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|----------------------------------|-----------|--------|---------------------------|-----------------|---|--------------------------|
| No. of Phases | | 3 | Reference | Performance | IS:325 | |
| Frame Designation | | 71 FLP | Standard | Enclosure | IS:60079-1 | |
| Rated Output | kW | 0.37 | Protection IS:4691 | | IP 55 | |
| | HP | 0.50 | Vibration Standard | | IS:12075 | |
| No. of Poles | | 2 | Noise Standard | | IS:12065 | |
| Rated Voltage | | V | Duty | | S1 | |
| Rated Frequency | | Hz | Insulation Class | | F | |
| Rated Current | | A | Cooling IS:6362 | | IC411 | |
| Rated Speed | | rpm | Terminal Box Details | Terminal Size | | M4 |
| Rated Torque | | kgm | | No. of Terminal | | 6 |
| Efficiency | Full load | % | Bearing Data | Max. cable size | | mm ² 1x3Cx4.0 |
| | 3/4 load | % | | DE | | 6202ZZ |
| | 1/2 load | % | | NDE | | 6202ZZ |
| Power factor | Full load | | Lubrication | | Prelubricated | |
| | 3/4 load | | Life L10 (Direct coupled) | | hrs. 50,000 | |
| | 1/2 load | | Regreasing Time | | hrs. - | |
| Temp. Rise (Res.) | | °C | 70 | | Lifting Eyebolt IS:4190 | - |
| Acceleration Time | | sec. | - | | Motor Weight (approx) | kg 21 |
| Stator Connection | | | Y | | Rotor GD ² | kgm ² 0.0010 |
| Tropicalised? (Yes/No) | | | Yes | | Ambient Temp. | °C 50 |
| I _{st} / I _r | | % | 4.7 | | Overall Dimensions of Packed motor (LxBxH) (mm) | |
| T _{st} / T _r | | % | 2.4 | | | |
| T _{po} / T _r | | % | 2.7 | | | |
| Locked rotor withstand time | Hot | sec | 5 | | Voltage Variation ± | % 10 |
| | Cold | sec | 11 | | Frequency Variation ± | % 5 |
| | | | | | Combiend Variation ± | % 10 |

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

Data subject to tolerance as per IS:12615.

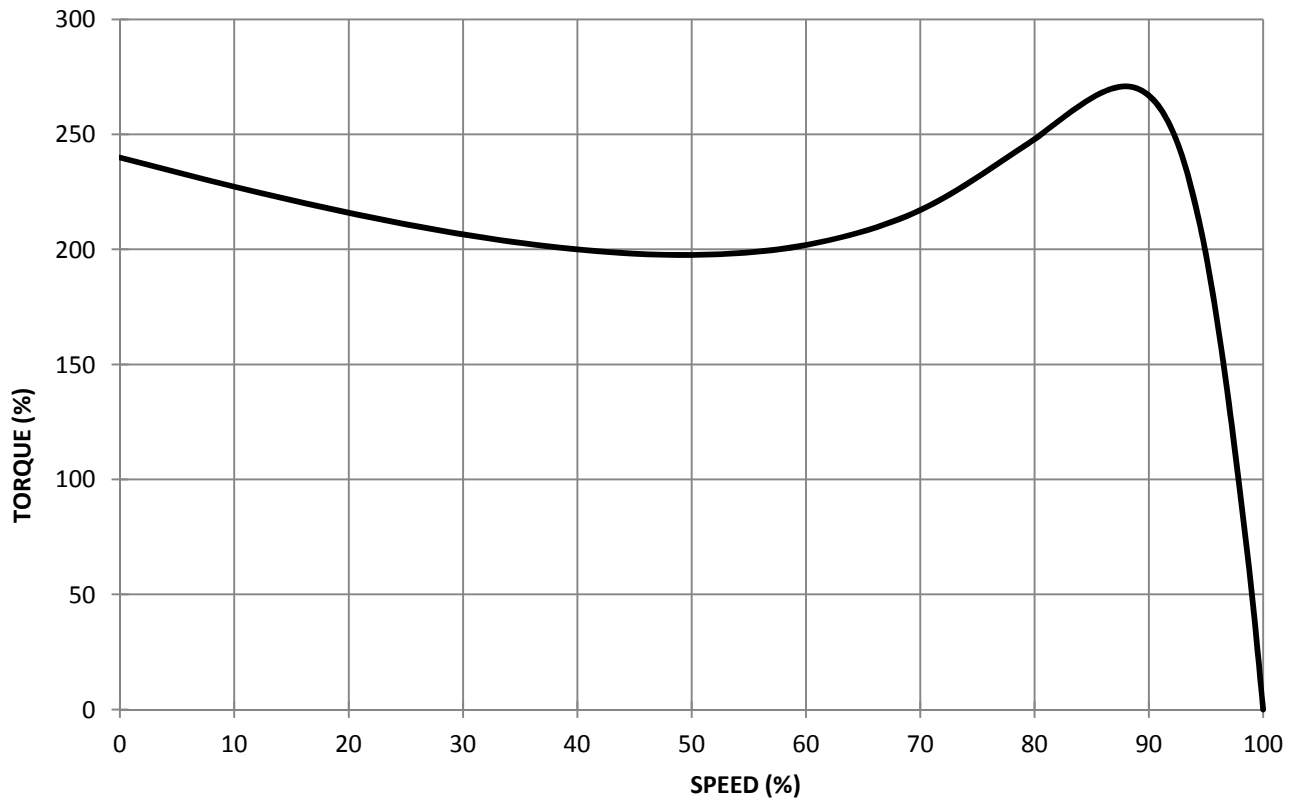
Prep.: ENGG

Chkd.:

Date:

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TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

