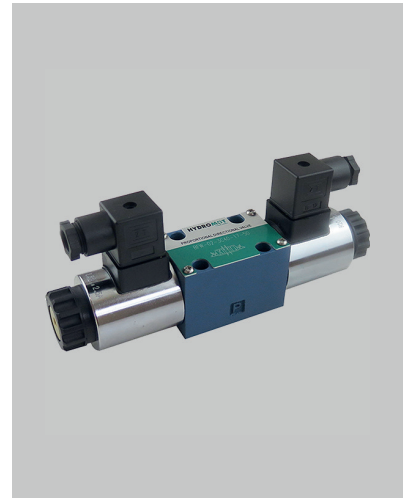


Proportional Magnetventil BFW

- Erhältlich in CETOP 3 und CETOP 5
- Durchflussmenge CETOP 3: 8, 13 oder 17 l/min
- Durchflussmenge CETOP 5: 18, 27 oder 50 l/min
- Inkl. Befestigungsschrauben und Ventilstecker
- Grundplatten zu den Ventilen erhältlich

Proportional Solenoid Valve BFW

- Available in CETOP 3 and CETOP 5
- Nominal flow CETOP 3: 8, 13 or 17 lpm
- Nominal flow CETOP 5: 18, 27 or 50 lpm
- Incl. fixing screws and valve connector
- Subplates for the solenoid valves available



Technische Daten | Technical Data

Nenngröße Nominal size		CETOP 3 (NG6)	CETOP 3 (NG10)
Max. Druck Max. pressure	[bar]	315	
Rücklaufdruck Return pressure	[bar]	< 16	
Max. Durchflussmenge Max. flow	[lpm]	17	50
Hysterese Hysteresis	[%]	6	
Wiederholgenauigkeit Repeatability	[%]	< 3	
-3dB Frequenzantwort -3dB frequency response	[Hz]	5	3
Stromaufnahme Rated current	[mA]	800	1500
Filterfeinheit Filtration accuracy	[µm]	≤ 20	
Hydraulik Medium Hydraulic fluid		Mineralöl, Phosphat-Ester Mineral oil, phosphate-ester	
Viskosität Viscosity	[mm²/s]	2,8 ... 100	
Öltemperatur Fluid temperature	[°C]	-20 ... 70	
Widerstand Coil resistance	[Ω]	19,5	
Gewicht Weight	[kg]	2 Positionen 2 Positions	2,6
		3 Positionen 3 Positions	4,5

Bestellinformation | Order Information

BFW	1	2	3	4
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Pos. 1	Nenngröße Nominal size
02	Cetop 3 (NG6)
03	Cetop 5 (NG10)

Pos. 2	Schaltzeichen Symbol
	Siehe unten See below

Pos. 3	Durchflussmenge* Nominal flow*
8	8 l/min (Cetop 3) 8 lpm (Cetop 3)
13	13 l/min (Cetop 3) 13 lpm (Cetop 3)
17	17 l/min (Cetop 3) 17 lpm (Cetop 3)
18	18 l/min (Cetop 5) 18 lpm (Cetop 5)
27	27 l/min (Cetop 5) 27 lpm (Cetop 5)
50	50 l/min (Cetop 5) 50 lpm (Cetop 5)

