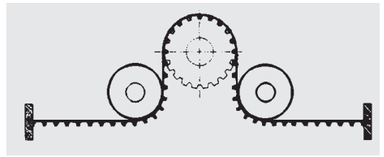
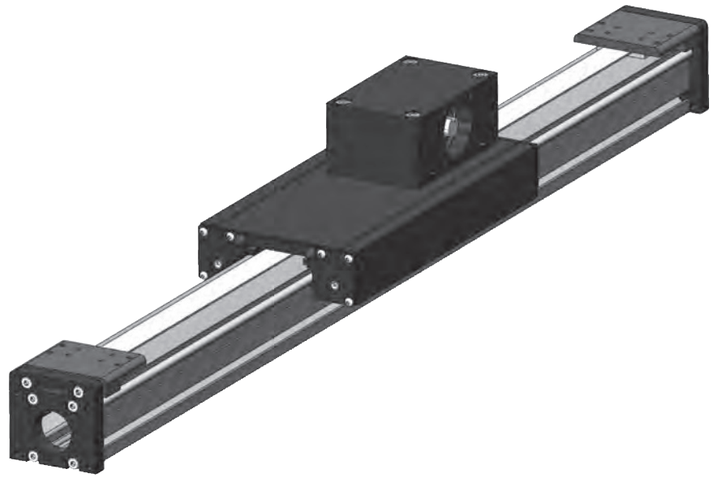
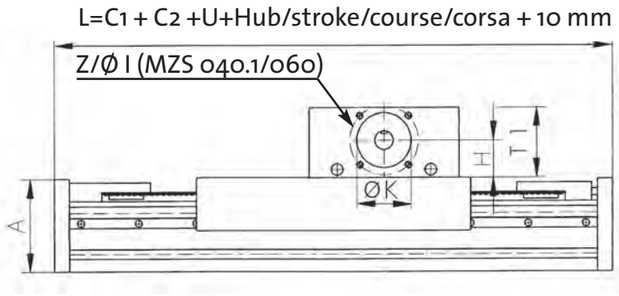
Typ MZS 40/60/90

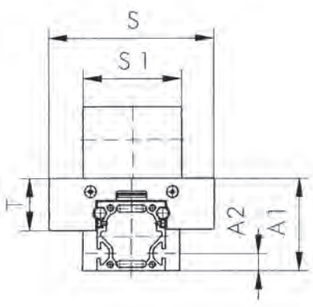
Zahnriemenantrieb am Schlitten
with beltdrive at carriage/axe vertical/
con puleggia dentata in corrispondenza
della slitta

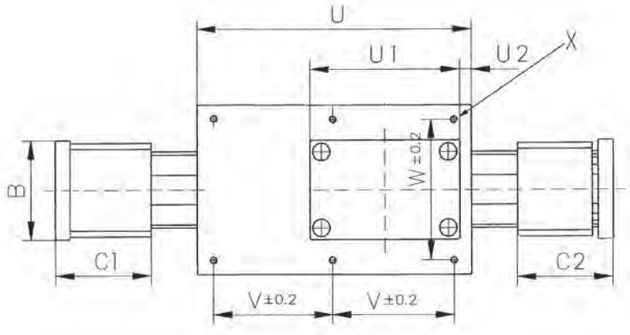




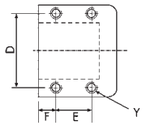
L=C1 + C2 +U+Hub/stroke/course/corsa + 10 mm



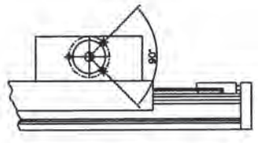




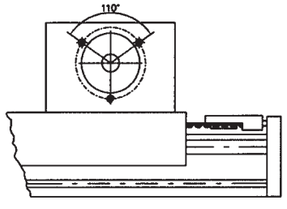
Endplatte/final plate/
plaque de butée/piastra terminale



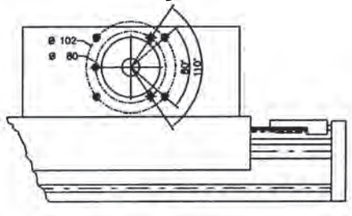
MZS 040



MZS 060.1/090

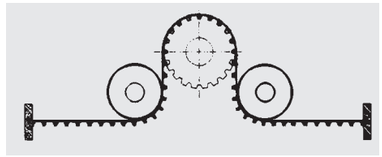


MZS 090.1



Typ MZS 40/60/90

Zahnriemenantrieb am Schlitten
with beltdrive at carriage/axe vertical/
con puleggia dentata in corrispondenza
della slitta



Linearachse/axis /axe/asse lineare

Typ	Profil (b x h)	A x B x C1	C2	A1	A2	D	E/F	Y
MZS 040.	40 x 40	52,5 x 61 x 57	67	55	10	49	15/20,5	4 x M5
MZS 060.	60 x 60	76 x 80 x 78	88	80	15	67	52/5	4 x M6
MZS 090.	90 x 70	91 x 120 x 81	91	95	15	103	65/15	4 x M10

