

## Valve plug MDC06-4s / MDC06-4s

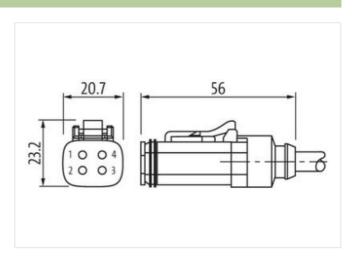
PUR / PVC 2x1.5+1x2x0.5 bk 1m

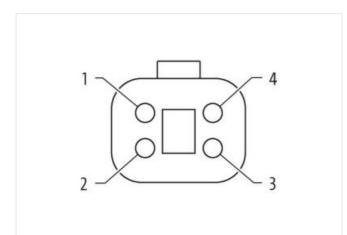
Xtreme - Outdoor Male straight - male straight The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request. 6 ... 32 V AC/DC 4-pole without components with cable sleeves Compatible with: Deutsch DT06-4S Plastic housings with good resistance against chemicals and oils.

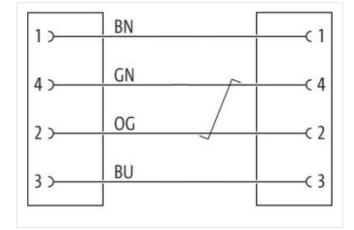
## Link to Product

Illustration









Product may differ from Image



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No. of poles      4        Side 2	Cable length	1 m
Conting controlMACFamily construction formMACMaterial constatCopper alloyNo. of poles4StateStateStateItem of the state	Side 1	
Conting controlMACFamily construction formMACMaterial constatCopper alloyNo. of poles4StateStateStateItem of the state	Mounting method	inserted
Family control tool from      MOC        suntable for commanded tube (internal 60)      13 mm        suntable for commanded tube (internal 60)      13 mm        Ske of polos      4        Ske of polos      4        Ske of polos      4        Ske of polos      10 km for command		
suptable for corrungsted tube (internal 0)      13 mm        Material contact      Copper alloy        No. or poles      4        Side 2		
Mean      Copper alloy        No. of poles      4        Sole 2		13 mm
No. of poles      4        Side 2	Material contact	Copper alloy
Moning method      instered        Galing contraid      mickel plated        Galing contraid form      MC        suitable for corrugated tube (internal 0)      13 mm        Statistile for corrugated tube (internal 0)      4        Commercial data      27279218        ECLASS-6.1      27279218        ECLASS-6.1      27279218        ECLASS-6.0      27279218        ECLASS-6.0      27279218        ECLASS-6.0      27260312        ECLASS-7.0.1      27060312        ECLASS-7.0.1      4048790        ECLASS-7.0.1      4048791262        Paratistic data Supply      4        EctaSS-1.0      6.V        Oparating voltage AC m	No. of poles	
Coaling contact      nickel plated        Family construction form      MDC        Stable for corrupped tube (internal Ø)      13 mm        No. of poles      4        Commercial data      27279218        ECLASS-6.0      27279218        ECLASS-6.0      27279218        ECLASS-6.0      27279218        ECLASS-6.0      27279218        ECLASS-8.0      27279218        ECLASS-8.0      27279218        ECLASS-8.10.1      27060312        ECLASS-8.10.1      27060312        ECLASS-11.1      27060312        ECLASS-12.0      EC001855        ustoms tarif number      854/4200        GTTN      404879912952        Oparating voltage OC min.      6 V        Oparating voltage OC min.      6 V        Oparating voltage OC min.	Side 2	
Family construction form      MDC        suitable for corrugated tube (internal 0)      13 mm        Soft poles      4        Commercial data      E        ECLASS 6.0      27279218        ECLASS 7.0      27060912        ECLASS 7.1      27060912        ECLASS 7.1      27060912        ECLASS 7.2      27060912        ETM-S.0      EC001855        sustoms staff number      8544290        GTIN      4040879912952        Packaging unit      1        Electrical data   Suppit      1        Electrical data   Suppit      2        Operating voltage DC min.      6 V        Operating voltage DC min.      8 V        Diamoticat      Mac	Mounting method	inserted
suitable for corrugated tube (internal (i)      13 mm        No. of poles      4        Commercial data      Commercial data        ECLASS-6.0      27279218        ECLASS-7.0      27279218        ECLASS-7.0      27279218        ECLASS-8.1      27060312        ECLASS-7.0      27279218        ECLASS-7.0      27279218        ECLASS-8.1      27060312        ECLASS-1.1      27060312        ECLASS-1.0      27060312        ECLASS-1.0      27060312        ECLASS-1.0      27060312        ECLASS-1.1      27060312        ECLASS-1.0      EC001685        audoms tariff number      85444230        CTIN      40482991282        Packaging voltage AC min.      6 V        Operating voltage AC min.      6 V        Operating voltage AC max.      32 V        Degree of protection (EN EC 60529)      In 88, IP66K, IP69K	Coating contact	nickel plated
No. of poles      4        Commercial data	Family construction form	MDC
Commercial data        ECLASS 6.0      27279218        ECLASS 6.1      27279218        ECLASS 6.0      27279218        ECLASS 6.0      27279218        ECLASS 6.0      27279218        ECLASS 6.0      27279218        ECLASS 9.0      27060312        ECLASS 1.1      408879912952        Datasing unit      404879912952        Packaging unit      6 V        Operating voltage AC min.      6 V        Operating voltage AC min.      6 V        Operating voltage C max.      32 V        Current operating voltage C max.      32 V        Current operating voltage C max.      32 V        Evertica Lift I Socopt      Interlation I Concetton        Evertica Lift I Socopt      Interlation I Concetton        Evertica Lift I	suitable for corrugated tube (internal Ø)	13 mm
CASS-6.0      27279218        ECIASS-6.1      27279218        ECIASS-6.0      27279218        ECIASS-7.0      27279218        ECIASS-6.0      27279218        ECIASS-9.0      27060312        ECIASS-9.0      27060312        ECIASS-10.1      27060312        ECIASS-11.1      27060312        ECIASS-12.0      27060312        ECIASS-13.0      EC001855        ECIASS-11.0      27060312        ECIASS-12.0      EC001855        ECIASS-13.0      EC001855        ECIASS-14.0      4048979912952        Packagin unit      1        Electrical data   Supply      U        Operating voltage AC max.      32 V        Operating voltage AC max.      32 V        Operating voltage DC max.      32 V        Current operating per contact max.      4 A        Dignetitie      Image AC max.        Bay V      Image AC max.        Dignetitie      Image AC max.        Bay V      Image AC max.        Current operating per contact max.      4 A        Dignetitie      Im	No. of poles	4
