

Catalog designation

R47 DRN90S4
Helical gearmotors R..DRN.. (IE3)

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Reference data

Transaction : 420610181
Item : 100

Product data

Speed [r/min] : 1762 / 59
Total ratio [i] : 29,88 / infinite
Ma max [Nm] : 300
Ta max [lb-in] : 2.660
Output torque [Nm] : 178
Service factor SEW-FB : 1,70
Mounting position : M1
Term.box.pos.[°] / cable entry : 0 (R) / normal
Lubricant / -volume [l] : CLP 220 Miner.Oil / 0,70
Paint coat : Top coat RAL7031 (blue gray)



Gear unit : R47
Output shaft end : 1.250x2.36 inch
Output shaft design : with keyway/with key
Output oil seal : 2 oil seals
Documentation no. A : 27784460
: 27797244

Parts list : 63050811

Motor : DRN90S4
Motor power [kW] : 1.1
Motor power [HP] : 1.5
Motor frequency [Hz] : 60
Cyclic duration factor S1-S10 : S1
Motor voltage [V] / conn. type : 230/460 double star/star
Nominal current [A] : 4,60 / 2,30
cos phi : 0,69
Wiring diagram : R76 / 680430506
Thermal cl.[°C]/Enclosure[IP] : 155(F) / 54
Service factor motor : 1.15
International efficiency class : IE3
Efficiency
at 50/75/100% Pn [%] : 83,5 / 86,1 / 86,5
Design specification : USA (without UR)
CE mark : No
EISA identification : Yes, conform to EISA
K.V.A.code : M
Design : NEMA C
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

Spare parts list	: 26864282 : 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	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015220
Weight	: 32.00 kg