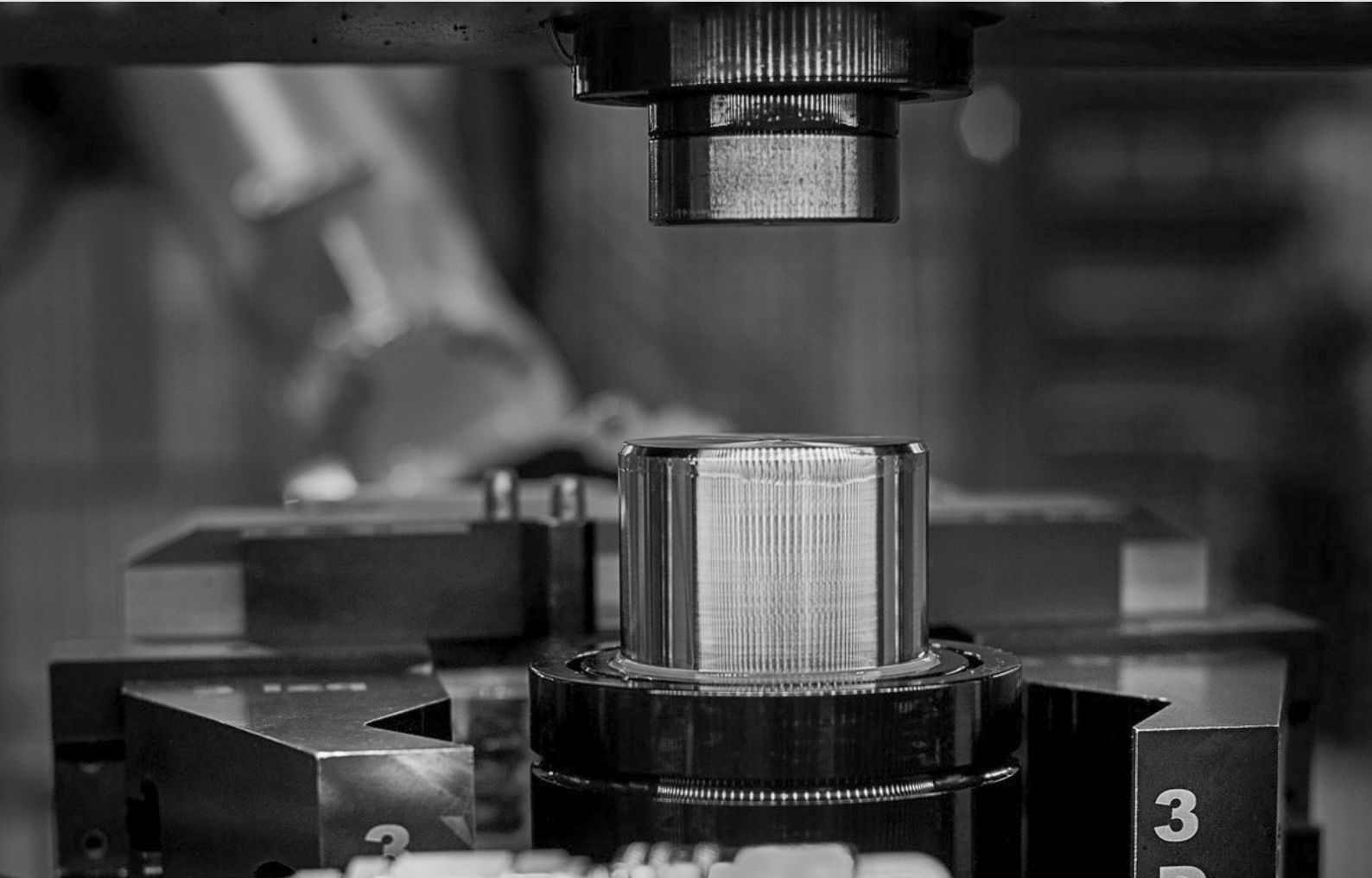




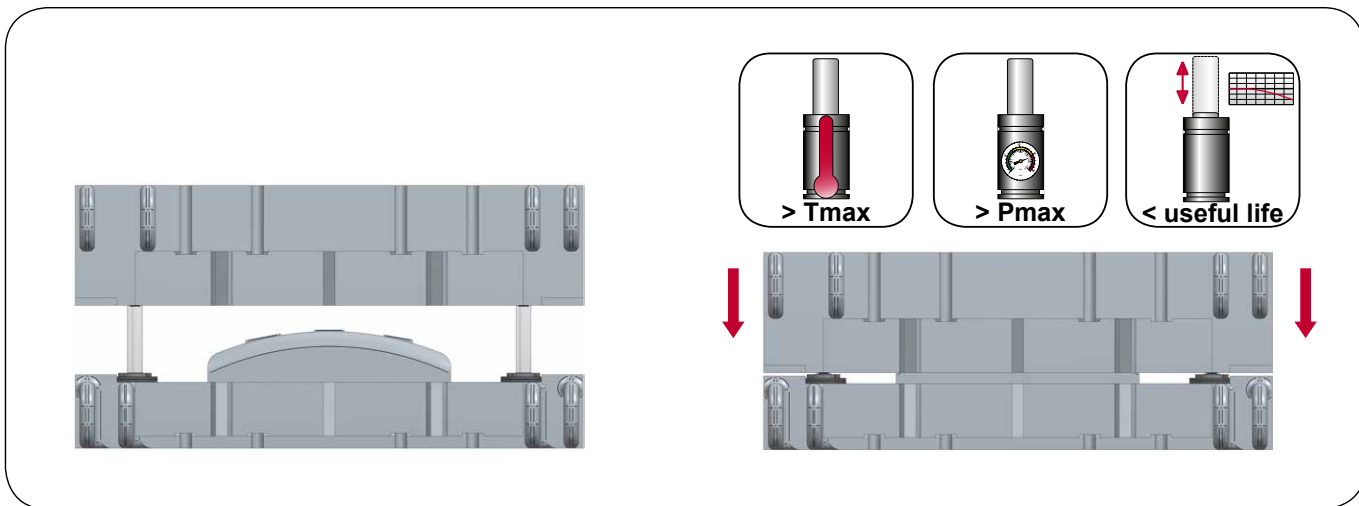
MSP **GN** **GM** **BH**

Märkische Stanz-Partner



[nitrocy|Gasdruckfedern]
Abstellfeder

[nitrocy|GasSprings]
Die Storage Gas Spring



Information

Die neuen Werkzeugabstellfedern NC.060.22 trennen Werkzeugober- und -unterteil voneinander, um zu verhindern, dass während der Lagerung oder des Transports Schäden entstehen. Sie verbleiben immer im Werkzeug und fahren befüllt den Hubweg während der Teileproduktion mit. Ihr Führungssystem zeichnet sich durch geringe Reibwerte aus, was letztendlich zur Möglichkeit schnellerer Taktfrequenzen und einer längerer Lebensdauer führt. Natürlich werden auch diese Federn mit den Sicherheits-Features "Überdruck", "Freier Rückhub" und "Überhub" gefertigt.

Die Abstellfedern können mit Flanschen befestigt werden, welche auf den Seiten 8+9 aufgeführt sind. Eine Verschlauchung ist auch möglich.

Information

To prevent damage to the die during both storage and transportation, these new die storage gas springs NC.060.22 separate the upper and the lower half of the die. During the entire production process, they