

Catalog designation

RF37 R17 DRS71S4BE05HR
Helical gearmotors R..DRS.. (IE1)

Click these icons for further information in Online Support



Reference data

Transaction	: 75212367
Item	: 100
Serial number	: 87.7521236701.0001.18.90

Product data

Speed [r/min]	: 1710 / 3.9
Total ratio [i]	: 439 / infinite
Ma max [Nm]	: 200
Ta max [lb-in]	: 1.770
Output torque [Nm]	: 375
Output torque [lb-in]	: 3320
Service factor SEW-FB	: 0,55
Note	: In case the operation is not according to the project planning, the motor can overload the gear unit.
Mounting position	: M6
Term.box.pos.[°] / cable entry	: 0 (R) / position 2
Lubricant / -volume [l]	: CLP 220 Miner.Oil / 0,95 / 0,25
Lubricant volume [US gal]	: 0.25 / 0.065
Paint coat	: Top coat RAL5001 (green blue)
Gear unit	: RF37
Output shaft end	: 25x50mm lg.
Flange	: 160mm
Documentation no. A	: 21932786
Parts list	: 012641097
Gear unit	: R17
Mounting pos.primary gear unit	: M1
Primary gear unit position [°]	: 180
Parts list	: 012511099
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 [°]	: 303
Brake voltage [V]/-torque [Nm]	: 460 AC / 5
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	: 270°
Nameplate text	: WWH4294
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 25.00 kg