

Catalog designation

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

Click these icons for further information in Online Support



Reference data

Transaction : 424425919
Item : 100

Product data

Speed [r/min] : 1767 / 92
Total ratio [i] : 19,31 / infinite
Ma max [Nm] : 200
Ta max [lb-in] : 1.770
Output torque [Nm] : 157
Output torque [lb-in] : 1390
Service factor SEW-FB : 1,30
Mounting position : M1
Term.box.pos.[°] / cable entry : 270 (T) / normal
Lubricant / -volume [l] : CLP 220 Miner.Oil / 0,30
Lubricant volume [US gal] : 0.080
Paint coat : Top coat RAL7031 (blue gray)



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 : 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 : 220/440 double star/star
Nominal current [A] : 6,30 / 3,15
cos phi : 0,70
Wiring diagram : R76 / 680430506
Thermal cl.[°C]/Enclosure[IP] : 155(F) / 55
Service factor motor : 1.15
International efficiency class : IE3
Efficiency
at 50/75/100% Pn [%] : 83,8 / 86,1 / 86,5
Design specification : USA (UR) /Canada (CSA)
CE mark : No
EISA identification : Yes, conform to EISA
K.V.A.code : M
Design : NEMA A

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	: 180°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015220
Weight	: 29.35 kg