

Catalog designation

R37 DRN90L4
Helical gearmotors R..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 426020491
Item : 100

Product data

Speed [r/min]	: 1767 / 133
Total ratio [i]	: 13,25 / infinite
Ma max [Nm]	: 190
Ta max [lb-in]	: 1.680
Output torque [Nm]	: 107
Service factor SEW-FB	: 1,75
Mounting position	: M5
Term.box.pos.[°] / cable entry	: 0 (R) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 0,75
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: R37
Output shaft end	: 1.000x1.97 inch
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	: DRN90L4
Motor power [kW]	: 1.5
Motor power [HP]	: 2.0
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 230/460 double star/star
Nominal current [A]	: 6,00 / 3,00
cos phi	: 0,70
Wiring diagram	: R76 / 680430706
Connection set at factory	: Star
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 54
Service factor motor	: 1.15
International efficiency class	: IE3
Efficiency at 50/75/100% Pn [%]	: 83,8 / 86,1 / 86,5
Design specification	: Canada (CSA)
CE mark	: No
K.V.A.code	: M
Design	: IEC H
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
Nameplate position	: 270°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015220
Weight	: 29.77 kg