

Catalog designation

K37 DRN100LM4
Bevel-helical gearmotors K..DRN.. (IE3)

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Reference data

Transaction : 424965916
Item : 100

Product data

Speed [r/min] : 1762 / 329
Total ratio [i] : 5,36 / infinite
Ma max [Nm] : 140
Ta max [lb-in] : 1.240
Output torque [Nm] : 64
Output torque [lb-in] : 565
Service factor SEW-FB : 2,20
Mounting position : M1A
Term.box.pos.[°] / cable entry : 0 (R) / normal
Lubricant / -volume [l] : CLP 220 Miner.Oil / 0,50
Lubricant volume [US gal] : 0.13
Paint coat : Top coat RAL5001 (green blue)



Gear unit : K37
Output shaft end : 1.000x1.97 inch
Output shaft design : with keyway/with key
Design : Foot-mounted version
Breather variant : Standard
Delivery state : Breather valve mounted
Screw plug bore dimens. sheet : 33001__95
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 : DRN100LM4
Motor power [kW] : 2.2
Motor power [HP] : 3.0
Motor frequency [Hz] : 60
Cyclic duration factor S1-S10 : S1
Motor voltage [V] / conn. type : 230/460 double star/star
Nominal current [A] : 8,40 / 4,20
cos phi : 0,73
Wiring diagram : R76 / 680430706
Thermal cl.[°C]/Enclosure[IP] : 155(F) / 54
Service factor motor : 1.15
International efficiency class : IE3
Efficiency
at 50/75/100% Pn [%] : 88,1 / 89,5 / 89,5
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 1xNPT 3/4", 1xNPT 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	: 85015220
Weight	: 40.01 kg