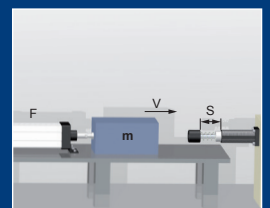


## Deceleration cylinder

WM-ZG 0,8



2D / 3D CAD  
Download



## Benefits

### **Mounting:**

- Installation position: any
- Recommendation: Vertical with the piston rod down

### **Surface protection:**

- Housing: Zinc Plated

### **Design:**

- Flexibility relating to Stroke, Deceleration Characteristic

### **Temperature:**

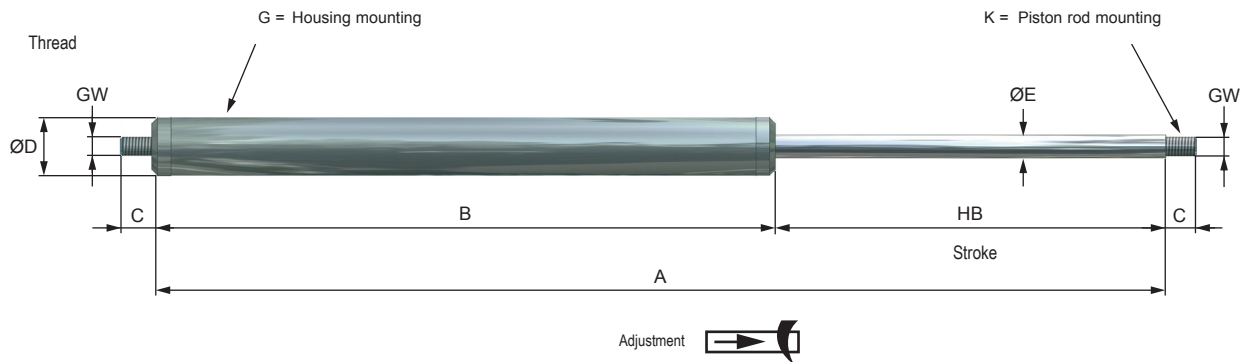
- Standard: -20°C - +80°C

### **RoHS - conform:**

- Directive 2002/95/EC

### **Extended Life Time:**

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

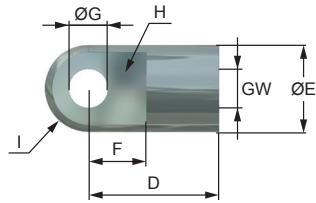


Design ZG without return stroke with volume compensation of piston rod through floating piston. Return force, see table  
Installation position: any position

## PERFORMANCE

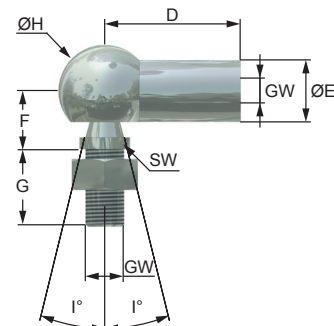
	Stroke	Max. compression force	Standard version Z		Return force					Weight	Weight
			A	B		C	Ø D	Ø E	GW	(Z)	(ZG)
	mm	N	mm	mm	max. N	mm	mm	mm		g	g
WM-ZG 0,8-10	10	200	65	55	15	5	12	4	M 3,5	30	35
WM-ZG 0,8-20	20	200	88	68	15	5	12	4	M 3,5	35	40
WM-ZG 0,8-30	30	200	111	81	15	5	12	4	M 3,5	40	45
WM-ZG 0,8-40	40	200	134	94	15	5	12	4	M 3,5	46	51
WM-ZG 0,8-50	50	200	158	108	15	5	12	4	M 3,5	52	57
WM-ZG 0,8-60	60	200	181	121	15	5	12	4	M 3,5	58	63
WM-ZG 0,8-70	70	200	204	134	15	5	12	4	M 3,5	63	68
WM-ZG 0,8-80	80	200	227	147	15	5	12	4	M 3,5	69	74

## 1 Male rod clevis



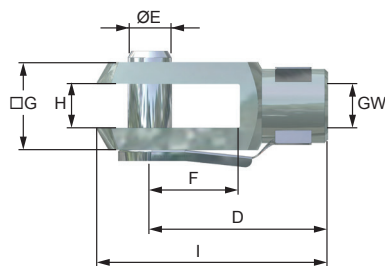
GW*	D	ØE	F	G	H	I	J	SW
	mm	mm	mm	mm	mm	mm	mm	mm
M 3,5	12	8	8	4,1	4	4	-	-

## 2 Angle joint (DIN 71802)



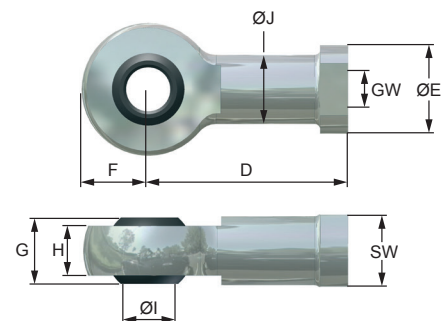
GW*	D	ØE	F	G	H	I	J	SW
	mm	mm	mm	mm	mm	mm	mm	mm
M 3,5	22	8	9	10,2	13	-	-	7

## 3 Female rod clevis (DIN 71752)



GW*	D	ØE	F	G	H	I	J	SW
	mm	mm	mm	mm	mm	mm	mm	mm
M 3,5	16	4	8	8	4	21	-	-

## 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
M 3,5	21	6,5	7	6	4,5	3	5	5,5

Ordering Information	
<b>WM-ZG 0,8-050-K3G4-C</b>	
<b>WM</b>	Weforma
<b>ZG</b>	Deceleration cylinder with volume compensation of the piston rod
<b>0,8</b>	Diameter: 12 mm
<b>050</b>	Stroke: 50 mm
<b>K3</b>	Piston rod mounting: female rod clevis
<b>G4</b>	Housing mounting: spherical end bearing
<b>C</b>	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.

If the absorption should be insufficient, please contact Weforma or the respective representation.. Deceleration cylinders of the WM-ZG series are adjustable over the whole deceleration range. A fixed stop must be set in the end positions 1 - 1,5 mm before the end of the stroke. Ausführung WM-ZG; with volume compensation, As a result of the adjustment, the total length can change up to 8 mm. Before opening deceleration cylinders of the WM-ZG series the pressure must be let off. Do not drive in the final position under full load.

### 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

Einbaulage: beliebig

