.08        | 12.3              | 0.13        | 9                | 20        | -      | 34.5 | 19                    | 34.5 | 2     | -  | -           | 51                             |
|                | ◉ 075 | 9.80              | 0.1         | 14.7              | 0.15        | 24.5              | 0.26        | 9                | 22        | -      | 44.5 | 21                    | 44.5 | 2     | -  | -           | 55                             |
|                | ■ 075 | 9.80              | 0.1         | 14.7              | 0.15        | 24.5              | 0.26        | -                | 22        | -      | 44.5 | 21                    | 39   | 2     | -  | -           | 55                             |
| L<br>SW<br>RRS | 095   | 21.10             | 0.22        | 31.7              | 0.33        | 52.8              | 0.55        | -                | 28        | 65     | 54   | 25                    | 49   | 2     | 19 | 90,100,140  | 63                             |
|                | 099   | 46.40             | 0.49        | 69                | 0.73        | 116               | 1.2         | -                | 30        | 78     | 65   | 27                    | 51   | 2     | 27 |             | 72                             |
|                | 100   | 46.40             | 0.49        | 69                | 0.73        | 116               | 1.2         | -                | 35        | 78     | 65   | 35                    | 57   | 2     | 27 | 90,         | 88                             |
|                | 110   | 89                | 0.93        | 133               | 1.4         | 222               | 2.3         | -                | 42        | 96     | 85   | 43                    | 76   | 3     | 35 | 100,        | 108                            |
|                | 150   | 141               | 1.5         | 211               | 2.2         | 352               | 3.7         | -                | 48        | 111    | 96   | 45                    | 80   | 3     | 35 | 140,        | 115                            |
|                | 190   | 190               | 2.0         | 285               | 3.0         | 475               | 5.0         | -                | 60        | 129    | 115  | 54                    | 102  | 3     | 45 | 180         | 133                            |
|                | 225   | 265               | 2.8         | 397               | 4.2         | 662               | 6.9         | -                | 65        | 142    | 127  | 64                    | 111  | 3     | 45 |             | 153                            |
|                | 226   | 327               | 3.4         | 490               | 5.1         | 817               | 8.6         | 25               | 70        | 153    | 137  | 70                    | 119  | 3     | 51 | 100,140,180 | 178                            |
| L<br>SW        | 276   | 532               | 5.6         | 798               | 8.4         | 1330              | 13.9        | 25               | 75        | 173    | 157  | 80                    | 127  | 3     | 60 | -           | 200                            |
|                | 280   | 782               | 8.2         | 1173              | 12.3        | 1955              | 20.5        | 30               | 80        | 208    | 192  | 80                    | 140  | 3     | 70 | -           | 200                            |
|                | 295   | 1279              | 13.4        | 1918              | 20.1        | 3197              | 33.5        | 30               | 95        | 253    | 237  | 95                    | 162  | 3     | 80 | -           | 238                            |
|                | 2955  | 2132              | 22.3        | 3198              | 33.5        | 5330              | 55.8        | 30               | 105       | 253    | 237  | 108                   | 180  | 3     | 80 | -           | 264                            |
| SW             | 300   | 3047              | 31.9        | 4570              | 47.9        | 7617              | 79.8        | 30               | 105       | 272    | -    | 115                   | 180  | 3     | -  | -           | 283                            |
|                | 350   | 4308              | 45.1        | 6462              | 67.7        | 10770             | 112.8       | 30               | 115       | 323    | -    | 128                   | 200  | 3     | -  | -           | 309                            |

All dimensions are in mm.

For vertical installation contact RATHI.

For RRS/SW maintain gap 'G' at the time of assembly.

Maximum bores can be increased in case of steel hubs. Consult manufacturer

Material : Sintered iron for sizes 035 to 075

Aluminum for sizes 050 to 110 & for all RRS spacers. # For RRS, L = S + 2C

Cast Iron for sizes 095 to 350.

■ 075 - Aluminium

◉ 075 - Sintered Iron

L Type Spider : Polyurethane - for Sizes 50 to 295

Hytrel - for Sizes 50 to 225