



Inquiry DC Motors

1 GENERAL

company _____ name, first name _____

2 APPLICATION

3 SPEZIFICATIONS rated

power _____ kW

rated motor speed _____ min⁻¹

rotor voltage _____ V DC

excitation voltage _____ V DC

TYPE OF CONSTRUCTION

IM B5 (IM 3001) IM V1 (IM 3011) IM B3 (IM 1001) IM B 35 (IM 2001) _____ other

POSITION OF TERMINAL BOX

standard of type right left top bottom none

MODE OF OPERATION

S1 continuous duty S2 – 60 min (short time duty) _____ other

TYPE OF COOLING

IC 411 IC 416 IC 410 IC 06 IC 01 IC _____ other

PROTECTION TYPE

IP 44 IP 54 IP 55 IP 23 IP _____ other

SITE ALTITUDE

< 1000 m above MSL _____ other _____ m above MSL

AMBIENT TEMPERATURE

0 – 40°C _____ other _____ °C

COLOR

standard RAL 9005 RAL _____ other _____ other _____

4 EXPLOSION PROTECTION

ATEX IECEx CSA/UL CSA _____ other

| ZONE | | EQUIPMENT CATEGORY | | EXPLOSION GROUP | | | TEMPERATURE CLASS | | | |
|------|---|--------------------|----|-----------------|-----|-----|-------------------|----|----|----|
| 1 | 2 | 2G | 3G | IIA | IIB | IIC | T3 | T4 | T5 | T6 |

5 MECHANICAL ATTACHMENTS

(different to the standard)

TORQUE TRANSMISSION

coupling pinion V-belt

TRANSMISSION OUTPUT SPEED

_____ min⁻¹

SHAFT END

D _____ mm E _____ mm R _____ mm

2nd SHAFT END

D _____ mm E _____ mm R _____ mm



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6 SEPARATE FAN

POSITION

left right top
air intake filter

POWER SUPPLY

voltage _____ V frequency _____ Hz 1-phase 3-phase

7 TACHOGENERATOR/ENCODER

TDP 0,2 LT4, 60 V/1.000 min⁻¹ GTB 9.06L/420, 20 V/1.000⁻¹ HOG 71DN-1024 TTL HOG 71DNCl-1024 HTL
other _____

8 TEMPERATURE MONITORING

PTC thermistor temperature feeler (opener) temperature sensors KTY84 other _____

9 SPACE HEATER

voltage _____ V frequency _____ Hz

10 BRAKE

holding brake working brake microswitch manual release
brake torque _____ Nm brake voltage _____ V

11 VOLTAGE SUPPLY/CONTROL

battery
(constant speed, starting resistor available on request)
power supply _____ V speed range _____ min⁻¹
offer suitable controller

12 OTHER NOTES