

Catalog designation

KA87B DRN160M4
Bevel-helical gearmotors K..DRN.. (IE3)

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Reference data

Transaction : 423324192
Item : 100

Product data

Speed [r/min]	: 1776 / 79
Total ratio [i]	: 22,41 / infinite
Ma max [Nm]	: 2.300
Ta max [lb-in]	: 20.400
Output torque [Nm]	: 1330
Output torque [lb-in]	: 11800
Service factor SEW-FB	: 1,75
Mounting position	: M1A
Term.box.pos.[°] / cable entry	: 180 (L) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 3,70
Lubricant volume [US gal]	: 0.98
Corrosion protection	: Yes
Surface protection	: OS2 to technical data sheet 01802_94
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: KA87B
Hollow shaft	: 60mm
Design	: Foot-mounted version and hollow shaft
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dimens. sheet	: 33001_95
Documentation no. A	: 31551629
Parts list	: 382632395
Motor	: DRN160M4
Motor power [kW]	: 11
Motor power [HP]	: 15.0
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 220/440 double delta/delta
Nominal current [A]	: 38,50 / 19,30
Motor voltage [V] / conn. type	: 380 double star
Nominal current [A]	: 22,50
cos phi	: 0,80
Wiring diagram	: R72-3 / 682040109
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
Service factor motor	: 1.15
International efficiency class	: IE3
Efficiency	
at 50/75/100% Pn [%]	: 91,2 / 92,3 / 92,4
Design specification	: USA (UR) /Canada (CSA)
CE mark	: No



EISA identification	: Yes, conform to EISA
K.V.A.code	: H
Design	: NEMA A
Terminal box	: Terminal box lower part made of graycast iron with tapped hole 2xNPT 1 1/2", 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	: 85015230
Weight	: 209.00 kg