

Catalog designation

WAF20 DRN71MS4
SPIROPLAN® gearmotor W..DRN.. (IE3)

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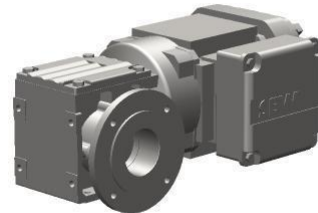


Reference data

Transaction : 424168619
Item : 100

Product data

Speed 50Hz [r/min]	: 1405 / 23
Speed 60Hz [r/min]	: 1720 / 29
Total ratio [i]	: 60,00 / finite
No. of teeth nom./denominator	: 60/1
Ma max [Nm]	: 40
Output torque 50Hz [Nm]	: 45
Output torque 50Hz [lb-in]	: 400
Output torque 60Hz [Nm]	: 38
Output torque 60Hz [lb-in]	: 335
Service factor SEW-FB	: 0,90 / 1,05
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	: ECO2 (aluminum nature) Only suitable for machines and systems within buildings and interior spaces with dry, neutral atmospheres. Based on: C1 environment as per DIN EN ISO 12944-2
Gear unit	: WAF20
Hollow shaft	: 18mm
Design	: B5-flange-mounted version and hollow shaft
Safety cover	: None
Flange	: 120mm
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	: DRN71MS4
Motor power [kW]	: 0.25
Motor power [HP]	: 0.33
Cyclic duration factor S1-S10	: S1
Multi range-voltage 50Hz [V]	: 220-240 delta / 380-415 star
Nominal current [A]	: 1,29 / 0,74
Multi range-voltage 60Hz [V]	: 254-277 delta / 440-480 star
Nominal current [A]	: 1,16 / 0,67
cos phi	: 0,66 / 0,62
Wiring diagram	: R13 / 680010306



Thermal cl.[°C]/Enclosure[IP]	: 155(F) / 55
Service factor motor	: 1.15
International efficiency class	: IE3
Efficiency 50Hz at 50/75/100% Pn [%]	: 70,1 / 73,5 / 73,5
Efficiency 60Hz at 50/75/100% Pn [%]	: 69,2 / 73,1 / 74,0
Design specification	: Europe (CE)/USA (UR)/Canada (CSA)
CE mark	: Yes
EISA identification	: Yes, conform to EISA
K.V.A.code	: J
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xM25, 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	: 85015100
Weight	: 8.61 kg