remain - completely charged - in the die, and are compressed and released during each and every stroke. Their guiding system operates with low friction coefficients, allowing higher stroke frequencies and an overall longer service life. Naturally, they are manufactured with the built-in safety features "Overpressure", "Free release of the piston rod" and "Overstroke".

The die storage gas springs can be mounted with flanges as well, please see pages 8 and 9. Hosing is possible, too.

Größenübersicht/Technische Daten

Index/Specifications

MODEL	F ₀ daN	Ø mm	S mm	L1 mm	Pmax bar	Lade-anschluss / Charging connection		
NC.060.22.00750.	750	Ø50	100 - 300	295 - 695	150	G1/8"	NCCP.600	✓
NC.060.22.01500.	1500	Ø75	100 - 300	310 - 710	150	G1/8"	NCCP.600	✓
NC.060.22.03000.	3000	Ø95	125 - 300	370 - 720	150	G1/8"	NCCP.600	✓
NC.060.22.05000.	5000	Ø120	125 - 300	390 - 740	150	G1/8"	NCCP.600	✓
NC.060.22.07500.	7500	Ø150	125 - 300	405 - 755	150	G1/8"	NCCP.600	✓

NC.060.22.00750

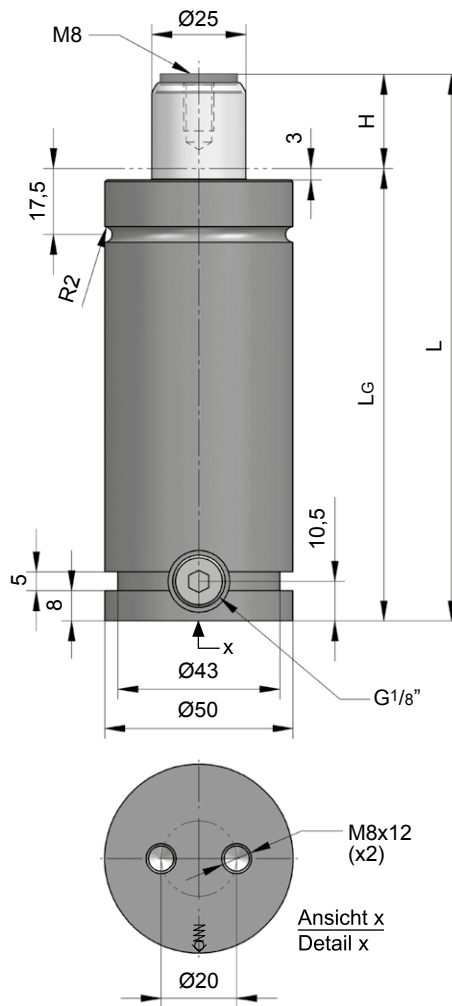


Technische Daten:

Medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Arbeitstemperatur: 0 - 80 °C
 Max. Kolbengeschw.: 2 m/s

