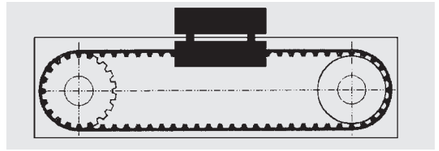
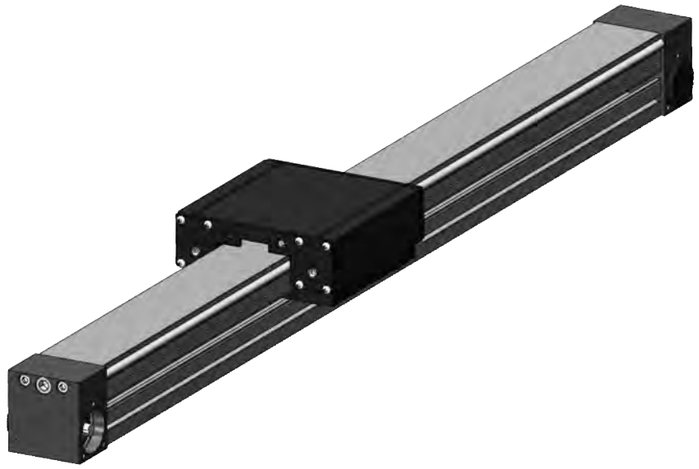
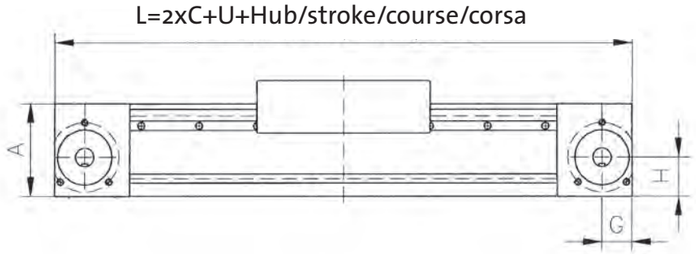
Typ MZV 60

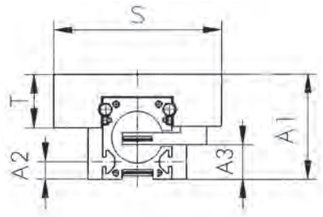
mit verdecktem Zahnriemenantrieb/
with integrated beltdrive/axe à courroie
interne/con puleggia dentata integrata

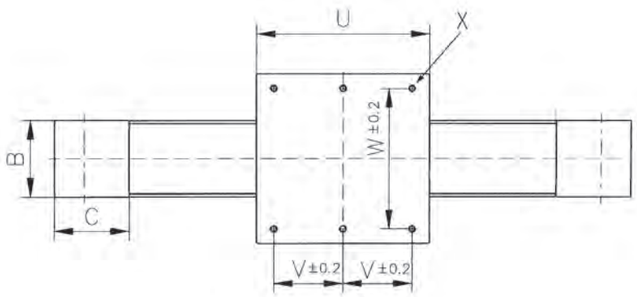




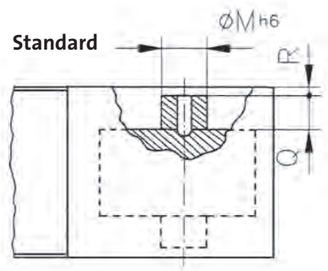
L=2xC+U+Hub/stroke/course/corsa

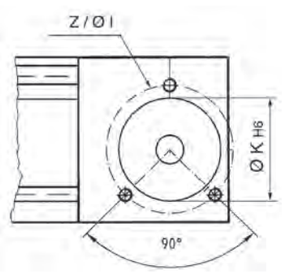






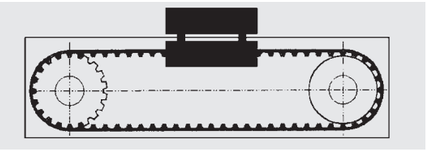
Standard





Typ MZV 60

mit verdecktem Zahnriemenantrieb/
with integrated beltdrive/axe à courroie
interne/con puleggia dentata integrata



Linearachse/axis/axe/asse lineare

Typ	Profil (b x h)	A x B x C	A1	A2	A3
MZV 060.	60 x 70	70 x 65 x 45	90	15	31

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

					Standard .o	
Typ	**G x H**	**Ø I**	**Z**	**Ø K**	**Ø M**	**Q x R**
MZV 060.	21,5 x 22	46	(3 x) M5 x 10	37	10	8,5 x 2

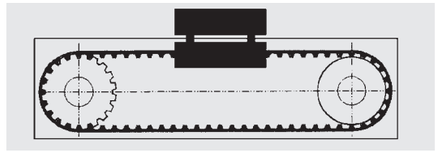
Schlitten/carriage/chariot/slitta

Typ	U	Rollen *bearings galets*	S x T	V	W	X	Gewicht/weight/poids/peso (kg)		
							2x Block *2x bloc*	Schlitten *chariot*	Profil/m *profil/m*
MZV 060	150	4	145 x 45	65 (2x)	115	M8 x 12	2,0	2,1	7,8
	200	4		90 (2x)				2,6	
	300	6		90 (3x)				4,1	
	500	8		117,5 (4x)				6,1	

Bestellbeispiel:	**example of ordering:**	**exemple de commande:**	**esempio di ordinazione**
MZV 060.150.1000.0	**MZV 060.150.1000.0**	**MZV 060.150.1000.0**	**MZV 060.150.1000.0**
Typ MZV	**type MZV**	**type MZV**	**tipo MZV**
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**
Standardversion = 0	**standard version = 0**	**version standard = 0**	**versione standard = 0**

