

Catalog designation

R27 DRU80SJ4
Helical gearmotors R..DRU..J (IE4)

Click these icons for further information in Online Support



Reference data

Transaction : 424959200
Item : 100

Product data

Speed [r/min]	: 1500 / 67
Total ratio [i]	: 22,32 / infinite
Ma max [Nm]	: 130
Ta max [lb-in]	: 1.150
Output torque [Nm]	: 78
Service factor SEW-FB	: 1,65
Mounting position	: M1
Term.box.pos.[°] / cable entry	: 0 (R) / normal
Lubricant / -volume [l]	: CLP HC-460-NSF-H1 Oil f.Food / 0,25
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: R27
Output shaft end	: 25x50mm lg.
Output shaft design	: with keyway/with key
Breather variant	: Gear unit closed
Documentation no. A	: 31988660
Spare parts list	: You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support.
Motor	: DRU80SJ4
Motor power [kW]	: 0.55
Motor power [HP]	: 0.75
Motor frequency [Hz]	: 50
Cyclic duration factor S1-S10	: S1
Synchr. breakdown torque ratio	: 2.0
Motor voltage [V] / conn. type	: 400 star
Nominal current [A]	: 0,97
Wiring diagram	: R13Y / 681960209
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
International efficiency class	: IE4
Efficiency at 100% Pn [%]	: 86,0
CE mark	: Yes
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xM25, 1xM16
Inverter operating mode	: Frequency inverter-star
Inverter frequencies Y [Hz]	: 10,0 / 20 / 30 / 50
Inverter voltages Y [V]	: 95 / 170 / 240 / 400
Inverter currents Y [A]	: 0.97 / 0.97 / 0.97 / 0.97
Inverter speeds Y [rpm]	: 300 / 600 / 900 / 1500



Inverter torques Y [Nm]	: 3.50 / 3.50 / 3.50 / 3.50
Documentation no. A	: 21281858 25957120 26861372 30589517
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	: Swedish / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 14.19 kg