

Catalog designation

SF37 DRS71S4BE05HR

Helical-worm gearmotors S..DRS.. (IE1)

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Reference data

Transaction	: 75424995
Item	: 900
Serial number	: 87.7542499509.0001.18.90

Product data

Speed [r/min]	: 1710 / 16
Total ratio [i]	: 106,00 / finite
No. of teeth nom./denominator	: 106/1
Ma max [Nm]	: 86
Ta max [lb-in]	: 760
Output torque [Nm]	: 65
Output torque [lb-in]	: 575
Service factor SEW-FB	: 1,30
Mounting position	: M1B
Term.box.pos.[°] / cable entry	: 90 (B) / position 2
Lubricant / -volume [l]	: CLP 680 Miner.Oil / 0,25
Lubricant volume [US gal]	: 0.065
Paint coat	: Top coat RAL5001 (green blue)

Gear unit	: SF37
Output shaft end	: 20x40mm lg.
Design	: Flange-mounted version
Flange	: 160mm
Documentation no. A	: 21932786
Parts list	: 022580996

Motor	: DRS71S4BE05HR
Motor power [kW]	: 0.18
Motor power [HP]	: 0.25
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 460 star
Nominal current [A]	: 0,44
cos phi	: 0,70
Wiring diagram	: R76J / 680530306
Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 54
Service factor motor	: 1.15
Efficiency	
at 50/75/100% Pn [%]	: 69,0 / 73,0 / 74,0
Design specification	: USA (UR) /Canada (CSA)
CE mark	: Yes
EISA identification	: Yes, conform to EISA
K.V.A.code	: H
Brake	: BE05
Brake release	: HR = manual brake release
	: automatic re-engaging
Position brake release [°]	: 33
Brake voltage [V]/-torque [Nm]	: 460 AC / 5

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Brake torque [lb-in]	: 44
Brake voltage selection [V]	: Motor in star connection, brake : directly connected to the terminal board : Brake voltage = conductor-conductor
Brake rectifier	: BG1.5
Terminal box	: Terminal box lower part made of aluminum : with tapped hole 3xNPT 1/2"
Documentation no. A	: 22760253
Parts list	: 091031305
Nameplate	: English / Imperial units
Nameplate position	: 0°
Nameplate text	: WWH4454
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 18.00 kg