ECLASS-6.1      27279218        ECLASS-7.0      27279218        ECLASS-8.0      27279218        ECLASS-9.0      27660312        ECLASS-9.0      27660312        ECLASS-1.1      27060312        ECLASS-1.1      27060312        ECLASS-12.0      27060312        ECLASS 12.0      27060312        ECLASS 12.0      10        Eclass 10.1      1        Electical data [Supply      1        Deretaring voltage AC max.      32 V        Operating voltage AC max.      32 V        Deretaring voltage DC max.      32 V        Deretaring voltage DC max.      32 V <t< td=""><td>Commercial data</td><td></td></t<>	Commercial data	
EQLASS-7.0      27279218        EQLASS-8.0      27279218        EQLASS-8.0      27790312        EQLASS-10.1      27060312        EQLASS-11.1      27060312        EQLASS-12.0      27060312        EQLASS-13.1      27060312        EQLASS-10.1      EQUASS-10.1        PORESTAIN      600185        Customs strift number      85444290        GATIN      404879912952        Packaging unit      1        Electrical data   Supply      Poresting voltage AC min.        Operating voltage DC max.      32 V        Operating voltage DC max.      32 V        Operating voltage DC max.      32 V        Outrent operating voltage DC max.      32 V        Device protection IED      no        Installation ICD      no        Installation ICD      No        Device protection [	ECLASS-6.0	27279218
ECLASS-8.0      27278218        ECLASS-9.0      27060312        ECLASS-10.1      27060312        ECLASS-11.1      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ECLASS-11.1      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ECLASS-11.1      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        Devistors Influmber      6444290        Operating voltage AC max.      32.V        Corrent operating per contact max.      4 A        Deparating voltage AC max.      32.V        Corrent operating per contact max.      4 A        Deparating voltage AC max.      32.V        Corrent operating per contact max.      4 A        Degreating voltage AC max.      32.V        <	ECLASS-6.1	27279218
ECLASS-9.0      27060312        ECLASS-10.1      27060312        ECLASS-11.1      27060312        ECLASS-12.0      27060312        ECLASS-12.0      27060312        ETIM-5.0      EC001855        customs tatiff number      8544290        GTIN      4048879912952        Packaging unit      1        Electrical data   Supply	ECLASS-7.0	27279218
ECLASS-10.1      27060312        ECLASS-11.1      27060312        ECLASS-12.0      27060312        ECLASS-12.0      ECO01355        customs tariff number      85444290        GTIN      404879912952        Packaging unit      1        Electrical dat [Supply      Electrical data [Supply        Derating voltage AC min.      6 V        Operating voltage AC min.      6 V        Operating voltage AC max.      32 V        Operating voltage DC max.      32 V        Current operating per contact max.      4 A        Diagnostics      Electrical data (Supply)        Status indication LED      no        Installation   Connection      Amphenol AT06-4S        Device protection   Electrical      Electrical data (Supply)        Degree of protection (EN IEC 60529)      IP68, IP66K, IP69K        Additional condition protection degree      inserted        Pollution Degree      2	ECLASS-8.0	27279218
ECLASS-11.1      27060312        ECLASS-12.0      27060312        ETIM-5.0      EC001855        outstoms taiff number      85444290        GTIN      4048879912952        Packaging unit      1        Efectrical data   Supply      Doperating voltage AC min.        Operating voltage AC min.      6 V        Operating voltage AC max.      32 V        Current operating per contact max.      4 A        Diagnostics      no        Estatus indication LED      no        Installation Connection      Installation Connection        Eduction of the ColoS29)      IP68, IP66K, IP69K        Additional condition protection degree      inserfed        Pollution Degree      2        Rate d surge voltage      0.8 kV        Material gaset      Silicon        Material apaset      Si	ECLASS-9.0	27060312
ECLASS-12.0      27060312        ETIM-5.0      EC001855        Dustoms tariff number      8544290        GTIN      4048879912952        Packaging unit      1        Electrical data   Supply         Operating voltage AC min.      6 V        Operating voltage AC max.      32 V        Operating voltage AC max.      32 V        Operating voltage DC max.      32 V        Operating voltage DC max.      32 V        Current operating per contact max.      4 A        Diagnostics         Status indication LED      no        Installation I Connection         Farmity construction form      Amphenol AT06-4S        Device protection [Electrical         Device protection [Electrical         Device protection [Electrical         Pollution Degree      2        Rated surge voltage      0.8 kV        Material group (IEC 60664-1)      III	ECLASS-10.1	27060312
