

Catalog designation

R67 DRN90L4
Helical gearmotors R..DRN.. (IE3)

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Reference data

Transaction : 426287940
Item : 100

Product data

Speed 50Hz [r/min]	: 1461 / 21
Speed 60Hz [r/min]	: 1767 / 25
Total ratio [i]	: 69,75 / infinite
Ma max [Nm]	: 600
Ta max [lb-in]	: 5.310
Output torque 50Hz [Nm]	: 685
Output torque 50Hz [lb-in]	: 6060
Output torque 60Hz [Nm]	: 565
Output torque 60Hz [lb-in]	: 5000
Service factor SEW-FB	: 0,90 / 1,05
Mounting position	: M1
Term.box.pos.[°] / cable entry	: 0 (R) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 1,10
Lubricant volume [US gal]	: 0.29
Paint coat	: Top coat RAL7031 (blue gray)
 Gear unit	 : R67
Output shaft end	: 35x70mm 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	: 33353387
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
Cyclic duration factor S1-S10	: S1
Multi range-voltage 50Hz [V]	: 220-230 delta / 380-400 star
Nominal current [A]	: 6,00 / 3,45
Multi range-voltage 60Hz [V]	: 254-266 delta / 440-460 star
Nominal current [A]	: 5,20 / 3,00
cos phi	: 0,74 / 0,70
Wiring diagram	: R13 / 680010506
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
Service factor motor	: 1.15
International efficiency class	: IE3
Efficiency 50Hz at 50/75/100% Pn [%]	: 84,6 / 86,1 / 85,6
Efficiency 60Hz	



at 50/75/100% Pn [%]	: 83,5 / 85,9 / 86,5
Design specification	: Europe (CE)/USA (UR)/Canada (CSA)
CE mark	: Yes
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 1xM25, 1xM16
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	: 46.58 kg