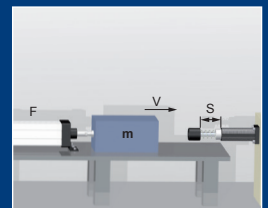


Deceleration cylinder

WM-Z 2



2D / 3D CAD
Download



Benefits

Mounting:

- Vertical with the piston rod down

Temperature:

- Standard: -20°C - +80°C
- Low temperature: -50°C-...+60°C
- High temperature: 0°C-...+120°C

Surface protection:

- Housing: Zinc Plated

RoHS - conform:

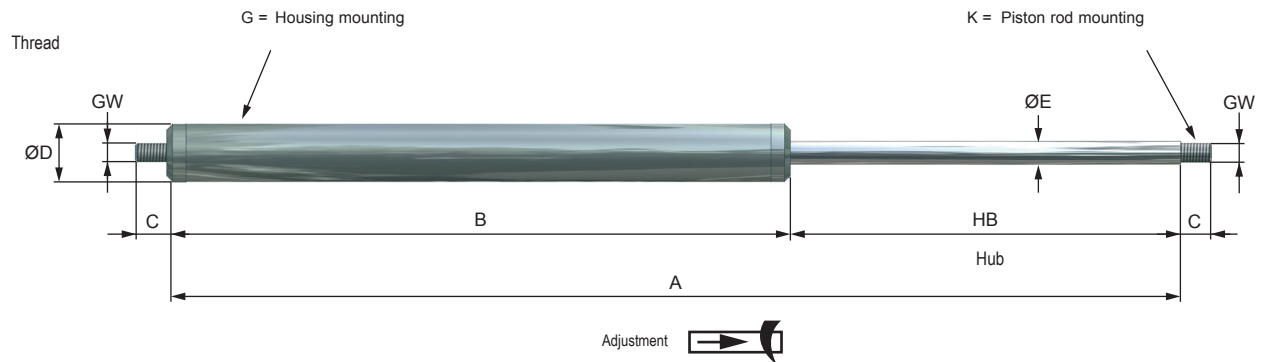
- Directive 2002/95/EC

Design:

- Flexibility relating to Stroke, Deceleration Characteristic

Extended Life Time:

- Special Seals + Oils
- Piston rod hard-chrome plated

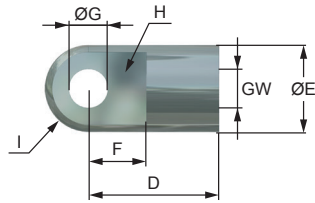


20% of the stroke without deceleration for the standard models (WM-Z).

PERFORMANCE

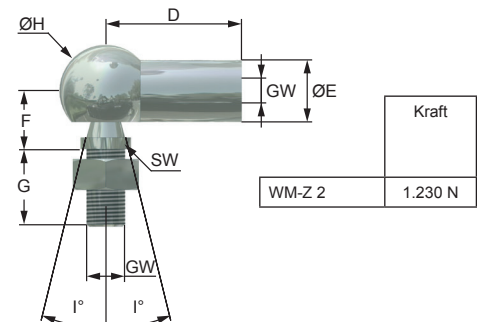
	Stroke	Max. compression force	Standard version Z					Weight
			A	B	C	ø D	ø E	(Z)
	mm	N	mm	mm	mm	mm	mm	kg
WM-Z 2-050	50	3100	160	110	10	28	8	0,3
WM-Z 2-100	100	3100	260	160	10	28	8	0,4
WM-Z 2-150	150	3100	360	210	10	28	8	0,5
WM-Z 2-200	200	3100	460	260	10	28	8	0,6
WM-Z 2-250	250	3100	560	310	10	28	8	0,7
WM-Z 2-300	300	2800	660	360	10	28	8	0,8
WM-Z 2-350	350	2300	760	410	10	28	8	0,9
WM-Z 2-400	400	1800	860	460	10	28	8	1,0

