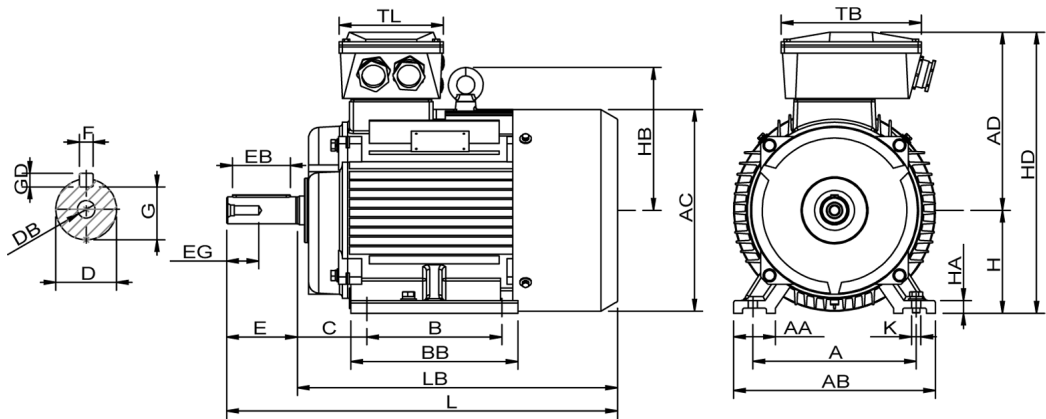


Data Sheet

Itemnumber..... 3242000199



| | | | | | | | | |
|----------|----------|----------|----------|---------|---------|-----------|----------|----------|
| A = 318 | AC = 397 | BB = 369 | DB = M20 | EG = 50 | GD = 10 | HB = 263 | L = 779 | TL = 192 |
| AA = 70 | AD = 313 | C = 133 | E = 110 | F = 16 | H = 200 | HD = 513 | LB = 669 | |
| AB = 388 | B = 305 | D = 55 | EB = 90 | G = 49 | HA = 25 | K = 18,50 | TB = 260 | |

| | | |
|---|--|---|
| Version Type..... HMC2 200L-4 Design..... Induction motor Standard series..... IEC 60034 Phase / Voltage range..... 3~ / Low | Mechanical design Frame size..... 200 Mounting..... B3 Rain cap..... No Protection class..... IP55 Cooling method..... IC411/TEFC External grounding..... Yes Drain hole..... Yes Frame material..... Cast Iron Material approval..... None Shaft..... IEC Standard Key..... Closed key Balancing..... Half key balancing Vibration class..... Grade-A Weight (kg)..... 245 | Bearing DE Bearing..... 6312-ZZ/C3 NDE Bearing..... 6312-ZZ/C3 Fixed bearing..... DE |
| Electrical design Efficiency..... IE2 Pole..... 4 Power at 50 Hz (kW)..... 30,0 Hz..... 60 (60 Hz output) Voltage..... 690VD Winding voltage..... 690VD 60 Hz Power output (kW)..... 35,0 Duty..... S1 Insulation class..... F Temperature rise..... B | Environment condition Ambient temp. min. (°C).. -20 Ambient temp. max. (°C).. 45 Altitude (mtr up to)..... 1000 | Terminal box Tbox position..... Top Cable entry direction..... Right (from DE) Cable entry Main..... 2 x M50x1,5 Ø32-38mm metal Accessory..... 2 x M20x1,5 Metal blindcaps Terminal board thread..... 6-M8 |
| Motor protection Thermal protection main.... PTC 3x 155 dgr Thermal protection second.. None Space heater..... 1x 230V 60W Temperature detector..... No SPM..... No IR wire..... Yes Tropical insulation..... Yes | | Test values Rotor inertia (kgm²)..... 0,28 Noise level (dB(A))..... 69 No load current (A)..... 10,4 Winding resist. (ohm)..... 0,37 Starting time (sec.)..... 0,09 Temp. rise winding (K)..... 71 Temp. rise surface (K)..... 53 |
| Explosion protection According to..... None Type of protection..... None | | |
| General Direction of rotation..... CW Painting..... RAL 9005 Nameplate..... Multivoltage + VFD Special packing..... No Special requirements..... No | | |

| | | | |
|--|------------------|------------------|------------------|
| Rated power (kW) | 30,0 | 36,0 | 35,0 |
| Frequency (Hz) | 50 | 60 | 60 |
| Voltage (V) | 575 | 690 | 690 |
| Connection | D | D | D |
| Full load current (A) | 37,0 | 38,5 | 37,0 |
| Speed (rpm) | 1480 | 1760 | 1760 |
| Power factor cos(phi) | 0,88 | 0,88 | 0,88 |
| Efficiency, 100/75/50 (%) : 92,3/ 91,9 /91,4 | 92,3/ 91,9 /91,4 | 92,3/ 91,9 /91,4 | 92,3/ 91,9 /91,4 |
| Ist/In | 7,60 | 7,60 | 7,80 |
| Full load torque (Nm) | 196 | 196 | 190 |
| Tst/Tn | 3,00 | 3,00 | 3,10 |
| Tmax/Tn | 3,25 | 3,25 | 3,35 |
| Duty | S1 | S1 | S1 |
| Ambient temp. (°C) | 40 | 40 | 45 |