

Catalog designation

R147 DRN180L4
Helical gearmotors R..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 424690602
Item : 200

Product data

Speed [r/min]	: 1477 / 24
Total ratio [i]	: 61,09 / infinite
Ma max [Nm]	: 13.000
Ta max [lb-in]	: 115.100
Output torque [Nm]	: 8690
Service factor SEW-FB	: 1,50
Mounting position	: M1
Term.box.pos.[°] / cable entry	: 0 (R) / normal
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 15,40
Paint coat	: Top coat RAL7031 (blue gray)
 Gear unit	 : R147
Output shaft end	: 110x210mm lg.
Output shaft design	: with keyway/with key
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dims. 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	 : DRN180L4
Motor power [kW]	: 22
Motor power [HP]	: 30
Motor frequency [Hz]	: 50
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 400/690 delta/star
Nominal current [A]	: 38,50 / 22,50
cos phi	: 0,87
Wiring diagram	: R13 / 680010506
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
International efficiency class	: IE3
Efficiency at 50/75/100% Pn [%]	: 93,4 / 93,6 / 93,0
CE mark	: Yes
Terminal box	: Terminal box lower part made of aluminum with tapped hole 2xM40, 2xM16
 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	: 552.31 kg