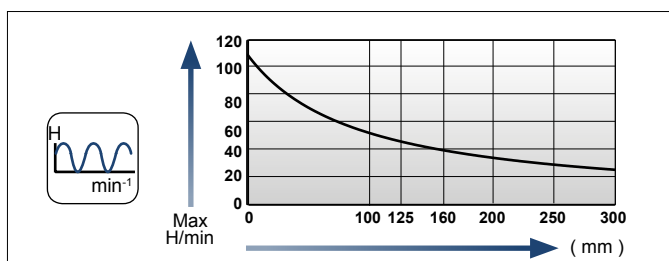
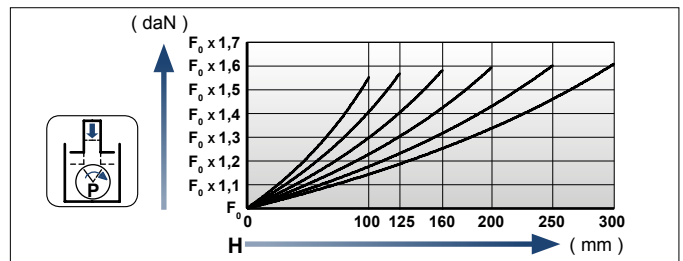
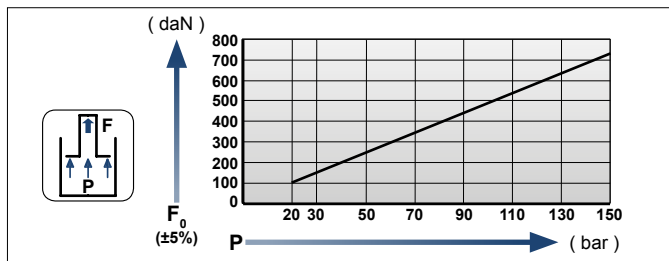
Specifications:

Pressure medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Operating temperature: 0 - 80 °C
 Max. piston rod speed: 2 m/s



NC.060.22.00750.100

H Hub / Stroke	L ±0,25	Lg	Kraft / Force (150 bar)	
			Anfang / Initial [daN]	Ende / Final [daN]
100	295	195	740	Druckanstiegsfaktor (siehe Diagramm unten) / Pressure rising factor (see diagram below)
125	345	220	740	
160	415	255	740	
200	495	295	740	
250	595	345	740	
300	695	395	740	



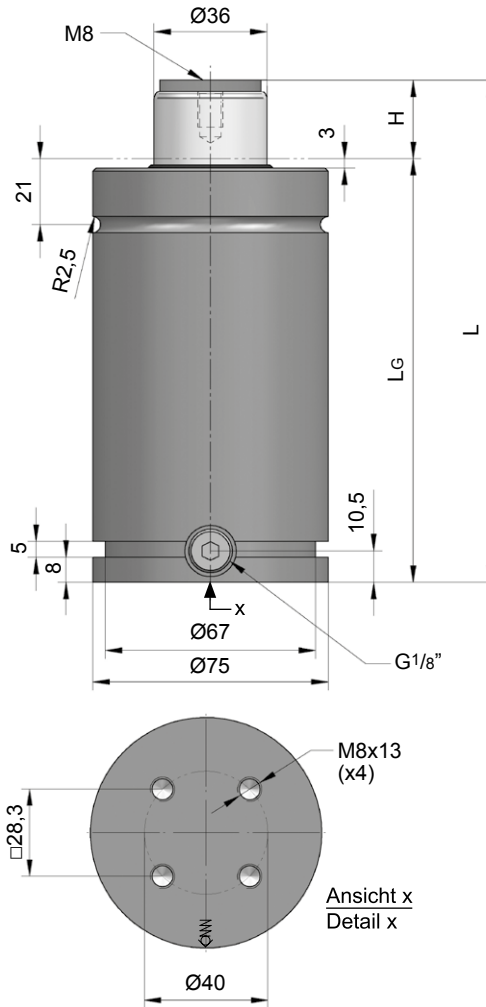
NC.060.22.01500

Technische Daten:

Medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Arbeitstemperatur: 0 - 80 °C
 Max. Kolbengeschw.: 2 m/s

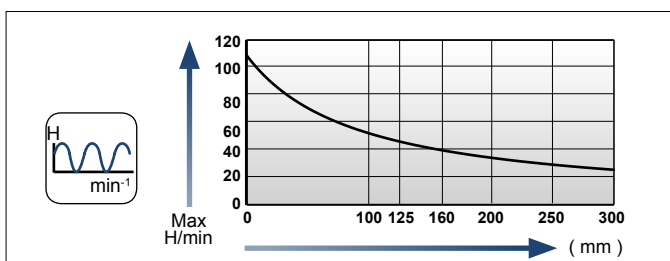
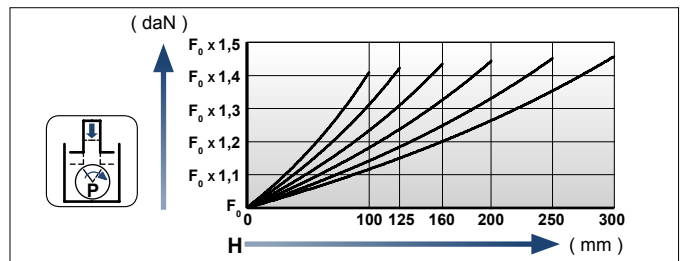
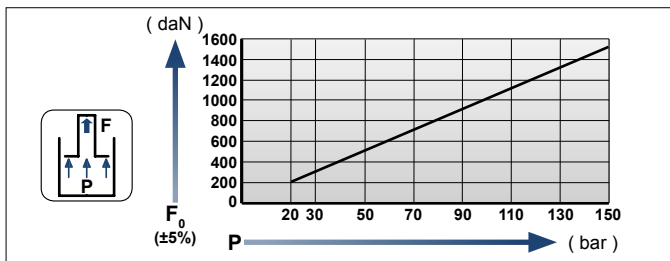
Specifications:

