

Catalog designation

RF137 DRN200L4
Helical gearmotors R..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 423614254
Item : 100

Product data

Speed 50Hz [r/min]	: 1480 / 33
Speed 60Hz [r/min]	: 1783 / 40
Total ratio [i]	: 44,39 / infinite
Ma max [Nm]	: 8.000
Ta max [lb-in]	: 70.800
Output torque 50Hz [Nm]	: 8590
Output torque 60Hz [Nm]	: 7130
Service factor SEW-FB	: 0,95 / 1,10
Mounting position	: M2
Term.box.pos.[°] / cable entry	: 90 (B) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 27,00
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: RF137
Output shaft end	: 90x170 mm lg. with key
Output shaft design	: with keyway/with key
Flange	: 450mm
Output oil seal	: 2 oil seals
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dimens. sheet	: 01002_96
Documentation no. A	: 31551629
Spare parts list	: You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support.
Motor	: DRN200L4
Motor power [kW]	: 30
Motor power [HP]	: 40
Cyclic duration factor S1-S10	: S1
Multi range-voltage 50Hz [V]	: 220-230 delta / 380-400 star
Nominal current [A]	: 100,00 / 57,00
Multi range-voltage 60Hz [V]	: 254-266 delta / 440-460 star
Nominal current [A]	: 87,00 / 50,00
cos phi	: 0,82 / 0,82
Wiring diagram	: R13 / 680010306
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
International efficiency class	: IE3
Efficiency 50Hz	
at 50/75/100% Pn [%]	: 93,3 / 93,9 / 93,6
Efficiency 60Hz	
at 50/75/100% Pn [%]	: 93,0 / 94,0 / 94,1
CE mark	: Yes



Terminal box	: Terminal box lower part made of aluminum with tapped hole 2xM50, 2xM16
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	: 0°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015230
Weight	: 537.00 kg