

Catalog designation

KAF47 DRN100L4
 Bevel-helical gearmotors K..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 424379348
 Item : 100

Product data

Speed [r/min]	: 1758 / 267
Total ratio [i]	: 6,58 / infinite
Ma max [Nm]	: 240
Ta max [lb-in]	: 2.120
Output torque [Nm]	: 132
Service factor SEW-FB	: 1,80
Mounting position	: M1A
Term.box.pos.[°] / cable entry	: 180 (L) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 0,80
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: KAF47
Hollow shaft	: 35mm
Design	: B5-flange-mounted version and hollow shaft
Safety cover	: None
Flange	: 200mm
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dimens. sheet	: 33140_09
Documentation no. A	: 31988733
Spare parts list	: You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support.
Motor	: DRN100L4
Motor power [kW]	: 3.7
Motor power [HP]	: 5.0
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 230/460 double star/star
Nominal current [A]	: 14,30 / 7,20
cos phi	: 0,72
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 [%]	: 87,8 / 89,4 / 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	: 550-1800rpm
Documentation no. A	: 25957201 26861445 30589592
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	: Polish / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015220
Weight	: 53.60 kg