Pressure medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Operating temperature: 0 - 80 °C
 Max. piston rod speed: 2 m/s



NC.060.22.01500.100

H Hub / Stroke	L ±0,25	Lg	Kraft / Force (150 bar)	
			Anfang / Initial [daN]	Ende / Final [daN]
100	310	210	1530	Druckanstiegsfaktor (siehe Diagramm unten) / Pressure rising factor (see diagram below)
125	360	235	1530	
160	430	270	1530	
200	510	310	1530	
250	610	360	1530	
300	710	410	1530	



NC.060.22.03000

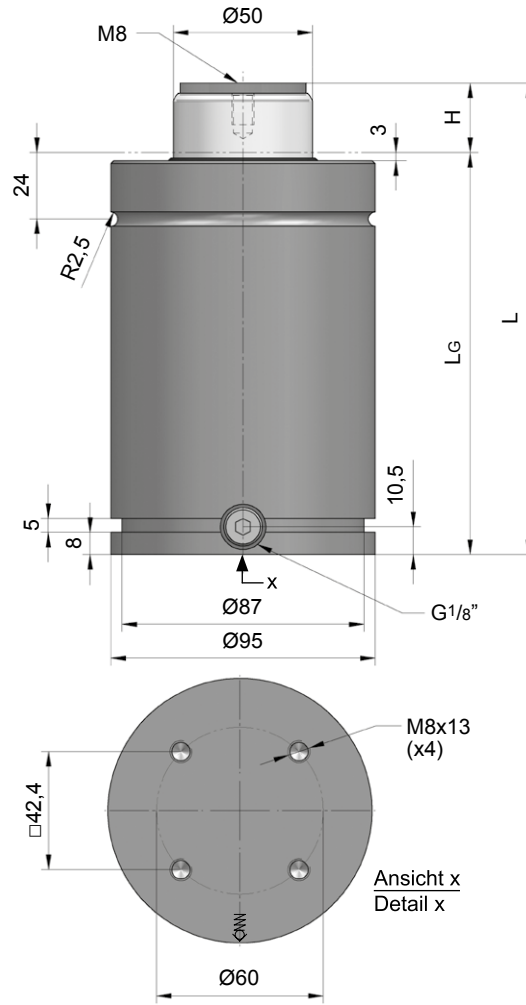


Technische Daten:

Medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Arbeitstemperatur: 0 - 80 °C
 Max. Kolbengeschw.: 2 m/s

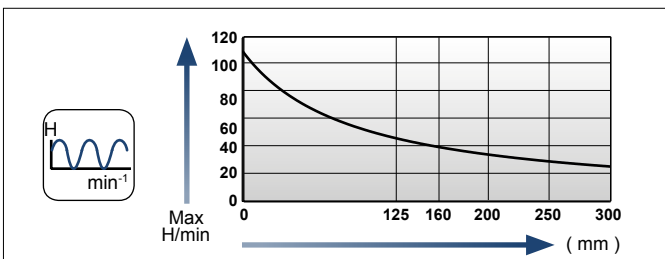
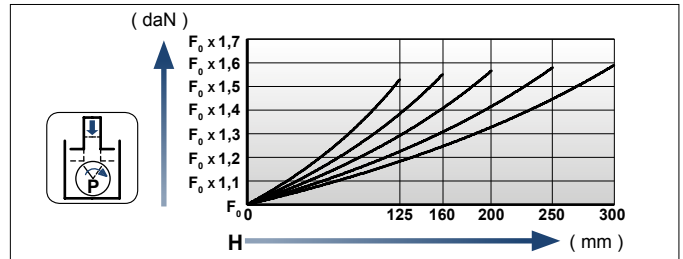
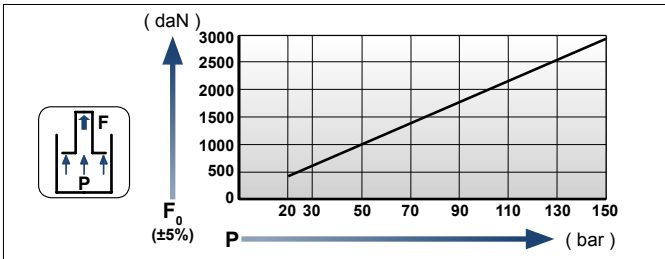
Specifications:

Pressure medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Operating temperature: 0 - 80 °C
 Max. piston rod speed: 2 m/s



NC.060.22.
03000.125

H Hub / Stroke	L ±0,25	LG	Kraft / Force (150 bar)	
			Anfang / Initial [daN]	Ende / Final [daN]
125	370	245	2945	Druckanstiegsfaktor (siehe Diagramm unten) / Pressure rising factor (see diagram below)
160	440	280	2945	
200	520	320	2945	
250	620	370	2945	
300	720	420	2945	