Antriebsblock/drive block/bloc de commande/blocco motore

Version .0					Version .1: Zugkraft erhöht/belt reinforced/ courroie renforcée/cinghia rinforzata				
Typ	S1 x T1 x U1	H	U2	Ø K	Typ	S1 x T1 x U1	H	U2	Ø K
MZS 040.0	65 x 50 x 120	27	12,5	37	MZS 040.1	85 x 60 x 130	32	12,5	47
MZS 060.0	85 x 60 x 130	32	12,5	47	MZS 060.1	125 x 100 x 148	55	5	68
MZS 090.0	125 x 100 x 148	55	12,5	68	MZS 090.1	125 x 100 x 248	55	12,5	68

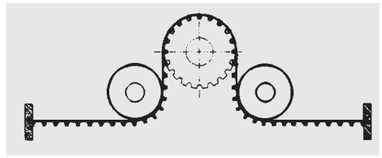
Schlitten/carriage/chariot/slitta

Typ	U	Rollen *bearings galets*	S x T	V	W	X	Gewicht/*weight/poids/peso* (kg)			
							Block *bloc*	Block *bloc*	Schlitten *chariot*	Profil/m *profile/m*
							Version .0	Version .1		
MZS 040	150	4	100 x 33	65 (2x)	80	M6 x 12	1,4	2,2	0,9	2,2
	250			57,5 (4x)					1,4	
MZS 060	200	4	145 x 45	90 (2x)	115	M8 x 12	2,3	5,9	2,6	4,0
	300	6		90 (3x)					4,1	
	500	8		117,5 (4x)					6,1	
MZS 090	300	4	215 x 60	135 (2x)	185	M8 x 20	6,4	—	7,5	8,1
	400	6		90 (4x)					9,8	
	500			117,5 (4x)				15,5	12	

Bestellbeispiel:	example of ordering:	exemple de commande:	esempio di ordinazione
MZS 060.150.1000.1	MZS 060.150.1000.1	MZS 060.150.1000.1	MZS 060.150.1000.1
Typ MZS	type MZS	type MZS	tipo MZS
Profilquerschnitt = 60 mm	section of profil = 60 mm	section du profil = 60 mm	sezione profilo = 60 mm
Schlittenlänge U = 150 mm	length of carriage U = 150 mm	longueur du chariot U = 150 mm	lunghezza slitta U = 150 mm
Gesamtlänge L = 1000 mm	total length L = 1000 mm	longueur totale L = 1000 mm	lunghezza asse L =1000 mm
Version mit erhöhter	version with	version avec courroie	versione con cinghia
Zugkraft = 1	reinforced belt = 1	renforcée = 1	rinforzata = 1

Typ MZS 40/60/90

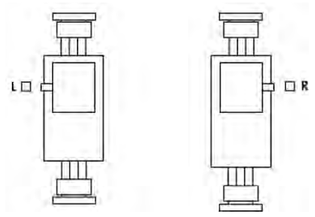
Zahnriemenantrieb am Schlitten
with beltdrive at carriage/axe vertical/
con puleggia dentata in corrispondenza della slitta



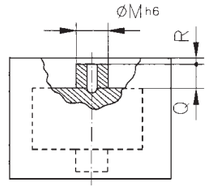
Linearachse	Umfang Riemen-scheibe mm	Durchmesser Riemen-scheibe mm	Leerlauf-moment Nm	Geschwindigkeit m/s bei 1000/min	max. Antriebs-moment Nm	Riemenbreite mm	Teilung mm	Zugkraft Fx (max)
Axis	periphery pully mm	dia pully mm	basic resistance Nm	speed m/s at 1000/min	max torque Nm	width of belt mm	pitch mm	traction load Fx (max)
Axe	perimètre poulie mm	diamètre poulie mm	couple résistant Nm	vélocité m/s à 1000/min	couple maximum Nm	largeur courroie mm	pas courroie mm	traction Fx (max)
MZS 040	100	31,8	0,3	1,67	10	16	5	700
MZS 040.1	130	41,4	0,6	2,17	17	25	5	1150
MZS 060	130	41,4	0,6	2,17	17	25	5	1150
MZS 060.1	200	63,6	0,9	3,33	60	50	10	2300
MZS 090	200	63,6	0,9	3,33	60	50	10	2300
MZS 090.1	200	63,6	1,2	3,33	150	50	10	5200

Anschluß für Antrieb/connection for drive/encombrement pour fixation/testata attacco motore

					Standard .0		MZS .5 verstärkt	
Typ	H	Ø I	Z	Ø K	Ø M	Q x R	Ø M	Q x R*
MZS 040	28	46	(3 x) M5 x 10	37	10	8,5 x 2	–	–
MZS 040.1	45,5	59,4	(4 x) M6 x 12	47	16	9 x 4	24	13 x 11
MZS 060	45,5	59,4	(4 x) M6 x 12	47	16	9 x 4	24	13 x 11
MZS 060.1	55	80	(3 x) M8 x 16	68	20	22 x 6*	25	16 x 25
MZS 090	55	80	(3 x) M8 x 16	68	20	22 x 6*	25	16 x 25
MZS 090.1	55	80/102	(7 x) M8 x 16	68	20	22 x 6*	25	16 x 25

