



# GASFEDER GF14/28



Hub C (mm)	Maß E (mm)	Material-Nr. für F <sub>1</sub> (N)									
		200	500	600	700	800	900	1000	1100	1200	
100	268	GF-280.678	GF-280.679	GF-280.680	GF-280.681	GF-280.682	GF-280.683	GF-280.684	GF-280.685	GF-280.686	
150	368	GF-280.695	GF-280.696	GF-280.697	GF-280.698	GF-280.699	GF-280.700	GF-280.701	GF-280.702	GF-280.703	
200	468	GF-280.526	GF-280.527	GF-280.528	GF-280.529	GF-280.530	GF-280.531	GF-280.532	GF-280.533	GF-280.534	
250	568	GF-280.542	GF-280.543	GF-280.544	GF-280.545	GF-280.546	GF-280.547	GF-280.548	GF-280.549	GF-280.550	
275	618	GF-281.910	GF-281.911	GF-281.912	GF-281.913	GF-281.914	GF-281.915	GF-281.916	GF-281.917	GF-281.918	
300	668	GF-280.558	GF-280.559	GF-280.560	GF-280.561	GF-280.562	GF-280.563	GF-280.564	GF-280.565	GF-280.566	
300	718	GF-282.951	GF-282.952	GF-282.953	GF-282.954	GF-282.955	GF-282.956	GF-282.957	GF-282.958	GF-282.959	
350	768	GF-280.574	GF-280.575	GF-280.576	GF-280.577	GF-280.578	GF-280.579	GF-280.580	GF-280.581	GF-280.582	
400	868	GF-280.590	GF-280.591	GF-280.592	GF-280.593	GF-280.594	GF-280.595	GF-280.596	GF-280.597	GF-280.598	
400	918	GF-283.614	GF-283.615	GF-283.616	GF-283.617	GF-283.618	GF-283.619	GF-283.620	GF-283.621	GF-283.622	
450	968	GF-280.606	GF-280.607	GF-280.608	GF-280.609	GF-280.610	GF-280.611	GF-280.612	GF-280.613	GF-280.614	
500	1068	GF-280.622	GF-280.623	GF-280.624	GF-280.625	GF-280.626	GF-280.627	GF-280.628	GF-280.629	GF-280.630	

Hub C (mm)	Maß E (mm)	Material-Nr. für F <sub>1</sub> (N)							
		1300	1400	1500	1600	1700	1800	1900	2000
100	268	GF-280.687	GF-280.688	GF-280.689	GF-280.690	GF-280.691	GF-280.692	GF-280.693	GF-280.694
150	368	GF-280.704	GF-280.705	GF-280.706	GF-280.707	GF-280.708	GF-280.709	GF-280.710	GF-280.711
200	468	GF-280.535	GF-280.536	GF-280.537	GF-280.538	GF-280.539	GF-280.540	GF-280.541	GF-280.493
250	568	GF-280.551	GF-280.552	GF-280.553	GF-280.554	GF-280.555	GF-280.556	GF-280.557	GF-280.494
275	618	GF-281.919	GF-281.920	GF-281.921	GF-281.922	GF-281.923	GF-281.924	GF-281.925	GF-280.749
300	668	GF-280.567	GF-280.568	GF-280.569	GF-280.570	GF-280.571	GF-280.572	GF-280.573	GF-280.495
300	718	GF-282.960	GF-282.961	GF-282.962	GF-282.963	GF-282.964	GF-282.965	GF-282.966	GF-282.967
350	768	GF-280.583	GF-280.584	GF-280.585	GF-280.586	GF-280.587	GF-280.588	GF-280.589	GF-280.496
400	868	GF-280.599	GF-280.600	GF-280.601	GF-280.602	GF-280.603	GF-280.604	GF-280.605	GF-280.497
400	918	GF-283.623	GF-283.624	GF-283.625	GF-283.626	GF-283.627	GF-283.628	GF-283.629	GF-283.577
450	968	GF-280.615	GF-280.616	GF-280.617	GF-280.618	GF-280.619	GF-280.620	GF-280.621	GF-280.498
500	1068	GF-280.631	GF-280.632	GF-280.633	GF-280.634	GF-280.635	GF-280.636	GF-280.637	GF-280.499