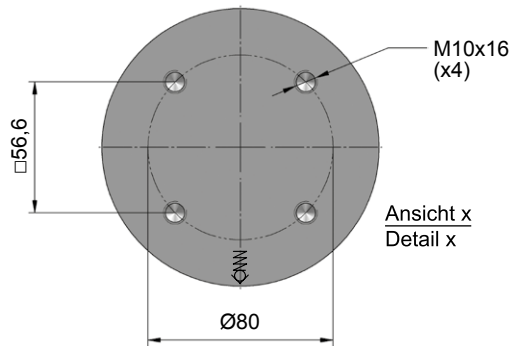
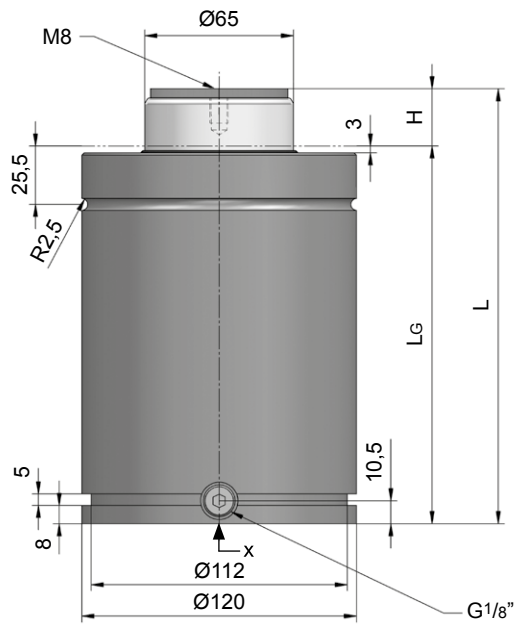
NC.060.22.05000

Technische Daten:

Medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Arbeitstemperatur: 0 - 80 °C
 Max. Kolbengeschw.: 2 m/s

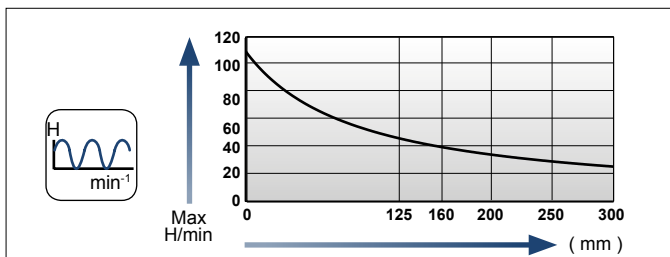
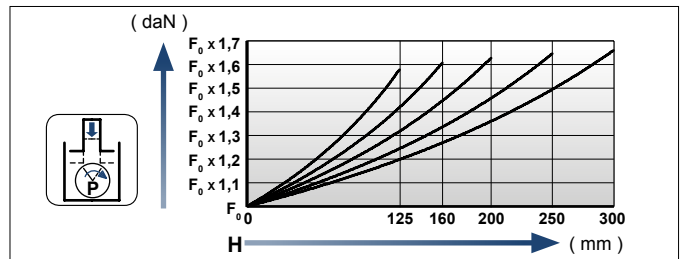
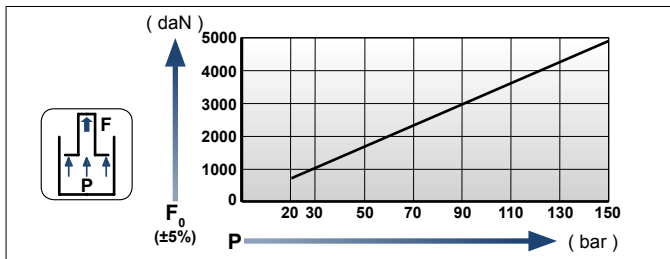
Specifications:

Pressure medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Operating temperature: 0 - 80 °C
 Max. piston rod speed: 2 m/s



NC.060.22.
05000.125

H Hub / Stroke	L ±0,25	Lg	Kraft / Force (150 bar)	
			Anfang / Initial [daN]	Ende / Final [daN]
125	390	265	4980	Druckanstiegsfaktor (siehe Diagramm unten) / Pressure rising factor (see diagram below)
160	460	300	4980	
200	540	340	4980	
250	640	390	4980	
300	740	440	4980	



