Gaszugfedern · Gas traction springs
Ressorts à gaz de traction · Molle a gas di trazione
Resortes a gas tracción

D

- **Hohe Korrosionsbeständigkeit**
  - Gehäuse: pulverbeschichtet
  - Kolbenstange: keramisch beschichtet
- **Minimale Reibungswerte für niedrigsten Ausschubkräften**
- **Integrierte Fettkammer und Gleitlager**
- Niedrige Losbrechkraft
- Einbaulage: beliebig
- Wartungsfrei und einbaufertig
- Temperaturbereich: -20°C – +80°C, optional: -45°C – +200°C
- RoHS konform Richtlinie 2002/95/EG
- Einzugkraft muss bei Bestellung angegeben werden

GB

- **High corrosion resistance**
  - Housing: powder coated
  - Piston rod: ceramic coated
- **Minimal friction coefficient to achieve the lowest extension forces**
- **Integrated grease chamber and sliding bearing**
- Lower breakaway force
- Installation position: any
- Maintenance-free and ready for installation
- Temperature: -20°C – +80°C, optional: -45°C – +200°C
- RoHS compliant Directive 2002/95/EC
- Pull-in force must be stated on ordering.

F

- **Résistance élevée à la corrosion**
  - Corps : peinture à la poudre
  - Tige de piston: revêtement céramique
- **Valeurs de frottement minimales pour atteindre les plus faibles forces d'extension**
- **Chambre de lubrification et palier lisse intégrés**
- Faible force de rupture
- Position de montage : au choix
- Sans maintenance et prêt à monter
- Températures: -20°C – +80°C, en option: -45°C – +200°C
- RoHS compliantes Directive 2002/95/EC
- L'effort d'amortissement doit être précisé lors de la commande

I

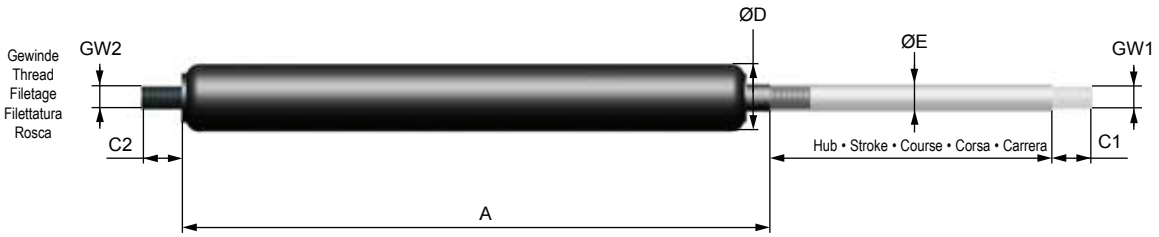
- **Elevata resistenza alla corrosione**
  - Corpo: rivestimento in polvere
  - Stelo del pistone: rivestimento ceramico
- **Valori d'attrito ridotti per ottenere forze d'espulsione minime**
- **Camera di lubrificazione e cuscinetti a strisciamento integrati**
- Forza di spunto ridotta
- Posizione di montaggio: a scelta
- Senza manutenzione e pronte per il montaggio
- Temperatura: -20°C - +80°C, opzionale: -45°C - +200°C
- RoHS compliante Direttiva 2002/95/EC
- La forza di inserimento deve essere indicata quando si effettua l'ordine

E

- **Alta resistencia a la corrosión**
  - Carcasa: recubrimiento en polvo
  - Vástago del émbolo: revestimiento cerámico
- **Valores de fricción mínimos para conseguir las menores fuerzas de extracción**
- **Cámara de grasa y cojinetes deslizantes integrados**
- Fuerza de arranque baja
- Posición de montaje: cualquiera
- Sin mantenimiento y listo para ser montado
- Temperaturas: -20°C – +80°C, opcional: -45°C – +200°C
- RoHS y que cumplan Directiva 2002/95/CE
- Debe indicarse la fuerza de inserción en el pedido

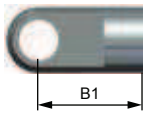
Befestigung / Mounting
Fixation / Fissaggio / Soporte
G0

Befestigung / Mounting
Fixation / Fissaggio / Soporte
K0

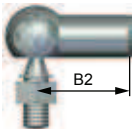


8

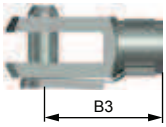
1 Gelenkauge • Male rod clevis
Tête de chape (male)
Attacco a cerniera maschio
Charnela macho



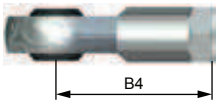
2 Winkelgelenk • Angle joint
Joint à angle • Snodo angolare
Charnela articulada



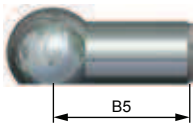
3 Gabelkopf • Female rod clevis
Embout à rotule (femelle)
Forcella femmina
Charnela hembra



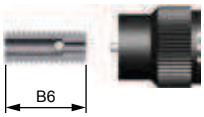
4 Gelenkkopf • Spherical end bearing
Joint articulé • Forcella snodata
Charnela macho articulada



5 Kugelpfanne • Ball joint housing
Coussinet sphérique
Cuscinetto sferico
Cojinete esférico



6 **nur G only G** Ablaßschraube • Release screw
Vis de purge • Tappo di scarico
Tornillo de vaciado



8 Schutzrohr • Protection tube
Tube de protection
Tubo di protezione
Tubo de protección

ABMESSUNGEN ▪ DIMENSIONS ▪ DIMENSIONI ▪ DIMENSIONES

	ø D	Hub ▪ Stroke Course ▪ Corsa Carrera	Kraft ▪ Force Force ▪ Forza Fuerza		Kraft bei ausgezogener Kolbenstange Force with extended piston rod*	A	B1	B2	B3	B4	B5	B6	C1	C2	ø E	GW1	GW2
	mm	mm	N min.	N max.	N max.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
WM-GZ-19-30	19	30	30	300	360	112	20	30	32	36	30	5	10	8	6	M8	M8
WM-GZ-19-50	19	50	30	300	360	132	20	30	32	36	30	5	10	8	6	M8	M8
WM-GZ-19-100	19	100	30	300	360	182	20	30	32	36	30	5	10	8	6	M8	M8
WM-GZ-19-150	19	150	30	300	360	232	20	30	32	36	30	5	10	8	6	M8	M8
WM-GZ-19-200	19	200	30	300	360	282	20	30	32	36	30	5	10	8	6	M8	M8
WM-GZ-28-30	28	30	150	1200	1980	130	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-50	28	50	150	1200	1980	150	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-100	28	100	150	1200	1980	200	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-150	28	150	150	1200	1980	250	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-200	28	200	150	1200	1980	300	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-250	28	250	150	1200	1980	350	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-300	28	300	150	1200	1980	400	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-350	28	350	150	1200	1980	450	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-400	28	400	150	1200	1980	500	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-450	28	450	150	1200	1980	550	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-500	28	500	150	1200	1980	600	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-550	28	550	150	1200	1980	650	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-600	28	600	150	1200	1980	700	25	35	40	43	-	12	9	9	10	M10	M10
WM-GZ-28-650	28	650	150	1200	1980	750	25	35	40	43	-	12	9	9	10	M10	M10

* Force avec tige de piston sortie ▪ Forza con stelo del pistone estratta ▪ Fuerza con vástago del émbolo extendida