

## Catalog designation

R37 DRN80MK4  
Helical gearmotors R..DRN.. (IE3)

Click these icons for further information in Online Support



## Reference data

Transaction : 425962774  
Item : 100

## Product data

Speed [r/min]	: 1745 / 36
Total ratio [i]	: 48,08 / infinite
Ma max [Nm]	: 200
Ta max [lb-in]	: 1.770
Output torque [Nm]	: 145
Output torque [lb-in]	: 1280
Service factor SEW-FB	: 1,40
Mounting position	: M1
Term.box.pos.[°] / cable entry	: 0 (R) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 0,30
Lubricant volume [US gal]	: 0.080
Paint coat	: Top coat RAL3020 (traffic red)
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	: 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	: 277/480 delta/star
Nominal current [A]	: 1,92 / 1,10
cos phi	: 0,71
Wiring diagram	: R13 / 680010506
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	: 19.08 kg