

Catalog designation

STF47 DRN80MK4
Helical-worm gearmotors S..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 425817876
Item : 100

Product data

Speed [r/min]	: 1745 / 189
Total ratio [i]	: 9,23 / finite
No. of teeth nom./denominator	: 369/40
Ma max [Nm]	: 105
Ta max [lb-in]	: 930
Output torque [Nm]	: 25
Output torque [lb-in]	: 220
Service factor SEW-FB	: 4,20
Mounting position	: M5A
Term.box.pos.[°] / cable entry	: 180 (L) / normal
Lubricant / -volume [l]	: CLP 680 Miner.Oil / 0,80
Lubricant volume [US gal]	: 0.21
Paint coat	: Top coat RAL5001 (green blue)
Gear unit	: STF47
Hollow shaft	: 1.250 inch
Design	: Torqloc with flange design
Safety cover	: Sheet metal fixed with gasket.
Flange	: 160mm
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dimens. sheet	: 27001__97
Documentation no. A	: 26854953 31978088
Spare parts list	: You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support.
Motor	: DRN80MK4
Motor power [kW]	: 0.55
Motor power [HP]	: 0.75
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 230/460 double star/star
Nominal current [A]	: 2,30 / 1,15
cos phi	: 0,71
Wiring diagram	: R76 / 680430706
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 54
Service factor motor	: 1.15
International efficiency class	: IE3
Efficiency	
at 50/75/100% Pn [%]	: 78,1 / 81,0 / 81,5
Design specification	: USA (UR) /Canada (CSA)
CE mark	: No



EISA identification	: Yes, conform to EISA
K.V.A.code	: L
Terminal box	: Terminal box lower part made of aluminum with tapped hole 2xNPT 1/2"
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 / Imperial units
Nameplate position	: 270°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 22.84 kg