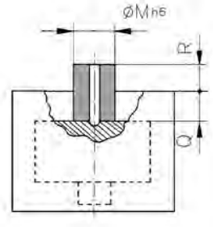


* nach außen/exterior

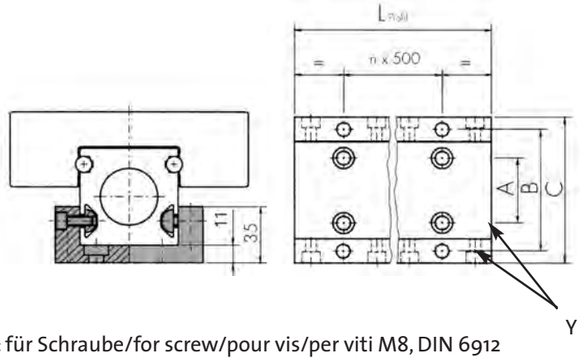


Antriebszapfen/connection/arbre

Standard .0 **MZS .5 (verstärkt)**



Profilverstärkung MPV 060 / 090



Y: für Schraube/for screw/pour vis/per viti M8, DIN 6912
Inkl. Schrauben und Muttern für Achsen/Including screws and nuts for axis/
Visserie comprise pour les axes/Compresi dadi e viti per gli assi

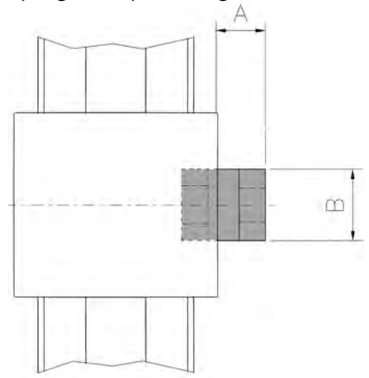
Typ	A	B	C	kg/m
MZS 060	40	75	90	4,6
MZS 090	40	105	120	5,4

Zubehör für Typ MZS

accessories/accessoires/accessori

Kupplung MKU

coupling/accouplement/giunto

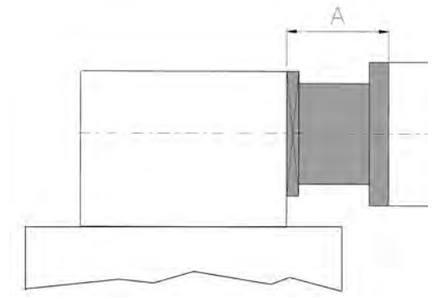


Typ	A	B	M nenn
MKU 040	24	30	12,5 Nm
MKU 060	20	30	12,5 Nm
MKU 060.1	53	40	17 Nm
MKU 090	48	40	17 Nm
MKU 090.1	60	55	60 Nm
MKU 120	85	65	160 Nm

Sonderkupplungen
Special couplings
Accouplements spéciaux
Giunti speciali
S./P. 58

Antriebsflansch MAF

driving flange/bride d'adaption/flangia per motore



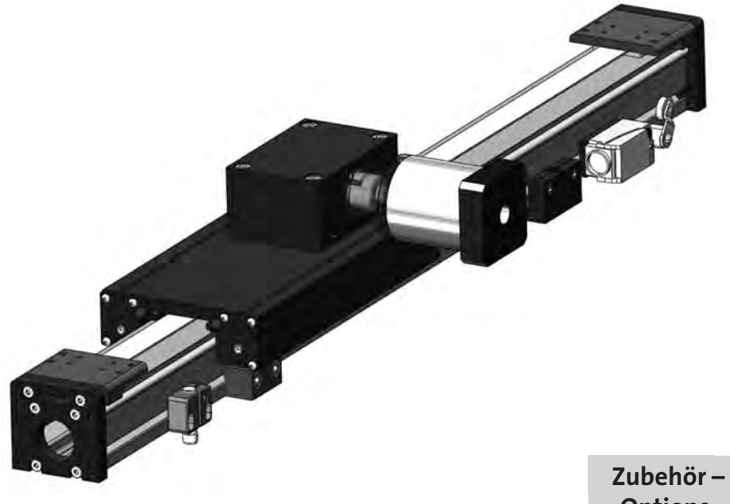
Typ	Getriebe	A/mm
MAF 040	MPG 40	38
MAF 060	MPG 60	45
MAF 060.1	MPG 60	64
MAF 060.1	MPG 90	78
MAF 090	MPG 90	78
MAF 120	MPG 120	115

Inkl. Schrauben für die Achse. Sonderflansche auf Wunsch/
Including screws for axis. Special flange possible/
Visserie comprise. Brides spéciales possibles/
Compresi viti per l'asse. Flangie speciali possibili.

Option

Version .3

rostfreie Ausführung



Zubehör – Seite 54-69/
Options – page 54-69