

Catalog designation

SF37 DRN63MS4
Helical-worm gearmotors S..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 425721029
Item : 100

Product data

Speed [r/min]	: 1700 / 109
Total ratio [i]	: 15,53 / infinite
Ma max [Nm]	: 48
Ta max [lb-in]	: 425
Output torque [Nm]	: 9
Service factor SEW-FB	: 5,20
Mounting position	: M2A
Term.box.pos.[°] / cable entry	: 90 (B) / normal
Lubricant / -volume [l]	: CLP 680 Miner.Oil / 0,40
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: SF37
Output shaft end	: 20x40mm lg.
Output shaft design	: with keyway/with key
Design	: Flange-mounted version
Flange	: 120mm
Breather variant	: Standard
Delivery state	: Breather valve mounted
Screw plug bore dimens. sheet	: 27001__97
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	: DRN63MS4
Motor power [kW]	: 0.12
Motor power [HP]	: 0.16
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 254/440 delta/star
Nominal current [A]	: 0,67 / 0,38
cos phi	: 0,58
Wiring diagram	: R13 / 680010506
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
International efficiency class	: IE3
Efficiency	
at 50/75/100% Pn [%]	: 57,7 / 63,7 / 66,0
Design specification	: IEC 60034
CE mark	: No
Additional identification for China Energy Label	: China
Documentation no. A	: No, except according to GB18613/CEL007
	: 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	: 180°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 11.20 kg