

Catalog designation

R37 DRN80M4
Helical gearmotors R..DRN.. (IE3)

Click these icons for further information in Online Support

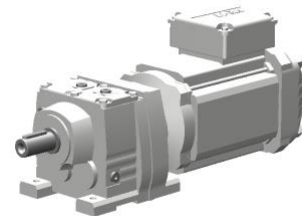


Reference data

Transaction : 424737632
Item : 100

Product data

Speed 50Hz [r/min]	: 1440 / 142
Speed 60Hz [r/min]	: 1751 / 173
Total ratio [i]	: 10,11 / infinite
Ma max [Nm]	: 170
Output torque 50Hz [Nm]	: 50
Output torque 60Hz [Nm]	: 41
Service factor SEW-FB	: 3,40 / 4,10
Mounting position	: M1
Term.box.pos.[°] / cable entry	: 270 (T) / position 2
Lubricant / -volume [l]	: CLP PG-460-NSF-H1 Oil f.Food / 0,30
Paint coat	: Top coat RAL9003 (signal white)
Gear unit	: R37
Output shaft end	: 25x50mm lg.
Output shaft design	: with keyway/with key
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dimens. sheet	: 01001__96
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.
Motor	: DRN80M4
Motor power [kW]	: 0.75
Cyclic duration factor S1-S10	: S1
Multi range-voltage 50Hz [V]	: 220-230 delta / 380-400 star
Nominal current [A]	: 3,05 / 1,75
Multi range-voltage 60Hz [V]	: 254-266 delta / 440-460 star
Nominal current [A]	: 2,70 / 1,56
cos phi	: 0,74 / 0,70
Wiring diagram	: R13 / 680010506
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
Service factor motor	: 1.15
International efficiency class	: IE3
Efficiency 50Hz	
at 50/75/100% Pn [%]	: 80,7 / 82,9 / 82,9
Efficiency 60Hz	
at 50/75/100% Pn [%]	: 82,0 / 84,9 / 85,5
Design specification	: Europe (CE)/USA (UR)/Canada (CSA)
CE mark	: Yes



EISA identification	: Yes, conform to EISA
K.V.A.code	: M
Design	: NEMA C
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xM25, 1xM16
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
Nameplate position	: 180°
Nameplate text	: 906-572/A
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 21.88 kg