**Ausschubkraft F<sub>1</sub>:**  
(200 ± 50) N bis (2.000 ± 50) N

**Einbauvorschrift/  
Lagerung:**  
senkrecht,  
Kolbenstange nach unten,  
Neigung bis 60° zulässig

**Ausschubgeschwindigkeit:**  
0,1 bis 0,3 ms<sup>-1</sup>

**Länge der Endlagendämpfung:**  
(20 ± 10) mm

**Temperatureinsatzbereich:**  
-30°C bis +80°C  
Der angegebene Wert F<sub>1</sub> gilt bei  
einer Gasfedertemperatur von 20°C.  
Pro 10°C Temperaturabweichung  
ändert sich die Ausschubkraft  
um 3,4%.

**Zulässige Belastung:**  
in Zugrichtung: ≤ 5.000 N

**Gewährleistung:**  
50.000 Hübe  
(Voraussetzung: Einbau  
entsprechend unserer  
Einbauhinweise)

## Befestigungselemente GF 14/28

Auge	Material-Nr.	Øa	b	c	d	e	f	sw
8,1 - 12 x 16 - M10 <sup>1</sup>	GF-280.841	8,1	16	12	M10	19		
10,1 - 12 x 16 - M10 <sup>1</sup>	GF-280.874	10,1	16	12	M10	19		
12,1 - 12 x 16 - M10 <sup>1</sup>	GF-280.839	12,1	16	12	M10	19		
8,1 - 12 x 16 - M10 <sup>2</sup>	GF-280.976	8,1	16	12	M10	20		
10,1 - 12 x 16 - M10 <sup>2</sup>	GF-280.977	10,1	16	12	M10	20		
12,1 - 12 x 16 - M10 <sup>2</sup>	GF-280.978	12,1	16	12	M10	20		
8,1 - 14 x 20 - M10 <sup>3</sup>	GF-665.890	8,1	20	14	M10	19		

Material: 1 = Zink, verzinkt; 2 = Stahl, verzinkt, blauchromatiert; 3 = Aluminium

Auge	Material-Nr.	Øa	b	c	d	e	f	sw
8,1 - 10 x 30 - M10	GF-212.787	8,1	30	10	M10	18	16	
10,1 - 10 x 30 - M10	GF-280.878	10,1	30	10	M10	18	16	
10,1 - 10 x 36 - M10	GF-280.867	10,1	36	10	M10	18	16	

Material: Stahl, verzinkt, blauchromatiert

Gelenkauge	Material-Nr.	Øa	b	c	d	e	f	sw
10 - 14 x 13 - M10	GF-705.233	10	43	14	M10	28		17

Material: Stahl, verzinkt, blauchromatiert

Gabelkopf mit ES-Bolzen	Material-Nr.	Øa	b	c	d	e	f	sw
G8 x 16 - M10	GF-280.885	8	32	8	M10	16		
G10 x 20 DIN 71752	GF-212.758	10	40	10	M10	20		
G10 x 40 DIN 71752	GF-212.759	10	60	10	M10	40		

Material: Stahl, verzinkt, blauchromatiert

Winkelgelenk CS	Material-Nr.	Øa	b	c	d	e	f	sw
WG CS 16 x 35 - M10/M10	GF-212.772	M10	20	35	M10	16	16	13
WG CS 16 x 30 - M10/M10	GF-280.928	M10	20	30	M10	16	16	13

Material: Stahl, verzinkt, blauchromatiert

Winkelgelenke: Kugelpfannen und Kugelzapfen sind auch einzeln erhältlich

