

## TECHNICAL SPECIFICATIONS

|                    |                                                                                 |
|--------------------|---------------------------------------------------------------------------------|
| IP PROTECTION      | IP23 (IP54 on request with power derating)                                      |
| THERMAL PROTECTION | KLIXON (PT100, PTC on request)                                                  |
| SHAFT EXTENSION    | FITTED KEY (PLAIN SHAFT on request)                                             |
| BALANCING          | FULL KEY (HALF KEY on request)                                                  |
| INSULATION CLASS   | F                                                                               |
| COOLING METHOD     | IC06 (IC01, IC0641, IC416, IC410, IC411, IC0666 on request with power derating) |
| AMBIENT CONDITIONS | 0 ÷ 40°C (32 ÷ 104°F) 1000m ASL                                                 |
| TRANSDUCER         | TACHOMETER GENERATOR (on request)                                               |
| MOUNTING FORM      | B3, B5, B35 by request                                                          |
| PAINTING           | NITRO, POLYURETHANIC, on request                                                |

## STANDARD WINDINGS DATA

| TYPE       | SHAFT<br>HEIGHT | RATED<br>TORQUE<br>(S1) | RATED SPEED<br>RANGE | RATED<br>POWER<br>RANGE | EXCITATION<br>POWER<br>(20°C) |
|------------|-----------------|-------------------------|----------------------|-------------------------|-------------------------------|
|            | mm              | Nm                      | rpm                  | kW                      | W                             |
| RTL 80 S   | 80              | 10,4                    | 930 - 3590           | 1,1 - 3,9               | 250                           |
| RTL 80 M   | 80              | 14,1                    | 930 - 3220           | 1,5 - 4,8               | 300                           |
| RTL 80 L   | 80              | 18,3                    | 900 - 3290           | 1,8 - 6,3               | 380                           |
| RTL 90 M   | 90              | 22,0                    | 970 - 3180           | 2,4 - 7,3               | 410                           |
| RTL 90 L   | 90              | 27,3                    | 980 - 3230           | 2,9 - 9,2               | 450                           |
| RTL 90 P   | 90              | 33,5                    | 800 - 3210           | 3,0 - 11,3              | 480                           |
| RTL 100 M  | 100             | 40                      | 880 - 3050           | 4,0 - 12,8              | 535                           |
| RTL 100 L  | 100             | 49                      | 800 - 3180           | 4,8 - 16,3              | 600                           |
| RTL 100 P  | 100             | 60                      | 820 - 3220           | 5,5 - 20,2              | 650                           |
| RTL 112 M  | 112             | 69                      | 1070 - 3300          | 8,1 - 23,8              | 650                           |
| RTL 112 L  | 112             | 82                      | 1050 - 3050          | 9,5 - 26,4              | 760                           |
| RTL 112 P  | 112             | 97                      | 930 - 3080           | 9,9 - 31,3              | 870                           |
| TL 132 BS  | 132             | 113                     | 890 - 3450           | 11 - 40                 | 980                           |
| TL 132 BM  | 132             | 150                     | 970 - 3450           | 16 - 54                 | 1150                          |
| TL 132 BL  | 132             | 175                     | 1000 - 3050          | 19 - 56                 | 1350                          |
| TL 132 BP  | 132             | 210                     | 880 - 3000           | 18 - 67                 | 1700                          |
| RTL 160 S  | 160             | 250                     | 910 - 3050           | 24 - 80                 | 1650                          |
| RTL 160 M  | 160             | 315                     | 940 - 3200           | 31 - 105                | 1800                          |
| RTL 160 L  | 160             | 370                     | 740 - 2820           | 29 - 109                | 2000                          |
| RTL 160 LB | 160             | 430                     | 720 - 3050           | 32 - 138                | 2300                          |
| TL 200 BK  | 200             | 445                     | 720 - 2650           | 34 - 123                | 2000                          |
| TL 200 BS  | 200             | 530                     | 750 - 2600           | 41 - 144                | 2250                          |
| TL 200 BM  | 200             | 620                     | 710 - 2340           | 47 - 152                | 2500                          |
| TL 200 BL  | 200             | 730                     | 730 - 2420           | 56 - 180                | 2800                          |
| TL 200 BLB | 200             | 840                     | 610 - 2300           | 54 - 180                | 3000                          |

Data referred to IC06 Version with F.F. 1,05 supply