

Catalog designation

WAF30 DRN71M4
 SPIROPLAN® gearmotor W..DRN.. (IE3)

Click these icons for further information in Online Support



Reference data

Transaction : 424751585
 Item : 100

Product data

Speed [r/min]	: 1730 / 89
Total ratio [i]	: 19,50 / finite
No. of teeth nom./denominator	: 39/2
Ma max [Nm]	: 70
Output torque [Nm]	: 31
Output torque [lb-in]	: 275
Service factor SEW-FB	: 2,20
Mounting position	: M1A
Term.box.pos.[°] / cable entry	: 180 (L) / normal
Lubricant / -volume [l]	: SEW PG 460 Synth.Oil / 0,40
Lubricant volume [US gal]	: 0.11
Paint coat	: Top coat RAL9005 (jet black)
Gear unit	: WAF30
Hollow shaft	: 20mm
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	: DRN71M4
Motor power [kW]	: 0.37
Motor power [HP]	: 0.50
Motor frequency [Hz]	: 60
Cyclic duration factor S1-S10	: S1
Motor voltage [V] / conn. type	: 230/460 double star/star
Nominal current [A]	: 1,83 / 0,91
cos phi	: 0,62
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 [%]	: 74,3 / 77,7 / 78,5
Design specification	: USA (UR) /Canada (CSA)
CE mark	: No
EISA identification	: Yes, conform to EISA
K.V.A.code	: K
Information	: When using this combination, the



	bending radius of the connection cable may be undershot, which might require a threaded elbow joint for the connection cable. Please contact SEW-EURODRIVE in this case.
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 30589460
Spare parts list	: You can find the SWPL (spare and wearing parts list) under the serial number in the Online Support.
Nameplate	: English / Imperial units
Nameplate position	: 270°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: 11.72 kg