1 Male rod clevis



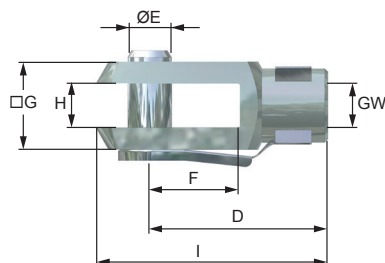
GW*	D	ØE	F	G	H	I	J	SW
mm	mm	mm	mm	mm	mm	mm	mm	mm
M 8	19	14	12	8,1	10	7	-	-

2 Angle joint (DIN 71802)



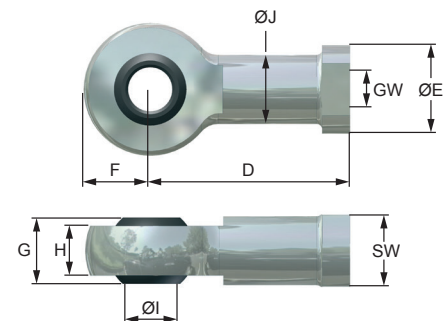
GW*	D	ØE	F	G	H	I	J	SW
mm	mm	mm	mm	mm	mm	mm	mm	mm
M 8	30	13	13	16	20	-	-	11

3 Female rod clevis (DIN 71752)



GW*	D	ØE	F	G	H	I	J	SW
mm	mm	mm	mm	mm	mm	mm	mm	mm
M 8	32	8	16	16	8	42	-	-

4 Spherical end bearing (DIN 648, Series K, Series E on enquiry)



GW*	D	ØE	F	G	H	I	J	SW
mm	mm	mm	mm	mm	mm	mm	mm	mm
M 8	36	16	12	12	9	8	12,5	13

Ordering Information	
WM-Z 2-050-K3G4-C	
WM	Weforma
Z	Deceleration cylinder (Standard)
2	Diameter: 28 mm
050	Stroke: 50 mm
K3	Piston rod mounting: female rod clevis
G4	Housing mounting: spherical end bearing
C	Typ of deceleration : A= Push, B= Pull, C= Push and Pull

Important information

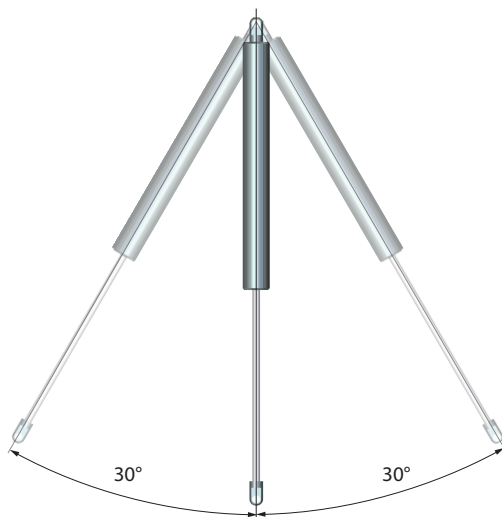
General Information

Shock absorber, deceleration cylinders and speed controls may under no circumstances be welded, painted or provided with clamps.



The products must be protected against contamination, fluids and air pressure. We offer special solutions for these applications. deceleration cylinder should be assembled only with the fixture indicated in the catalogue. When deceleration cylinders are used parallel the size of the model and the used degree of hardness / used adjustment has to be the same. The load has to be distributed equally. Upon the occurrence of vibrations and oscillation a written release by Weforma is required. A fixed stop must be set in the end positions 1 - 1,5 mm before the end of the stroke. 20% of the stroke without deceleration for the WM-Z series.

Mounting: WM-Z vertical,
Deviation: $\pm 30^\circ$ from the axis



Adjustment:

Fixation of the piston rod in the extended position adjustment of the deceleration by turning the piston rod clockwise / counter clockwise
soft deceleration = rotating counter-clockwise
hard deceleration = rotating clockwise

Further hardness grades: on enquiry