ETIM-5.0      EC001855        customs tariff number      85444290        GTIN      404879912952        Packaging unit      1        Electrical data   Supply      Electrical data   Supply        Operating voltage AC min.      6 V        Operating voltage AC max.      32 V        Operating voltage DC max.      32 V        Operating voltage DC max.      32 V        Operating per contact max.      4 A        Diagnostics      E        Status indication LED      no        Installation   Connection      F        Family construction form      Amphenol AT06-4S        Device protection   Electrical      E        Device protection   Electrical      Inserted        Poliution Degree      2        Rated surge voltage      0,8 kV        Material group (ICE Go664-1)      III        Additional suppressor      without components        Mechanical data   Material data      Image: Surgerial (Surgerial	ECLASS-11.1	27060312
busioms tariff number      85444290        GTIN      4048879912952        Packaging unit      1        Electrical data   Supply        Operating voltage AC min.      6 V        Operating voltage AC max.      32 V        Operating voltage DC min.      6 V        Operating voltage DC max.      32 V        Operating voltage DC max.      32 V        Operating voltage DC max.      32 V        Current operating per contact max.      4 A        Diagnostics      Status indication LED        Status indication LED      no        Installation   Connection      Feesily construction form        Begree of protection   Electrical      Degree of protection   Electrical        Degree of protection (EN LEC 60529)      IP68, IP69K, IP69K        Additional condition protection degree      inserted        Pollution Degree      2        Rated surge voltage      0.8 kV        Material gasket      Silicon        Material gasket      Silicon        Material housing      PA        Mechanical data   Mounting data      Looking techniques	ECLASS-12.0	27060312
GTIN  4048879912952    Packaging unit  1    Electrical data   Supply    Operating voltage AC min.  6 V    Operating voltage AC max.  32 V    Operating voltage DC max.  32 V    Operating voltage DC max.  32 V    Operating voltage DC max.  32 V    Current operating per contact max.  4 A    Diagnostics  V    Status indication LED  no    Installation   Connection  Maphenol AT06-4S    Degree of protection [Electrical  V    Degree of protection (EN IEC 60529)  IP68, IP66K, IP69K    Additional condition protection degree  inserted    Pollution Degree  2    Rated surge voltage  0,8 kV    Material group (EC 60664-1)  III    Additional condition protection degree  without components    Mechanical data   Material data  Silicon    Material gasket  Silicon    Material pousing  PA    Mechanical data   Mounting data  Sinap-in connector	ETIM-5.0	EC001855
Packaging unit  1    Electrical data   Supply    Operating voltage AC min.  6 V    Operating voltage AC max.  32 V    Operating voltage DC max.  32 V    Operating voltage DC max.  32 V    Current operating per contact max.  4 A    Diagnostics  0    Status indication LED  no    Installation   Connection  No    Parefer Protection   Electrical  No    Degree of protection (EN IEC 60529)  IP68, IP66K, IP69K    Additional condition protection degree  inserted    Pollution Degree  2    Rated surge voltage  0,8 kV    Material group (IEC 60664-1)  III    Material group (IEC 60664-1)  III    Material gasket  Silicon    Material gasket  Silicon    Material gasket  Silicon    Material pousing  PA    Material pousing  Snp-in connector	customs tariff number	85444290
Electrical data   Supply        Operating voltage AC min.      6 V        Operating voltage AC max.      32 V        Operating voltage DC min.      6 V        Operating voltage DC max.      32 V        Operating voltage DC max.      32 V        Current operating per contact max.      4 A        Diagnostics	GTIN	4048879912952
Operating voltage AC min.      6 V        Operating voltage AC max.      32 V        Operating voltage DC min.      6 V        Operating voltage DC max.      32 V        Current operating per contact max.      4 A        Diagnostics         Status indication LED      no        Installation   Connection         Family construction form      Amphenol AT06-4S        Degree of protection   Electrical         Degree of protection conting model      inserted        Pollution Degree      2        Rated surge voltage voltage      0.8 kV        Material group (IEC 60664-1)      III        Material gasket      Silicon        Material gasket      Silicon        Material gasket      Silicon        Material I Mounting data      PA        Looking techniques      Snap-in connector	Packaging unit	1
Operating voltage AC max.    32 V      Operating voltage DC min.    6 V      Operating voltage DC max.    32 V      Current operating per contact max.    4 A      Diagnostics       Status indication LED    no      Installation   Connection       Family construction form    Amphenol AT06-4S      Degree of protection   Electrical       Degree of protection (EN IEC 60529)    IP68, IP66K, IP69K      Additional condition protection degree    inserted      Pollution Degree    2      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    III      Additional suppressor    without components      Mechanical data   Material data    Material gasket      Silicon    Silicon      Material gasket    Silicon      Material housing    PA      Mechanical data   Mounting data    Looking techniques      Looking techniques    Snap-in connector	Electrical data   Supply	
