

Catalog designation

R27 DRN71M4
Helical gearmotors R..DRN.. (IE3)

Click these icons for further information in Online Support

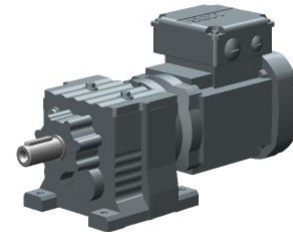


Reference data

Transaction : 425547069
Item : 200

Product data

Speed 50Hz [r/min] : 1415 / 44
Speed 60Hz [r/min] : 1730 / 53
Total ratio [i] : 32,47 / infinite
Ma max [Nm] : 130
Ta max [lb-in] : 1.150
Output torque 50Hz [Nm] : 81
Output torque 60Hz [Nm] : 66
Service factor SEW-FB : 1,60 / 1,95
Mounting position : M1
Term.box.pos.[°] / cable entry : 270 (T) / normal
Lubricant / -volume [l] : CLP 220 Miner.Oil / 0,25
Paint coat : Top coat RAL7031 (blue gray)



Gear unit : R27
Output shaft end : 25x50mm lg.
Output shaft design : with keyway/with key
Breather variant : Gear unit closed
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 : DRN71M4
Motor power [kW] : 0.37
Motor power [HP] : 0.50
Cyclic duration factor S1-S10 : S1
Multi range-voltage 50Hz [V] : 220-240 delta / 380-415 star
Nominal current [A] : 1,83 / 1,05
Multi range-voltage 60Hz [V] : 254-277 delta / 440-480 star
Nominal current [A] : 1,65 / 0,95
cos phi : 0,66 / 0,62
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 [%] : 74,3 / 77,3 / 77,3
Efficiency 60Hz at 50/75/100% Pn [%] : 74,3 / 77,7 / 78,5
Design specification : Europe (CE)/USA (UR)/Canada (CSA)
CE mark : Yes
EISA identification : Yes, conform to EISA

K.V.A.code	: K
Fan guard	: Metal fan guard
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	: 180°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 12.39 kg