

Information

This product
- is a special design

Catalog designation

RF57 DRN80MK4
Helical gearmotors R..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 426039498
Item : 100

Product data

Speed [r/min]	: 1745 / 18
Total ratio [i]	: 98,99 / infinite
Output torque [Nm]	: On request
Mounting position	: M1
Term.box.pos.[°] / cable entry	: 0 (R) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 0,80
Lubricant volume [US gal]	: 0.21
Paint coat	: Top coat RAL5001 (green blue)
Gear unit	: RF57
Output shaft end	: Part no. 0043 565 1, 1.250 inch, i=110mm, i2=80mm, flange diameter d=250mm with key, shaft material: 42CrMoS4+QT
Flange	: 250mm
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dims. sheet	: 01002_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	: DRN80MK4
Motor power [kW]	: 0.55
Motor power [HP]	: 0.75
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 230/460 double star/star
Nominal current [A]	: 2,30 / 1,15
cos phi	: 0,71
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 [%]	: 78,1 / 81,0 / 81,5
Design specification	: USA (UR) /Canada (CSA)



CE mark	: No
EISA identification	: Yes, conform to EISA
K.V.A.code	: L
Terminal box	: Terminal box lower part made of aluminum with tapped hole 2xNPT 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	: 85015100
Weight	: 31.33 kg