SIEMENS

Data sheet 6FB1103-0AT13-3MC2

SIDOOR MDG4 R geared motor, shaft on the right with slot and fitted key A5x5 according to DIN 6885, max. 400 kg of mass to be moved, IP56, 2x M12 for separate motor connection cable, 30 V DC, -20 to +50 °C



General information	
Product type designation	MDG4 R
Supply voltage	
Rated value (DC)	30 V
Input current	
Operational current (rated value)	4 A
Power	
Active power input	120 W
Mechanical data	
Torque of the rotary operating mechanism (rated value)	3 N·m
Speed, max.	0.75 m/s
Mass to be moved, max.	400 kg
Gear unit	Yes
Gear ratio	15
Fixed output gear	No
Degree and class of protection	
IP degree of protection	
● of the motor	IP56
● of the gear unit	IP56
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
EAC (formerly Gost-R)	Yes
China RoHS compliance	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	-20 °C
● max.	50 °C
Ambient temperature during storage/transportation	
● Storage, min.	-40 °C
● Storage, max.	85 °C
Cables	
Fixed connecting cable	No
Dimensions	
Diameter of output gear, min.	28 mm
Diameter of output gear, max.	122 mm
Height of motor	115 mm
Length of motor	303 mm

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Diameter of motor	63 mm
Width of gearbox	106 mm

Classifications

	Version	Classification
eClass	16	27-02-27-11
eClass	14	27-02-27-11
eClass	12	27-02-27-11
ETIM	10	EC002987
ETIM	9	EC002987
ETIM	8	EC002987
ETIM	7	EC002987
IDEA	4	1054
UNSPSC	15	20-10-16-17

Approvals / Certificates

General Product Approval

EG-Konf. Declaration of Conformity

UK CA TUEV

China RoHS

EMV

EMV

RCM

other

Confirmation

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