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|----------------------------------|-----------|--------|---|---------------------------|--------------------------|
| No. of Phases | | 3 | Reference | Performance | IS:325 |
| Frame Designation | | 63 FLP | Standard | Enclosure | IS:60079-1 |
| Rated Output | kW | 0.18 | Protection IS:4691 | | IP 55 |
| | HP | 0.25 | Vibration Standard | | IS:12075 |
| No. of Poles | | 4 | Noise Standard | | IS:12065 |
| Rated Voltage | V | 415 | Duty | | S1 |
| Rated Frequency | Hz | 50 | Insulation Class | | F |
| Rated Current | A | 0.57 | Cooling IS:6362 | | IC411 |
| Rated Speed | rpm | 1360 | Terminal Box Details | Terminal Size | M4 |
| Rated Torque | kgm | 0.13 | | No. of Terminal | 6 |
| Efficiency | Full load | % | 60.0 | Max. cable size | mm ² 1x3Cx4.0 |
| | 3/4 load | % | 53.0 | DE | 6201ZZ |
| | 1/2 load | % | 38.0 | NDE | 6201ZZ |
| Power factor | Full load | | 0.73 | Lubrication | Prelubricated |
| | 3/4 load | | 0.58 | Life L10 (Direct coupled) | hrs. 50,000 |
| | 1/2 load | | 0.45 | Regreasing Time | hrs. - |
| Temp. Rise (Res.) | °C | 70 | Lifting Eyebolt IS:4190 | | - |
| Acceleration Time | sec. | - | Motor Weight (approx) | kg | 20 |
| Stator Connection | | Y | Rotor GD ² | kgm ² | 0.0010 |
| Tropicalised? (Yes/No) | | Yes | Ambient Temp. | °C | 50 |
| I _{st} / I _r | % | 3.5 | Overall Dimensions of Packed motor (LxBxH) (mm) | | |
| T _{st} / T _r | % | 1.9 | | | |
| T _{po} / T _r | % | 2.1 | Voltage Variation ± | % | 10 |
| Locked rotor withstand time | Hot | sec | 6 | Frequency Variation ± | % 5 |
| | Cold | sec | 15 | Combiend Variation ± | % 10 |

Remarks: (1) Efficiency class : EFF2
(2) Motor construction: TEFC

Data subject to tolerance as per IS:12615.

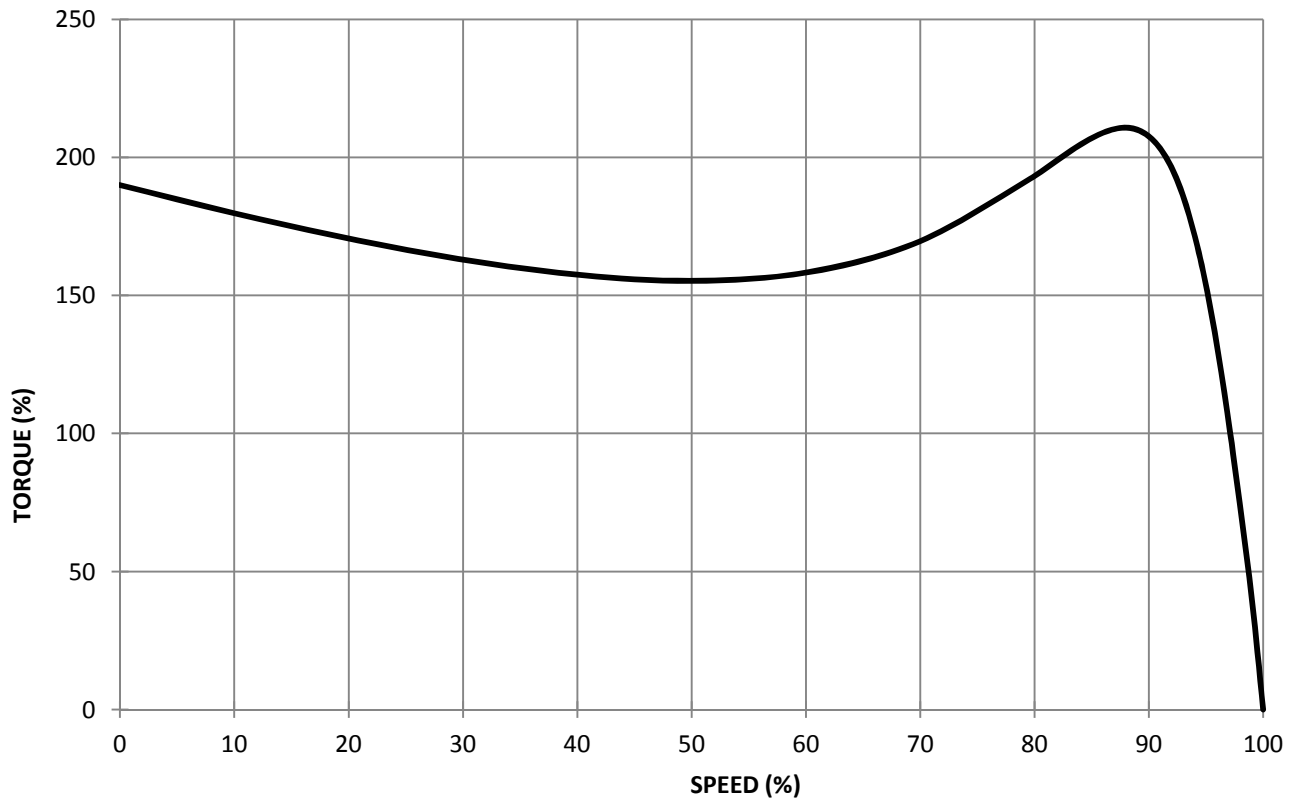
Prep.: ENGG

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TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