NC.060.22.07500

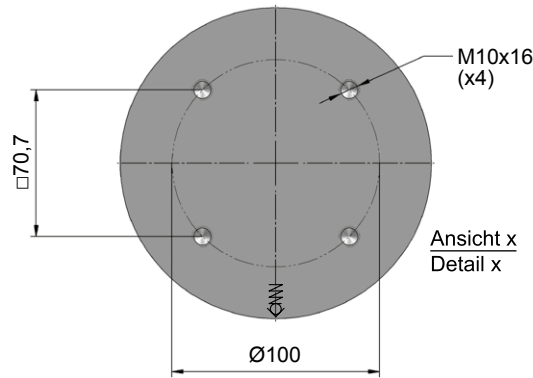
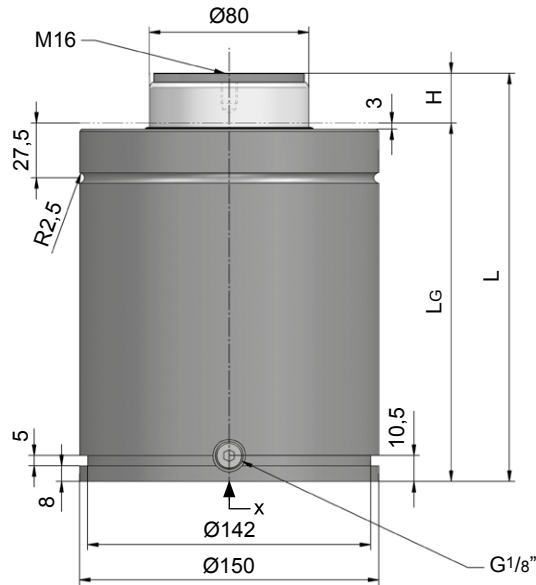


Technische Daten:

Medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Arbeitstemperatur: 0 - 80 °C
 Max. Kolbengeschw.: 2 m/s

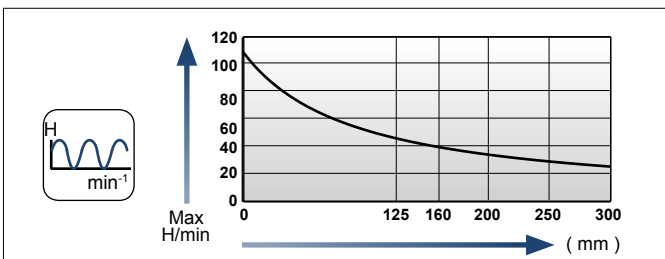
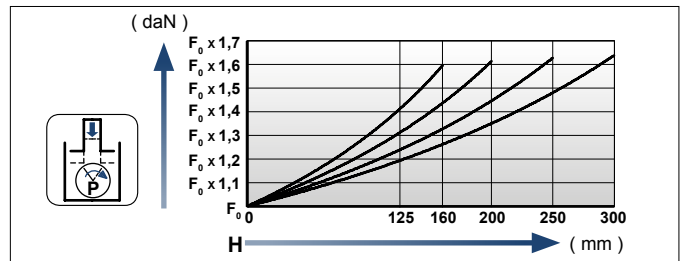
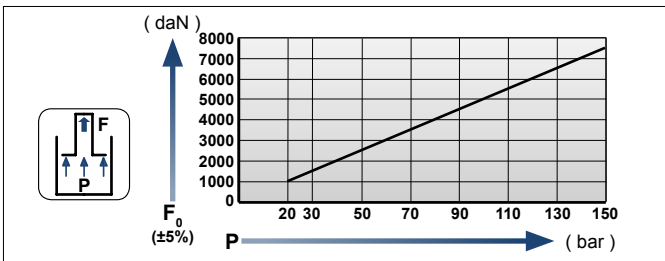
Specifications:

Pressure medium: N₂
 P_{max.} (20 °C): 150 bar
 P_{min.} (20 °C): 20 bar
 Operating temperature: 0 - 80 °C
 Max. piston rod speed: 2 m/s

