

Catalog designation

R87 DRN132S4
Helical gearmotors R..DRN.. (IE3)

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Reference data

Transaction : 424690602
Item : 100

Product data

Speed 50Hz [r/min] : 1464 / 63
Speed 60Hz [r/min] : 1768 / 76
Total ratio [i] : 23,40 / infinite
Ma max [Nm] : 1.550
Ta max [lb-in] : 13.700
Output torque 50Hz [Nm] : 840
Output torque 60Hz [Nm] : 695
Service factor SEW-FB : 1,85 / 2,20
Mounting position : M1
Term.box.pos.[°] / cable entry : 0 (R) / normal
Lubricant / -volume [l] : CLP 220 Miner.Oil / 2,30
Paint coat : Top coat RAL7031 (blue gray)



Gear unit : R87
Output shaft end : 50x100mm lg.
Output shaft design : with keyway/with key
Breather variant : Standard
Delivery state : Breather valve mounted
Screw plug bore dimens. sheet : 01001__96
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 : DRN132S4
Motor power [kW] : 5.5
Motor power [HP] : 7.5
Cyclic duration factor S1-S10 : S1
Multi range-voltage 50Hz [V] : 220-230 delta / 380-400 star
Nominal current [A] : 20,00 / 11,60
Multi range-voltage 60Hz [V] : 254-266 delta / 440-460 star
Nominal current [A] : 17,10 / 9,90
Information : With 240/415V, 50Hz and 277/480V, 60Hz, data on a separate adhesive label
cos phi : 0,79 / 0,78
Wiring diagram : R13 / 680010506
Thermal cl.[°C]/Enclosure[IP] : 155(F) / 55
Service factor motor : 1.15
International efficiency class : IE3
Efficiency 50Hz at 50/75/100% Pn [%] : 90,1 / 90,4 / 89,6
Efficiency 60Hz

at 50/75/100% Pn [%]	: 90,9 / 91,8 / 91,7
Design specification	: Europe (CE)/USA (UR)/Canada (CSA)
CE mark	: Yes
EISA identification	: Yes, conform to EISA
K.V.A.code	: L
Design	: NEMA A
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xM32, 1xM16
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
Nameplate position	: 270°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015220
Weight	: 113.04 kg