

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 680
Lubricant type	: Miner.Oil
Lubricant 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
International efficiency class	: IE1
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