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Operating voltage DC max.      32 V        Current operating per contact max.      4 A        Diagnostics         Status indication LED      no        Installation   Connection         Family construction form      Amphenol AT06-4S        Degree of protection   Electrical         Degree of protection not protection degree      inserted        Pollution Degree      2        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      III        Additional suppressor      without components        Material gasket      Silicon        Material gasket      Silicon        Material gasket      Silicon        Material fousing      PA        Mechanical data   Mounting data      Snap-in connector	Operating voltage AC max.	32 V
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Diagnostics        Status indication LED      no        Installation   Connection      Installation   Connection        Family construction form      Amphenol AT06-4S        Device protection   Electrical      Inserted        Degree of protection (EN IEC 60529)      IP66K, IP69K        Additional condition protection degree      inserted        Pollution Degree      2        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      III        Additional suppressor      without components        Material gasket      Silicon        Material gasket      Silicon        Material housing      PA        Material fouring data      Silicon	Operating voltage DC max.	32 V
Status indication LED  no    Installation   Connection  Amphenol AT06-4S    Device protection   Electrical  Inserted    Degree of protection (EN IEC 60529)  IP68, IP66K, IP69K    Additional condition protection degree  inserted    Pollution Degree  2    Rated surge voltage  0,8 kV    Material group (IEC 60664-1)  III    Additional suppressor  without components    Meterial gasket  Silicon    Material gasket  Silicon    Material housing  PA    Leoking techniques  Snap-in connector	Current operating per contact max.	4 A
Installation   Connection      Amphenol AT06-4S        Perice protection   Electrical      Electrical        Degree of protection (EN IEC 60529)      IP68, IP66K, IP69K        Additional condition protection degree      inserted        Pollution Degree      2        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      III        Additional suppressor      without components        Meterial gasket      Silicon        Material gasket      Silicon        Material housing      PA        Elechanical data   Mounting data      Snap-in connector	Diagnostics	
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Device protection   Electrical      Degree of protection (EN IEC 60529)    IP68, IP66K, IP69K      Additional condition protection degree    inserted      Pollution Degree    2      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    III      Additional suppressor    without components      Meterial gasket    Silicon      Material gasket    Silicon      Material housing    PA      Mechanical data   Mounting data    Snap-in connector	Installation   Connection	
Degree of protection (EN IEC 60529)    IP68, IP66K, IP69K      Additional condition protection degree    inserted      Pollution Degree    2      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    III      Additional suppressor    without components      Mechanical data   Material data    Silicon      Material gasket    Silicon      Material housing    PA      Mechanical data   Mounting data    Snap-in connector	Family construction form	Amphenol AT06-4S
Degree of protection (EN IEC 60529)    IP68, IP66K, IP69K      Additional condition protection degree    inserted      Pollution Degree    2      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    III      Additional suppressor    without components      Mechanical data   Material data    Silicon      Material gasket    Silicon      Material housing    PA      Mechanical data   Mounting data    Snap-in connector	-	
Additional condition protection degreeinsertedPollution Degree2Rated surge voltage0,8 kVMaterial group (IEC 60664-1)IIIAdditional suppressorwithout componentsMechanical data   Material dataSiliconMaterial gasketSiliconMaterial housingPAMechanical data   Mounting dataSnap-in connector		IP68, IP66K, IP69K
Pollution Degree    2      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    III      Additional suppressor    without components      Mechanical data   Material data    Silicon      Material gasket    Silicon      Material housing    PA      Mechanical data   Mounting data    Snap-in connector		
Rated surge voltage  0,8 kV    Material group (IEC 60664-1)  III    Additional suppressor  without components    Mechanical data   Material data  Silicon    Material gasket  Silicon    Material housing  PA    Mechanical data   Mounting data    Looking techniques  Snap-in connector		
Material group (IEC 60664-1)  III    Additional suppressor  without components    Mechanical data   Material data  Silicon    Material gasket  Silicon    Material housing  PA    Mechanical data   Mounting data  Snap-in connector		
Additional suppressor  without components    Mechanical data   Material data	Material group (IEC 60664-1)	· · · · · · · · · · · · · · · · · · ·
Mechanical data   Material data        Material gasket      Silicon        Material housing      PA        Mechanical data   Mounting data      Sinap-in connector	Additional suppressor	
Material gasket  Silicon    Material housing  PA    Mechanical data   Mounting data  Sinap-in connector		
Material housing  PA    Mechanical data   Mounting data  Factor    Looking techniques  Snap-in connector		Silicon
Mechanical data   Mounting data      Looking techniques    Snap-in connector	-	
Looking techniques Snap-in connector		
		Shap in connector
Environmental characterístics   Climatic		·
	Environmental characteristics   Climatic	

