

**ELECTRICAL
DATAS**

| MOTOR TYPE | | 110 | | | | |
|-------------------|-----------------|------------|-----|-----|-----|-----|
| SIZE | | 2 | 3 | 4 | 5 | 6 |
| Stall torque | Nm | 3,5 | 6 | 8 | 10 | 13 |
| Peak torque | Nm | 10,5 | 18 | 24 | 30 | 39 |
| Rotor inertia | $\frac{g}{m^2}$ | 1,2 | 1,4 | 1,5 | 1,7 | 1,9 |
| Poles N° | | 6 | 6 | 6 | 6 | 6 |

| Power supply 220V x 3 | | 2 | 3 | 4 | 5 | 6 |
|--------------------------|----------|------|------|------|------|------|
| Nominal speed | Rpm | 3000 | 3000 | 3000 | 3000 | 3000 |
| Stall current | A | 4,7 | 7,9 | 10,1 | 12,5 | 16,2 |
| Peak current | A | 14 | 23,7 | 30,3 | 37,5 | 48,6 |
| Line resistance | Ω | 2 | 1,2 | 0,95 | 0,6 | 0,51 |
| Line inductance | mH | 17 | 11 | 8,2 | 6,7 | 5,2 |

| Power supply 380V x 3 | | 2 | 3 | 4 | 5 | 6 |
|--------------------------|----------|------|------|------|------|------|
| Nominal speed | Rpm | 3000 | 3000 | 3000 | 3000 | 3000 |
| Stall current | A | 2,6 | 4,3 | 5,8 | 7 | 8,9 |
| Peak current | A | 7,8 | 13 | 17,3 | 21 | 26,7 |
| Line resistance | Ω | 6,2 | 3,8 | 2,8 | 1,8 | 1,6 |
| Line inductance | mH | 57 | 38 | 26 | 21 | 17 |

**OVERALL
DIMENSIONS**

| MOTOR TYPE | | 110 | | | | |
|-------------------|-----------------------|------------|------|-----|-----|-----|
| SIZE | | 2 | 3 | 4 | 5 | 6 |
| A | Total length | 226 | 251 | 276 | 301 | 326 |
| A | Length with brake | 268 | 293 | 318 | 343 | 368 |
| B | Flange side | 127/140 | | | | |
| C | Truing diameter | 110/130 | | | | |
| D | Fixing holes centers | 130/165 | | | | |
| E | Fixing holes diameter | 11 | | | | |
| F | Total height | 184 | | | | |
| G | Shaft length | 40 | 40 | 50 | 50 | 50 |
| H | Shaft diameter | 19 | 19 | 24 | 24 | 24 |
| I | Key length | 30 | 30 | 40 | 40 | 40 |
| L | Key width | 6 | 6 | 8 | 8 | 8 |
| M | Key from shaft end | 5 | 5 | 5 | 5 | 5 |
| N | Key height | 21,5 | 21,5 | 27 | 27 | 27 |
| P | Truing width | 3 | 3 | 3 | 3 | 3 |
| Q | Flange width | 10 | 10 | 10 | 10 | 10 |



BRL 110

Protection: IP 54, IP 55 or IP 65

Insulation class F