Typ MZV 60

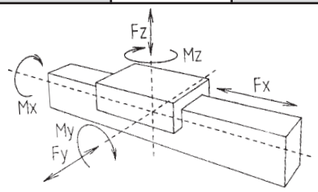
mit verdecktem Zahnriemenantrieb/
with integrated beltdrive/axe à courroie
interne/con puleggia dentata integrata



Linearachse	Umfang Riemenscheibe mm	Durchmesser Riemenscheibe mm	Leerlaufmoment Nm	Geschwindigkeit m/s bei 1000/min	max. Antriebsmoment 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)
MZV 60	100	31,8	0,6	1,67	10	16	5	700 N

Fx (nominal) = Fx (max)/2

$$\left(\frac{Fy}{Fy(max)}+\frac{Fz}{Fz(max)}+\frac{Mx}{Mx(max)}+\frac{My}{My(max)}+\frac{Mz}{Mz(max)}\right)\leq 1$$



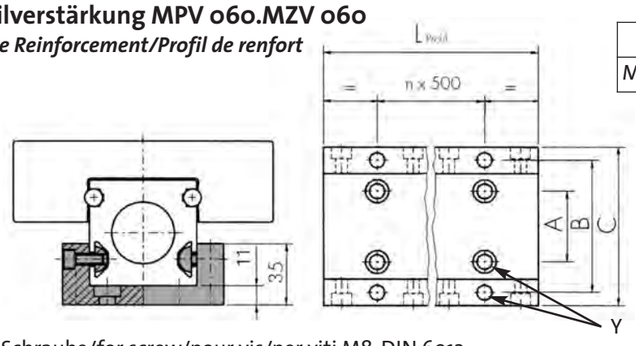
Schlittenbelastungen (dynamisch)/carriage forces (dynamic)/
force de chariot (dynamique)/forze sulla slitta (dinamico)

Achsprofil mm	Schlittenlänge mm	Rollen	für Last horizontal*	Fx(max) N	Fy(max) N	Fz(max) N	Mx(max) Nm	My(max) Nm	Mz(max) Nm
60	150	4	50 kg	700	2500	1600	43	90	130
	200							120	170
	300	6			3100	2200	54	180	250
	500	8					65	300	400

Schlittenbelastungen sind Anhaltswerte, ausschlaggebend sind Geschwindigkeit und Beschleunigung bezogen auf den speziellen Belastungsfall. Wir beraten Sie gerne.
The carriage forces are for information, real values depend on speed, acceleration and the combination of forces. We are pleased to support you.
Les forces données sont pour informaton. Les valeurs réelles dépendent de la vitesse, l'accélération et la combinaison des forces. Nous pouvons vous aider volontiers.
I dati in tabella sono indicativi. I valori reali dipendono da velocitá, accelerazione e dalla combinazione delle forze. Siamo lieti di supportarvi nel dimensionamento.

Profilverstärkung MPV 060.MZV 060

Profile Reinforcement/Profil de renfort



Typ	A	B	C	kg/m
MZV 060	40	75	90	4,6



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

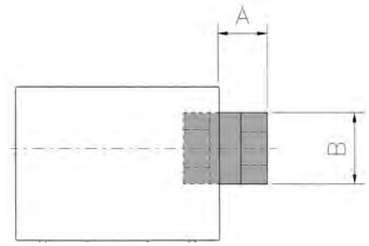
Bestellbeispiel:	example of ordering:	exemple de commande:	esempio di ordinazione
MPV 060.2000	MPV 001.060	MPV 001.060	MPV 001.060
Typ MPV	type MPV	type MPV	tipo MPV
Achse = 060	axis = 060	axe = 060	asse = 060
L (Achsprofil) = 2000	L (axis profile) = 2000	L (profile) = 2000	L (profilo) = 2000

Zubehör für Typ MZV

accessories/accessoires/accessori

Kupplung MKU

coupling/accouplement/giunto

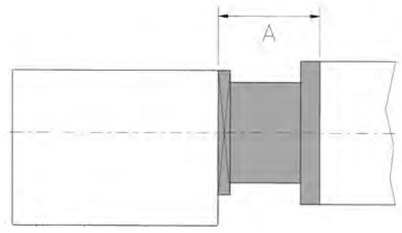


Typ	A	B	M nenn	D max
MKU 040	24	30	12,5 Nm	16 mm

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

Antriebsflansch MAF

driving flange/bride d'adaption/flangia per motore



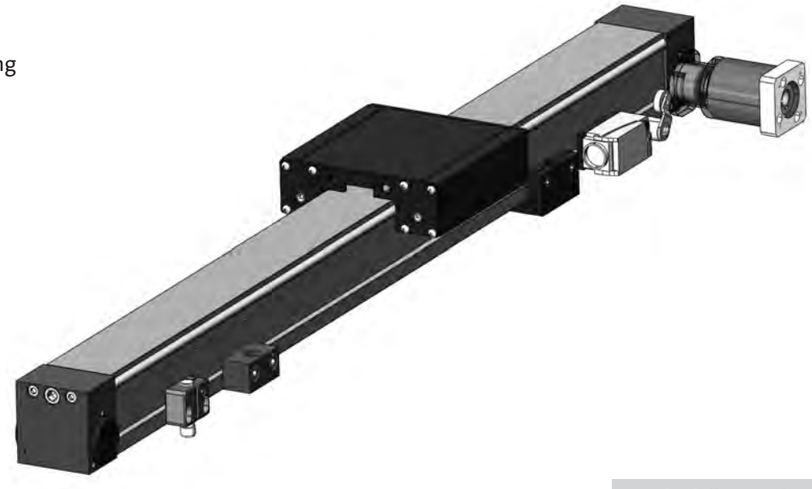
Typ	Getriebe	A/mm
MAF 040	MPG 40	38

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