

Information

This product
- is a special design

Catalog designation

K37 DRN100LM4
Bevel-helical gearmotors K..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 425127462
Item : 100

Product data

Speed [r/min]	: 1762 / 329
Total ratio [i]	: 5,36 / infinite
Ma max [Nm]	: 140
Ta max [lb-in]	: 1.240
Output torque [Nm]	: 64
Output torque [lb-in]	: 565
Service factor SEW-FB	: 2,20
Mounting position	: M1AB
Term.box.pos.[°] / cable entry	: 0 (R) / position 3
Lubricant / -volume [l]	: CLP HC 220 Synth.Oil / 0,50
Lubricant volume [US gal]	: 0.13
Paint coat	: Top coat RAL5001 (green blue)
Gear unit	: K37
Output shaft end	: 1.000x1.97 inch
Output shaft design	: with keyway/with key
Design	: Foot-mounted version
Number of oil sight glasses	: 1
Position of oil sight glass 1	: B41
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dimens. sheet	: 33001_95
Documentation no. A	: 31978088
Spare parts list	: You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support.
Order comments special design	: Supply 3D bullseye oil sight glass.
Motor	: DRN100LM4
Motor power [kW]	: 2.2
Motor power [HP]	: 3.0
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 230/460 double star/star
Nominal current [A]	: 8,40 / 4,20
cos phi	: 0,73
Wiring diagram	: R76 / 680430706
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 54
Service factor motor	: 1.15



International efficiency class	: IE3
Efficiency	
at 50/75/100% Pn [%]	: 88,1 / 89,5 / 89,5
Design specification	: USA (UR) /Canada (CSA)
CE mark	: No
EISA identification	: Yes, conform to EISA
K.V.A.code	: M
Design	: NEMA A
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xNPT 3/4", 1xNPT 1/2"
CT speed range	: 300-1800rpm
Documentation no. A	: 25957074 26861313 30589460
Spare parts list	: You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support.
Nameplate	: English / Imperial units
Nameplate position	: 270°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015220
Weight	: 40.20 kg