

Information

Please note that the following data may be incomplete.

When ordering spare parts please indicate the complete serial number.

Catalog designation

SA37 DRS80M2BE1/LN

Helical-worm gearmotors S..DRS.. (IE1)

Click these icons for further information in Online Support









Reference data

Transaction : 71853277 Item : 300

Serial number : 05.7185327703.0001.15

Product data

Speed 50Hz [r/min] : 2840 / 260 Speed 60Hz [r/min] : 3475 / 319 Total ratio [i] : 10,91 Ma max [Nm] : 39 Output torque 50Hz [Nm] : 37 Output torque 60Hz [Nm] : 30 Service factor SEW-FB : 1,05 / 1,15 Mounting position : M1A

ISO code: CLP 680Lubricant type: Miner.OilLubricant volume [l]: 0,25

Motor power [kW] : 1.1 / 1.1 Cyclic duration factor S1-S10 : S1

Multi range-voltage 50Hz [V] : 220-242 delta / 380-420 star

Nominal current [A] : 4,20 / 2,40

Multi range-voltage 60Hz [V] : 254-277 delta / 440-480 star

Nominal current [A] : 3,35 / 1,93 motor frequency A [Hz] : 50 motor frequency B [Hz] : 60 cos phi : 0,88 / 0,87 Thermal cl.[°C]/Enclosure[IP] : 130(B) / 55 : IE1 International efficiency class Efficiency 50 Hz : 76,5 Efficiency 60 Hz : 81,5

Efficiency 50Hz

at 50/75/100% Pn [%] : 80,2 / 77,7 / 76,5

Efficiency 60Hz

at 50/75/100% Pn [%] : 82,0 / 82,5 / 81,5

Ambient temperature min. [°C] : -20
Ambient temperature max. [°C] : 40
Brake voltage [V]/-torque [Nm] : 400 AC / 7
Brake voltage range [V] : 380-480 AC
Brake rectifier nameplate : BG1.5

Nameplate : French
Nameplate text : 2938917
Weight : 23.00 kg



The present product information does not represent a quotation in legal terms. Technical data is subject to a final technical verification. This verification is performed when a quotation/order is created. A legally binding contract does not come into force until an order is issued by the customer and this order is confirmed.

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