

Single-disc flexible coupling



MHS

Couplings for servo-motors

Torque: 2.8 to 38Nm

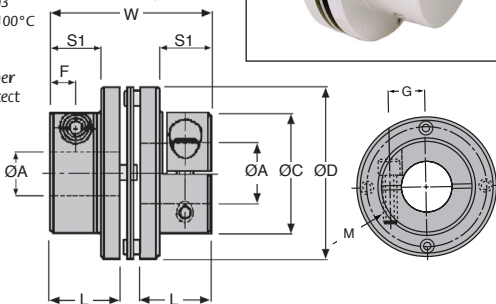
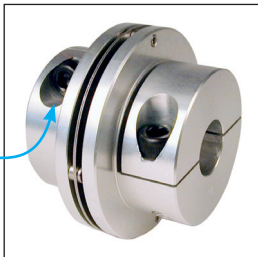
- Very rigid in torsion
- Misalignment absorbed by stainless steel disc
- Backlash free
- Resistant to oil and chemical products
- Maintenance free
- Materials:
 - Hubs: Aluminium A-U4G
 - Disc: Stainless steel 301
 - Pin: Stainless steel 303
- Max. working temp.: +100°C

Applications

- Ideal for use with stepper motors that cannot detect start position
- Applications requiring high accuracy
- Automated systems

Info

- We are unable to modify these parts



DISCOUNTS

Qty	1+	5+	10+	15+	20+
Disc.	List	-10%	-15%	-25%	On request

Part number	Max. speed of rotation (rpm)	Weight (g)	Moment of inertia (kg·m ²)	Static torsional stiffness (Nm/Rad)	Misalignment			Nominal torque (Nm)	Max. torque (Nm)
					Radial (mm)	Angular	Axial (mm)		
MHS-32C	1900	38	4,5 x 10 ⁻⁶	1300	-	1°	±0,20	2,8	5,6
MHS-40C	1500	66	1,2 x 10 ⁻⁵	2800	-	1°	±0,20	6,0	12,0
MHS-50C	1200	120	3,7 x 10 ⁻⁵	3700	-	1°	±0,20	12,0	24,0
MHS-63C	1000	190	8,4 x 10 ⁻⁵	5000	-	1°	±0,20	19,0	38,0

Part number	Standard bore	Max. bore	ØD	F	L	W	ØC	S1	M	G	Stock*	Price each 1 to 4
	ØA	ØA										
MHS-32C	6	10	32	4	13,70	32	22	9	M3	8,00	✓✓	160,35 €
MHS-40C	8	14	40	6	16,50	38	28	12	M4	10,50	✓	174,11 €
MHS-50C	12	20	50	7	19,40	44	39	15	M5	14,75	✓	210,52 €
MHS-63C	15	25	63	8	22,30	50	45	18	M6	17,00	-	294,09 €

*Depending on availability - Dimensions in mm

HPC

WEB
04/2020

www.hpceurope.com

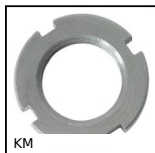
Tél: 0 825 88 5000 Service 0,15€/min + prix appel

Our other products



RJA11_27

Sealing strip, Not clipping



KM

Bearing locknut, Locknut KM



MRA

Quick link, Steel



BLH20

Right angled gearbox, from 0.53 to 1.77



BCM_CC

Modular cylindrical brush, Horsehair bristles



CQA30

Adjustment slide-system miniature, 30



CHAC4040NP

Square hinge with riveted pin, not drilled, Square with riveted pin,...



PTKss

Foot for the food industry, Stainless steel - 3-A standard



MAX22

Motor-gearbox 12V and 24V DC, from 0,07 to 0,2Nm



BCM_TP

Modular cylindrical brush, Tampico bristles



GLT3E-58

Telescopic drawer,



VTLB

Three-lobed knob, Thermoplastic / Brass or stainless steel insert

Complementary products



MHWC

Double-disc flexible coupling, Double disk