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Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable	
	brown, blue, gray, pink, white, black
wire arrangement Cable identification	260
Jacket Color	
	yellow 1
Amount stranding	· · · · · · · · · · · · · · · · · · ·
Stranding	2 wires twisted
Amount stranding (type 2)	
Stranding (type 2)	2 wires with Stranding combination twisted
Filler	yes
wire arrangement	brown, blue, gray, pink, white, black
Cable weigth	99 g/m
Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	8,8 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	black
Material wire insulation	PVC
Amount wires	2
Outer diameter insulation	2,25 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	84
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	2 mm
Tolerance outer diameter wire insulation (data)	±5%
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	16
Diameter of single wires (Data)	0,2 mm
Conductor crosssection wire (Data)	0,5 mm <sup>2</sup>
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	Strand class 5
Nominal voltage AC max.	60 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)	14,4 A
Current load capacity min. Wire (Data)	7.2 A
Electrical resistance line constant wire	7,2 A 13,3 Ω/km @ 20 °C
	40,1 Ω/km
Electrical resistance coating wire (Data)	
AC withstand voltage (wire - wire)	1 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C

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Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio.
Traversing distance (C-track)	5 m   horizontal
Travel speed (C-track)	3,3 m/s
No. of torsion cycles	Mio.
Torsion speed	cycles/min

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