

Catalog designation

W20 DRN71MS4
 SPIROPLAN® gearmotor W..DRN.. (IE3)

Product data

Speed 50Hz [r/min]	: 1405 / 85
Speed 60Hz [r/min]	: 1720 / 104
Total ratio [i]	: 16,50 / finite
No. of teeth nom./denominator	: 33/2
Ma max [Nm]	: 38
Output torque 50Hz [Nm]	: 21
Output torque 60Hz [Nm]	: 18
Service factor SEW-FB	: 1,80 / 2,20
Mounting position	: M4A
Term.box.pos.[°] / cable entry	: 270 (T) / position 3
Lubricant / -volume [l]	: SEW PG 460 Synth.Oil / 0,24
Paint coat	: Top coat RAL7031 (blue gray)
Gear unit	: W20
Output shaft end	: 20x40mm lg.
Output shaft design	: with keyway/with key
Design	: Foot-mounted version
Documentation no. A	: 27801357
Parts list	: 202531600 / 0
Motor	: DRN71MS4
Motor power [kW]	: 0.25
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]	: 130(B) / 54
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
CE mark	: Yes
Terminal box	: Terminal box lower part made of aluminum with tapped hole 1xM25, 1xM16
Documentation no. A	: 25957074 26861313 30589460
Nameplate	: English
Nameplate position	: 180°
Opera.instr. A lang./quantity	: English / 0
Parts list/language/quantity	: English / 0
Commodity code	: 85015100
Weight	: on request