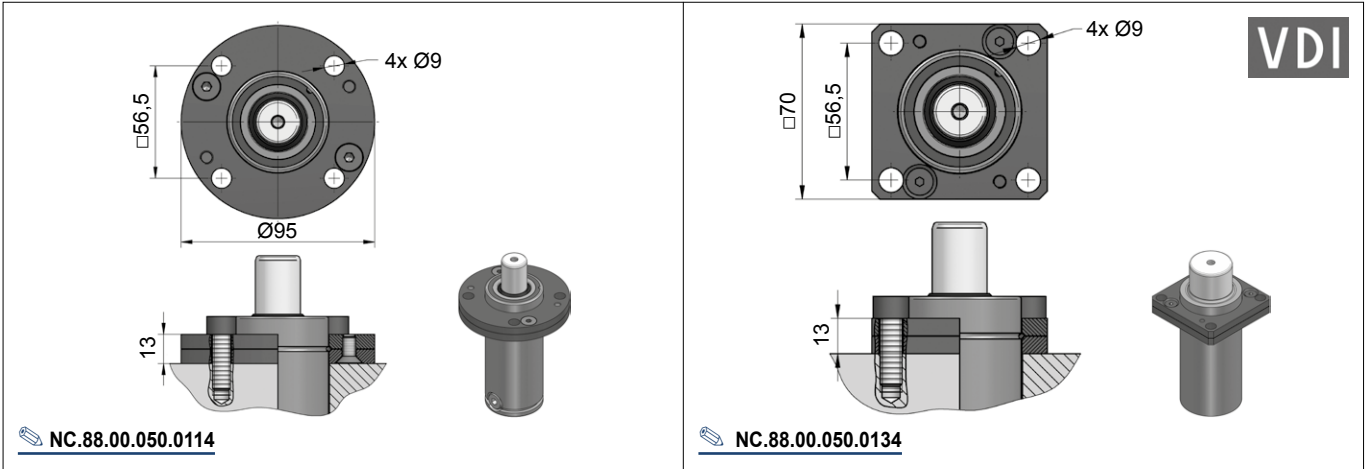


NC.060.22.07500.125

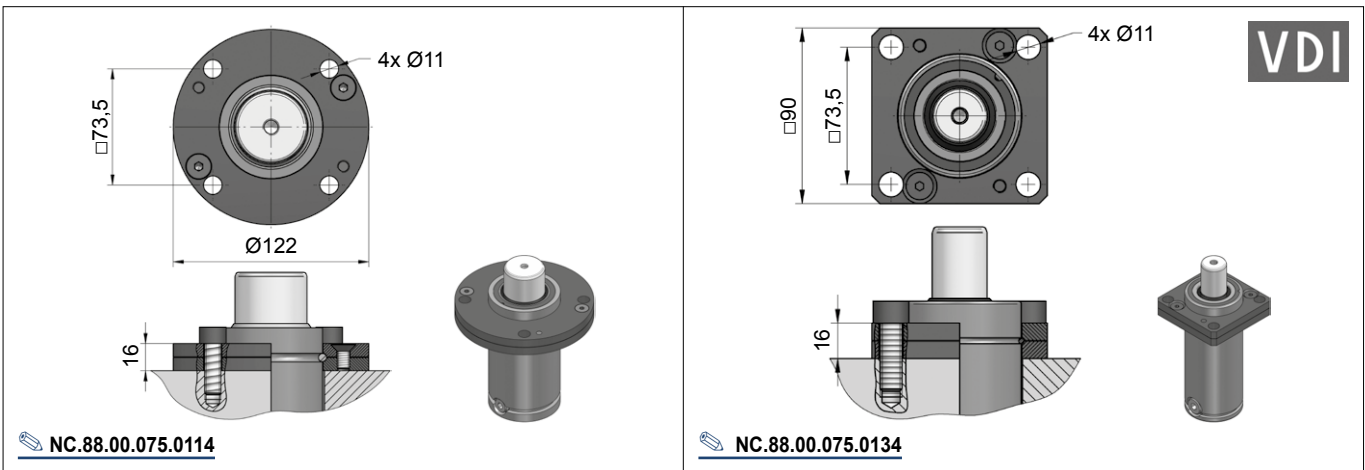
H Hub / Stroke	L ±0,25	LG	Kraft / Force (150 bar)	
			Anfang / Initial [daN]	Ende / Final [daN]
125	405	280	7540	Druckanstiegsfaktor (siehe Diagramm unten) / Pressure rising factor (see diagram below)
160	475	315	7540	
200	555	355	7540	
250	655	405	7540	
300	755	455	7540	



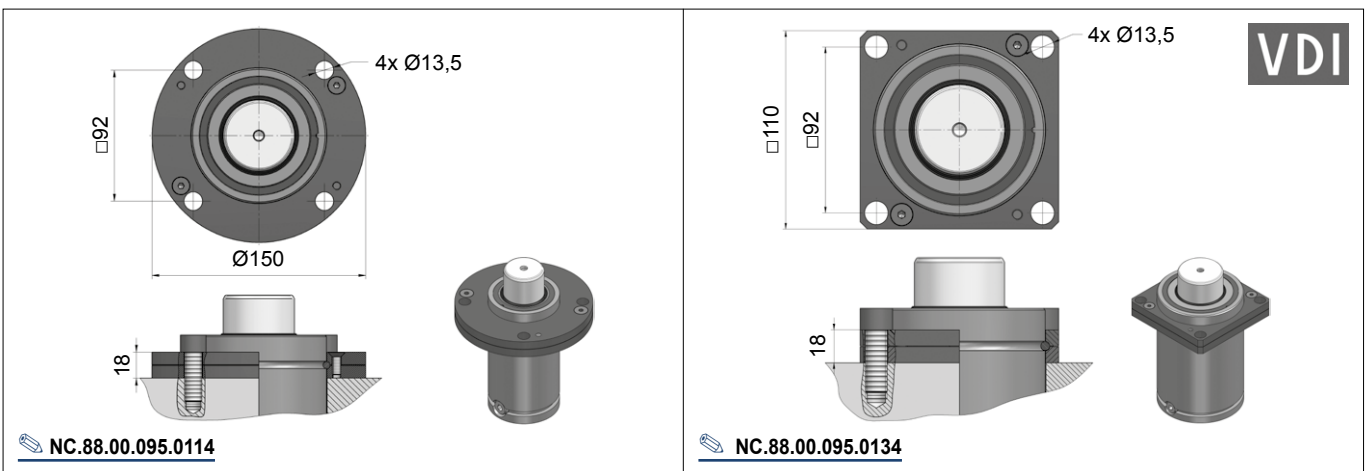
Flansche für / Flanges for NC.060.22.00750



