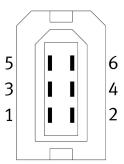
Servo motor EMMB-AS-60-04-S30MB Part number: 8097184

FESTO





Data sheet

Feature	Value
Ambient temperature	-15 °C40 °C
Note on ambient temperature	Up to 60 °C with derating of -1.5% per degree Celsius
Max. installation height	4000 m
Information on max. installation height	with 1,000 m and longer only with derating of -1.0% per 100 m
Storage temperature	-20 °C55 °C
Relative air humidity	0 - 90 %
Conforms to standard	IEC 60034
Thermal class according to EN 60034-1	F
Max. winding temperature	155 ℃
Rating class according to EN 60034-1	S1
Temperature monitoring	Digital motor temperature transmission via Nikon A format
Motor type as per EN 60034-7	IM B5 IM V1 IM V3
Mounting position	Any
Degree of protection	IP65
Note on degree of protection	IP40 for motor shaft without rotary shaft seal IP54 for motor shaft with rotary shaft seal IP65 for motor housing without connection technology
Concentricity, coaxiality, axial runout according to DIN SPEC 42955	N
Balancing quality	G 2.5
Bearing lifetime, under nominal conditions	20000 h
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	Connection diagram RE
Electrical connection 1, number of pins/wires	6
Contamination level	2
Note on materials	RoHS-compliant
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III

EN 60068-2-6 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-6 Certification Cutuus - Recognized (OL) CE marking (see declaration of conformity) As per EU BMC directive As per EU BMC directive As per EU Rotts directive As per EU Rotts directive As per EU Rotts directive As per EU Rotts directive As per EU Rotts directive As per EU Rotts directive Outline O	Feature	Value
Certification c UL us - Recognized (OL) CE marking (see declaration of conformity) As per EU EMC directive As per EU Robi Sdirective To UK Robi Sinstructions for Pack To UK Robi Sinstructions for electrical equipment Certificate issuing authority UL E342973 Nominal operating voltage DC 300 V Command voltage 300 V Type of winding switch Star inside Number of pole pairs 3 Stall torque 1,4 Nm Nominal torque 1,27 Nm Peak torque 3,81 Nm Nominal torque 1,27 Nm Peak torque 3,81 Nm Nominal torary speed 3000 rpm Max. rotational speed 6000 rpm Max. mechanical speed 10000 rpm Motor nominal power 400 W Continuous stall current 2,6 A Motor constants 0,562 Nm/A Voltage constant, phase-to-phase 3,4 mVmin Phase-phase winding resistance 3,8 0 Nm Winding inductance phase-phase 11,5 mH El	Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
EE marking (see declaration of conformity) As per EU BnC directive As per EU BnC directive As per EU BnS directions for electrical equipment Declaration of the Euclidean Declaration of the European As per EU BnS directive As per EU BnS directions for EMC To K Kinstructions for EMC To K Kinstructions for EBC To K Kinstructions for EMC	Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Base PEU Ion Wolfange directive As per EU Ion Wolfange directive UK instructions for electrical equipment Certificate issuing authority U. E342973 Nominal operating voltage DC 300 V DC nominal voltage 300 V Type of winding switch 5tar inside Number of pole pairs 3 Stall torque 1.4 Nm Nominal torque 1.27 Nm Peak torque 3.81 Nm Nominal rotary speed 3000 rpm Max. rotational speed 6000 rpm Motor nominal power 6000 rpm Motor nominal current 2.6 A Motor nominal current 2.6 A Peak current 7.2 A Wolfage constant, phase-to-phase 3 H w/min Voltage constant, phase-to-phase 3.8 Nm Measuring flange 2.5 £ 25 x 8 mm, aluminum Total quite treit is monetal 1.9 8 ms Measuring flange 25 x 25 x 8 mm, aluminum To	Certification	c UL us - Recognized (OL)
To UK RoHS instructions To UK Instructions for electrical equipment Certificate issuing authority UL E342973 Nominal operating voltage DC DC nominal voltage 300 V DC nominal voltage 300 V Type of winding switch Stair inside Number of pole pairs 3 Stail torque 1.4 n Mm Nominal torque 1.27 Nm Peak torque 3.81 Nm Nominal rotary speed 3000 rpm Max. rotational speed 6000 rpm Max. rotational speed 6000 rpm Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 2.4 A Peak current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 190 vg Permissible axial shaft load Rotor position sensor for manufacturer designation Rotor position sensor for manufacturer designation Rotor position sensor measuring principle Rotor position sensor resolution 20 bit	CE marking (see declaration of conformity)	As per EU low voltage directive
