

Catalog designation

WA20 DRN63M4
 SPIROPLAN® gearmotor W..DRN.. (IE3)

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Reference data

Transaction : 424507804
 Item : 100

Product data

Speed 50Hz [r/min]	: 1375 / 134
Speed 60Hz [r/min]	: 1695 / 165
Total ratio [i]	: 10,25 / finite
No. of teeth nom./denominator	: 41/4
Ma max [Nm]	: 36
Output torque 50Hz [Nm]	: 11
Output torque 50Hz [lb-in]	: 97
Output torque 60Hz [Nm]	: 8
Output torque 60Hz [lb-in]	: 71
Service factor SEW-FB	: 3,30 / 4,10
Mounting position	: M1A
Term.box.pos.[°] / cable entry	: 0 (R) / normal
Lubricant / -volume [l]	: SEW PG 460 Synth.Oil / 0,24
Lubricant volume [US gal]	: 0.065
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: WA20
Hollow shaft	: 20mm
Design	: Hollow shaft
Safety cover	: None
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	: DRN63M4
Motor power [kW]	: 0.18
Motor power [HP]	: 0.25
Cyclic duration factor S1-S10	: S1
Multi range-voltage 50Hz [V]	: 220-240 delta / 380-415 star
Nominal current [A]	: 1,00 / 0,58
Multi range-voltage 60Hz [V]	: 254-277 delta / 440-480 star
Nominal current [A]	: 0,93 / 0,54
cos phi	: 0,65 / 0,59
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 [%]	: 65,1 / 69,4 / 69,9
Efficiency 60Hz	
at 50/75/100% Pn [%]	: 63,5 / 68,5 / 70,0
Design specification	: Europe (CE)/USA (UR)/Canada



	(CSA)
CE mark	: Yes
EISA identification	: Yes, conform to EISA
K.V.A.code	: J
CT speed range	: 350-1800rpm
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	: 85015100
Weight	: 7.70 kg