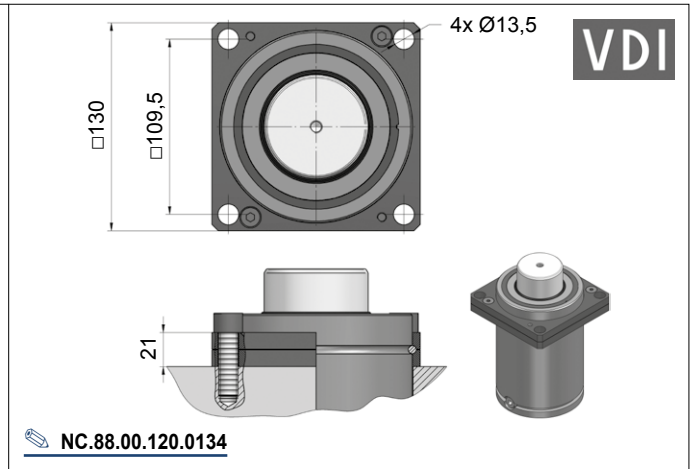
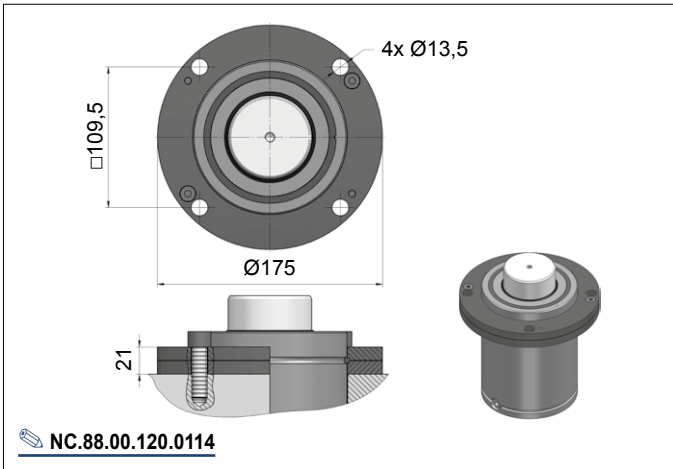
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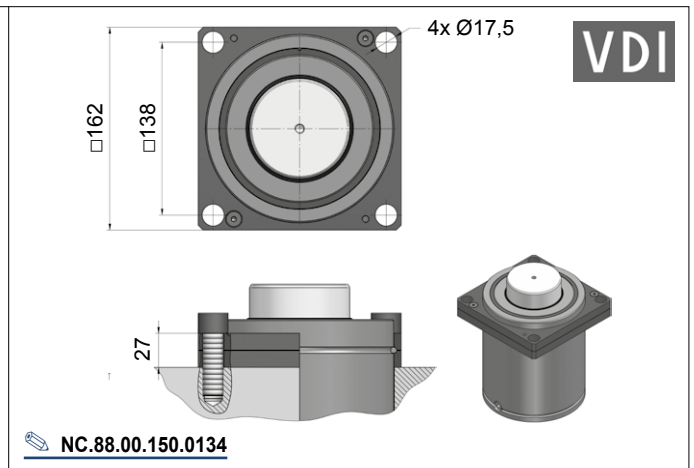
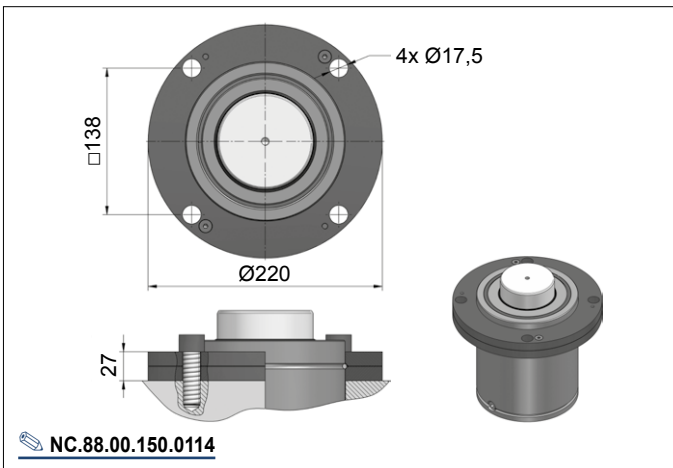
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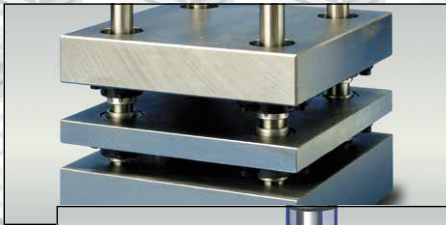
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Flansche für / Flanges for NC.060.22.07500

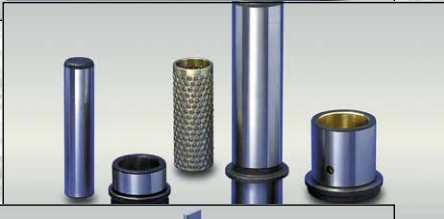


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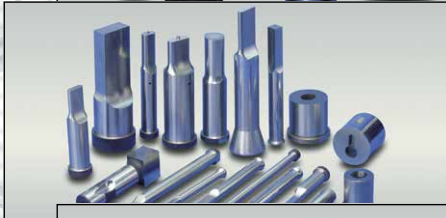
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in Standard- und Sonder-
Abmessungen ab 125 x 125 mm
bis 3.000 x 6.000 mm

[diesets]
in standard and custom sizes
between 125 x 125 mm up to
3.000 x 6.000 mm



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in den verschiedensten
Ausführungen

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available in various designs



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used applications



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eines der Weltmarktführer

[hysonNitrogenSystems]
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world market leaders

Märkische Stanz-Partner Normalien GmbH
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e-mail: mail@maerkische-stanz-partner.de • www.maerkische-stanz-partner.de

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