Nominal operating voltage DC DC nominal voltage 300 V Type of winding switch Star inside Number of pole pairs 3 Stall torque 1.4 Nm Nominal torque 1.27 Nm Peak torque 3.81 Nm Nominal torary speed 3000 rpm Max. rotational speed 6000 rpm Max. mechanical speed 10000 rpm Motor nominal power Continuous stall current 2.6 A Motor nominal current 2.4 A Peak current 7.2 A Motor constants Voltage constant, phase-to-phase 34 m/min Phase-phase winding resistance 34 m/min Phase-phase winding resistance 1.58 Nbm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment Product weight 1900 g Permissible axial shaft load 180 N Rotor position sensor for manufacturer designation Rotor position sensor for manufacturer designation Rotor position sensor measuring principle Rotor position sensor measuring principle Rotor position encoder for DC operating voltage enge Rotor position encoder for DC operating voltage ange Rotor position encoder for DS operating volt	UKCA marking (see declaration of conformity)	To UK RoHS instructions
DC nominal voltage Type of winding switch Star inside Number of pole pairs Stall torque 1.4 Mm Nominal torque 1.27 Nm Peak torque 3.81 Nm Nominal rotary speed 3000 rpm Max. rotational speed 6000 rpm Max. mechanical speed 10000 rpm Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment Product weight Product weight Rotor position sensor for manufacturer designation Rotor position sensor for manufacturer designation Rotor position sensor for DC operating voltage Rotor position encoder for DC operating voltage range Rotor position encoder for DC operating voltage rerevolution Rotor position encoder for DC ope	Certificate issuing authority	UL E342973
Type of winding switch Star inside Number of pole pairs 3 Stall torque 1.4 Nm Nominal torque 1.27 Nm Peak torque 3.81 Nm Nominal rotary speed 3000 rpm Max. rotational speed 6000 rpm Motor nominal speed 400 W Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 2.4 A Peak current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 Ohm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible axial shaft load 180 N Rotor position sensor for manufacturer designation MAR-MX50AHNO Rotor position sensor fine manufacturer designation MAR-MX	Nominal operating voltage DC	300 V
Number of pole pairs Stall torque 1.4 Nm Nominal torque 1.27 Nm Peak torque 3.81 Nm Nominal totary speed 3000 rpm Max. rotational speed 6000 rpm Max. mechanical speed 10000 rpm Motor nominal power Continuous stall current 2.6 A Motor nominal current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment Perduct weight 1900 g Permissible axial shaft load Permissible radial shaft load Rotor position sensor for manufacturer designation Rotor position sensor for manufacturer designation Rotor position sensor interface Rotor position sensor measuring voltage range Rotor position encoder for DC operating voltage and proposition encoder for DC operating voltage range Rotor position encoder for DC operating voltage and proposition encoder for DC operating voltage and position encoder for DC operating voltage and proposition encoder for DC operating voltage and position encoder for DC operating voltage and proposition encoder for DC operating voltage and pr	DC nominal voltage	300 V
Stall torque 1.4 Nm Nominal torque 1.27 Nm Peak torque 3.81 Nm Nominal rotary speed 3000 rpm Max. rotational speed 6000 rpm Max. mechanical speed 10000 rpm Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 7.2 A Motor nominal current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 Ohm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible axial shaft load 180 N Rotor position sensor for manufacturer designation MaR-MX50AHN00 Rotor position sensor for manufacturer designation MaR-MX50AHN00 Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage range Rotor position encoder for positional values per revolution 1048576 Rotor position encoder for positional values per revolution 20 bit	Type of winding switch	Star inside
Nominal torque 1.27 Nm Peak torque 3.81 Nm Nominal rotary speed 3000 rpm Max. rotational speed 6000 rpm Max. machanical speed 10000 rpm Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 7.2 A Motor nominal current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 0hm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor manufacturer designation MAR-MXSOAHNOO Rotor position sensor for manufacturer designation MAR-MXSOAHNOO Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage range 4.75 v5.25 v Rotor position encoder for DC operating voltage range 4.75 v5.25 v Rotor position encoder for DC operating voltage range 4.75 v5.25 v Rotor position encoder for DC operating voltage range 4.75 v5.25 v Rotor position encoder for DC operating voltage range 4.75 v5.25 v Rotor position encoder for DC operating voltage range 4.75 v5.25 v Rotor position encoder for DC operating voltage range 4.75 v5.25 v Rotor position encoder for DC operating voltage range 4.75 v5.25 v Rotor position encoder for DC operating voltage range 4.75 v5.25 v	Number of pole pairs	3
