

Catalog designation

KA97B DRN132M4
 Bevel-helical gearmotors K..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 424965920
 Item : 100

Product data

Speed [r/min]	: 1774 / 14
Total ratio [i]	: 123,93 / finite
No. of teeth nom./denominator	: 126907/1024
Ma max [Nm]	: 4.300
Ta max [lb-in]	: 38.100
Output torque [Nm]	: 5000
Output torque [lb-in]	: 44300
Service factor SEW-FB	: 0,85
Mounting position	: M1A
Term.box.pos.[°] / cable entry	: 180 (L) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 7,00
Lubricant volume [US gal]	: 1.85
Corrosion protection	: Yes
Surface protection	: OS2 to technical data sheet 01802_94
Paint coat	: Top coat RAL5001 (green blue)
Gear unit	: KA97B
Hollow shaft	: 2.750 inch
Design	: Foot-mounted version and hollow shaft
Output oil seal	: 2 oil seals
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	: DRN132M4
Motor power [kW]	: 7.5
Motor power [HP]	: 10.0
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 230/460 double star/star
Nominal current [A]	: 26,50 / 13,30
cos phi	: 0,77
Wiring diagram	: R76 / 680430706
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 66
Service factor motor	: 1.15
International efficiency class	: IE3
Efficiency	



at 50/75/100% Pn [%]	: 91,1 / 91,9 / 91,7
Design specification	: USA (UR) /Canada (CSA)
CE mark	: No
EISA identification	: Yes, conform to EISA
K.V.A.code	: K
Design	: NEMA A
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xNPT 1 1/4", 2xNPT1/2"
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	: 85015220
Weight	: 214.22 kg