CANTONI MOTOR

# MOTOR DATA SHEET

Motor type: **SUg315M8B**

Series: **GENERAL PURPOSE**

06-06-2025

## ELECTRICAL PARAMETERS

| *U* | *CONN.* | *f* | *P* | | *Duty* | *I* | *n* | *T* | *TL/T* | *TB/T* | *IL/I* | *Efficiency at load [%]* | | | *Power factor at load [-]* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *V* | - | *Hz* | *kW* | *HP* | - | *A* | *rpm* | *Nm* | - | - | - | *2/4* | *3/4* | *4/4* | *2/4* | *3/4* | *4/4* |
| 380 | Δ | 50 | 90 | 120 | S1 | 183 | 733 | 1173 | - | 3.3 | - | - | - | 92.4 | - | - | 0.81 |

## GENERAL DATA

| | | | |
|---|---|---|---|
| Efficiency class | - | Sound pressure level [dB] | - |
| Frame size | 315 | Sound power level [dB] | - |
| Number of poles | 8 | Terminal box position | on right side |
| Starting method | DOL | Possibility of terminal box rotation | no |
| Insulation class | F | Bearing on D-side | NU320EM1 |
| Frequency converter supply | no | Bearing on ND-side | 6320C3 |
| Mounting arrangement | IMB3 | Bearings regreasing | yes |
| Cooling method | IC411 | Housing - material | cast iron |
| Weight (IMB3) [kg] | 1200 | Feet - material | cast iron |
| Moment of inertia [kgm2] | 6.4 | Bearing shields - material | cast iron |
| Direction of rotation | CW/CCW | Painting | RAL5010 |
| Degree of protection | IP55 | Climatic execution | N |

## ENVIRONMENTAL CONDITIONS

| | | | |
|---|---|---|---|
| Ambient temperature [°C] | up to +40 | Altitude above sea level [m] | up to 1000 |
| Relative humidity [%] | up to 95 | | |

## ACCESSORY

| | | | |
|---|---|---|---|
| Number of terminals or cables | 6+3 | Temperature sensors in bearings | on demand |
| Cable glands/inlets | 2 | Winding heaters | on demand |
| Temperature sensors in winding | 3 x PTC | Optional accessories | on demand |

## STANDARDS

IEC 60034-1

## ADDITIONAL INFO

| | | | |
|---|---|---|---|
| Rotor voltage [V] | 351 | Rotor current [A] | 155 |



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