Peak torque 3.81 Nm Nominal rotary speed 3000 rpm Max. rotational speed 6000 rpm Max. mechanical speed 10000 rpm Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.88 Ohm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 90 N Rotor position sensor for manufacturer designation Mar-MX50AHNO0 Rotor position sensor for manufacturer designation MAR-MX50AHNO0 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for Dc operating voltage range 4.75 V5.25 V Rotor position encoder for Dc operating voltage range 4.75 V5.25 V Rotor position encoder for Dc operating voltage range 4.75 V5.25 V Rotor position encoder for Dc operating voltage range 4.75 V5.25 V Rotor position encoder for Dc operating voltage range 20 bit	Stall torque	1.4 Nm
Peak torque 3.81 Nm Nominal rotary speed 3000 rpm Max. rotational speed 6000 rpm Max. mechanical speed 10000 rpm Motor nominal power Continuous stall current 2.6 A Motor nominal current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Rotor position sensor for manufacturer designation Rotor position sensor for manufacturer designation Rotor position sensor interface Nikon A-format Rotor position sensor interface Nikon A-format Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range		1.27 Nm
Max. rotational speed 6000 rpm Max. mechanical speed 10000 rpm Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 Ohm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position encoder for absolutely detectable revolutions 65536 Rotor position sensor measuring principle Optical Rotor position nencoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 400 W	Peak torque	3.81 Nm
Max. mechanical speed 10000 rpm Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 0hm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position sensor for absolutely detectable revolutions 65536 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 100 kgt. Rotor position encoder for Doc operating voltage ange 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position encoder for positional values per revolution 20 bit	Nominal rotary speed	3000 rpm
Motor nominal power 400 W Continuous stall current 2.6 A Motor nominal current 2.4 A Peak current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 0hm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 75 V Rotor position encoder for D Coperating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position encoder for positional values per revolution 20 bit	Max. rotational speed	6000 rpm
Continuous stall current 2.6 A Motor nominal current 2.4 A Peak current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 0hm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Rotor position sensor for manufacturer designation Rotor position sensor interface Rotor position sensor interface Rotor position sensor measuring principle Qoptical Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 2.6 A Absolute encoder Machamana Answer Amazonah Mone 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 2.0 bit	Max. mechanical speed	10000 rpm
Motor nominal current Peak current 7.2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 Ohm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 80 N Permissible axial shaft load 80 N Rotor position sensor Absolute encoder, multi-turn MAR-MX50AHN00 Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Rotor position sensor measuring principle Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution Rotor position sensor resolution 20 bit	Motor nominal power	400 W
Peak current 7. 2 A Motor constants 0.562 Nm/A Voltage constant, phase-to-phase Phase-phase winding resistance 5.8 0hm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage ange 4.75 V5.25 V Rotor position encoder for positional values per revolution Rotor position sensor resolution 20 bit	Continuous stall current	2.6 A
Motor constants 0.562 Nm/A Voltage constant, phase-to-phase 34 mVmin Phase-phase winding resistance 5.8 Ohm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Rotor position sensor measuring principle Rotor position encoder for DC operating voltage 8 V Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution	Motor nominal current	2.4 A
Voltage constant, phase-to-phase Phase-phase winding resistance S.8 Ohm Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position encoder for absolutely detectable revolutions Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Rotor position encoder for DC operating voltage S V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution	Peak current	7.2 A
Phase-phase winding resistance Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Rotor position sensor measuring principle Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position sensor resolution Rotor position sensor resolution 20 bit	Motor constants	0.562 Nm/A
