

Catalog designation

R47 DRN80M4
Helical gearmotors R..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 426262384
Item : 100

Product data

Speed [r/min]	: 1751 / 292
Total ratio [i]	: 6,00 / infinite
Ma max [Nm]	: 156
Ta max [lb-in]	: 1.380
Output torque [Nm]	: 25
Output torque [lb-in]	: 220
Service factor SEW-FB	: 6,40
Mounting position	: M6
Term.box.pos.[°] / cable entry	: 270 (T) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 1,50
Lubricant volume [US gal]	: 0.40
Paint coat	: Top coat RAL9005 (jet black)
Gear unit	: R47
Output shaft end	: 30x60mm lg.
Output shaft design	: with keyway/with key
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dimens. sheet	: 01001__96
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	: DRN80M4
Motor power [kW]	: 0.75
Motor power [HP]	: 1.0
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 277/480 delta/star
Nominal current [A]	: 2,60 / 1,49
cos phi	: 0,70
Wiring diagram	: R13 / 680010506
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
International efficiency class	: IE3
Efficiency	
at 50/75/100% Pn [%]	: 82,0 / 84,9 / 85,5
Design specification	: IEC 60034
CE mark	: No
EISA identification	: Yes, conform to EISA
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xM25, 1xM16



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	: 0°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 26.66 kg