Winding inductance phase-phase 11.5 mH Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position encoder for absolutely detectable revolutions 65536 Rotor position sensor interface Nikon A-format Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	Voltage constant, phase-to-phase	34 mVmin
Electric time constant 1.98 ms Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position encoder for absolutely detectable revolutions 65536 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 5 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	Phase-phase winding resistance	5.8 Ohm
Measuring flange 255 x 255 x 8 mm, aluminum Total output inertia moment 0.425 kgcm² Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position encoder for absolutely detectable revolutions 65536 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 5 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	Winding inductance phase-phase	11.5 mH
Total output inertia moment O.425 kgcm² Product weight 1900 g Permissible axial shaft load Permissible radial shaft load Rotor position sensor Rotor position sensor for manufacturer designation Rotor position encoder for absolutely detectable revolutions Rotor position sensor interface Rotor position sensor measuring principle Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution One contact the contact of t	Electric time constant	1.98 ms
Total output inertia moment O.425 kgcm² Product weight 1900 g Permissible axial shaft load Permissible radial shaft load Rotor position sensor Rotor position sensor for manufacturer designation Rotor position encoder for absolutely detectable revolutions Rotor position sensor interface Rotor position sensor measuring principle Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution One contact the contact of t	Measuring flange	255 x 255 x 8 mm, aluminum
Product weight 1900 g Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position encoder for absolutely detectable revolutions 65536 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 5 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit		0.425 kgcm ²
Permissible axial shaft load 90 N Permissible radial shaft load 180 N Rotor position sensor Absolute encoder, multi-turn Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position encoder for absolutely detectable revolutions 65536 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 5 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	Product weight	
Rotor position sensor Rotor position sensor for manufacturer designation Rotor position encoder for absolutely detectable revolutions Rotor position sensor interface Rotor position sensor measuring principle Rotor position encoder for DC operating voltage Rotor position encoder for DC operating voltage range Rotor position encoder for positional values per revolution Rotor position sensor resolution Rotor position sensor resolution Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position sensor resolution 20 bit		90 N
Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position encoder for absolutely detectable revolutions 65536 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 5 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit		
Rotor position sensor for manufacturer designation MAR-MX50AHN00 Rotor position encoder for absolutely detectable revolutions 65536 Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 5 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	Rotor position sensor	Absolute encoder, multi-turn
Rotor position sensor interface Nikon A-format Rotor position sensor measuring principle Optical Rotor position encoder for DC operating voltage 5 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	Rotor position sensor for manufacturer designation	MAR-MX50AHN00
Rotor position sensor measuring principle Rotor position encoder for DC operating voltage Solve Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	Rotor position encoder for absolutely detectable revolutions	65536
Rotor position sensor measuring principle Rotor position encoder for DC operating voltage Solve Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	·	
Rotor position encoder for DC operating voltage 5 V Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit	· · · · · · · · · · · · · · · · · · ·	
Rotor position encoder for DC operating voltage range 4.75 V5.25 V Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit		
Rotor position encoder for positional values per revolution 1048576 Rotor position sensor resolution 20 bit		4.75 V5.25 V
Rotor position sensor resolution 20 bit		
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rotor position encoder system accuracy angle measurement [-120 arcsec120 arcsec	Rotor position encoder system accuracy angle measurement	-120 arcsec120 arcsec
Brake holding torque 1.3 Nm		
Brake DC operating voltage 24 V	·	24 V
Brake power consumption 7.2 W		7.2 W