Pos. 4	Seriennummer Serial number
50	Design Code Design code

* Bei 10 bar Druckverlust

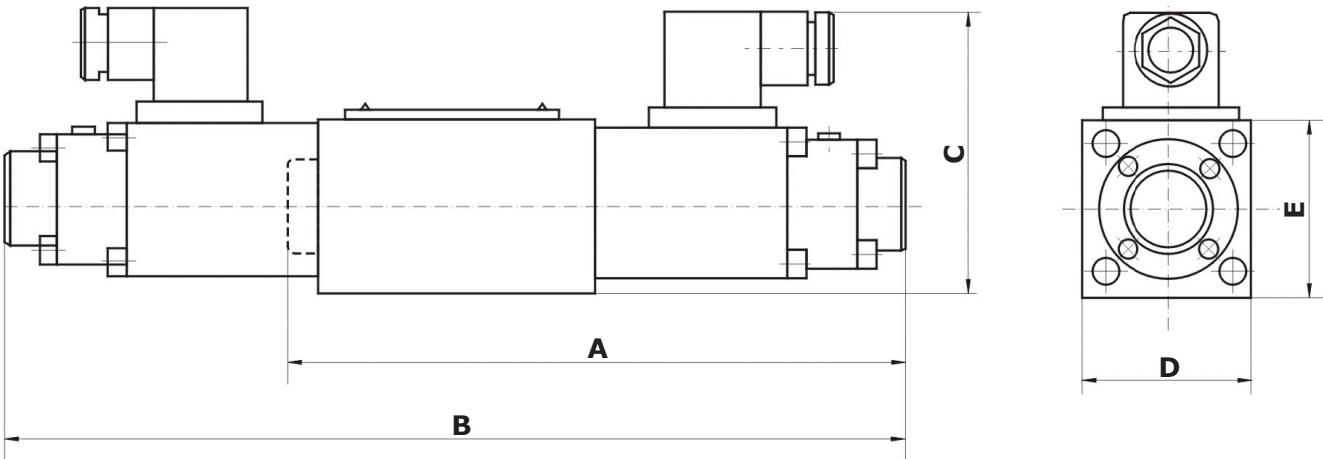
* Based on pressure drop 10 bar

Schaltzeichen | Symbol

Typ Type		Typ Type	
3C2		2B2B	
3C40		2B40B	

Abmessungen | Dimensions

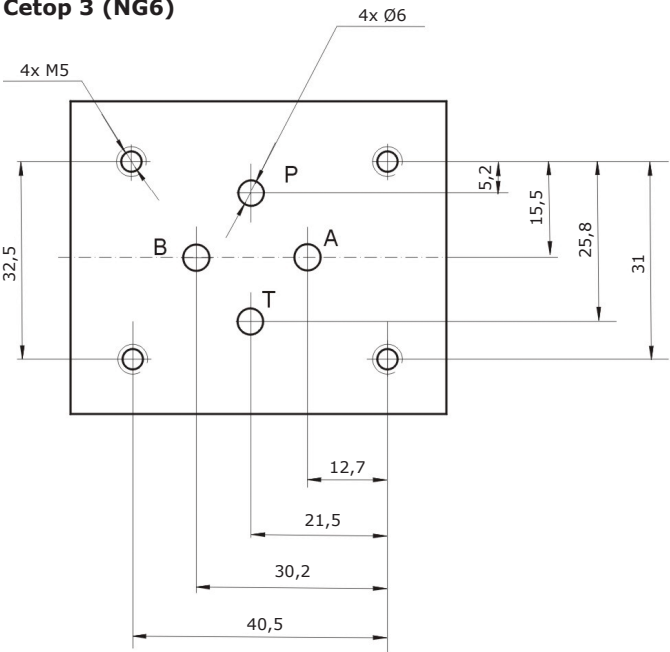
Ventil | Valve



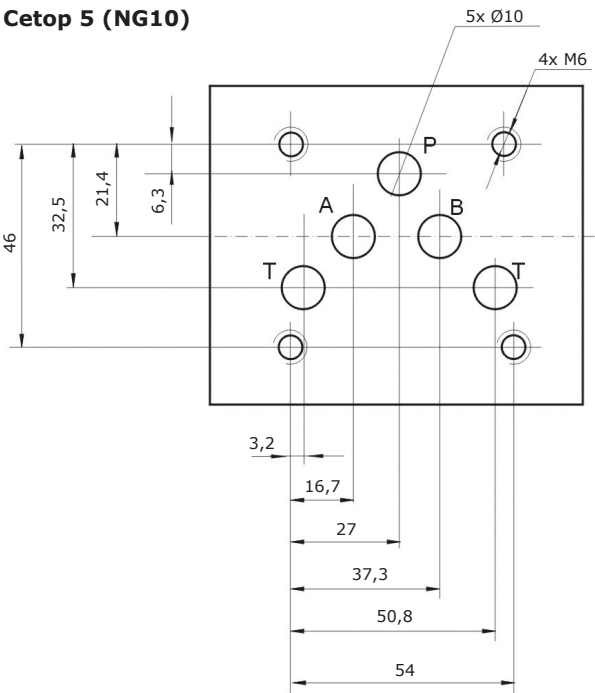
Nenngröße Nominal size	A	B	C	D	E
Cetop 3 (NG6)	171	250	78	47	47
Cetop 5 (NG10)	205	285	100	70	68

Grundplatte | Subplate

Cetop 3 (NG6)

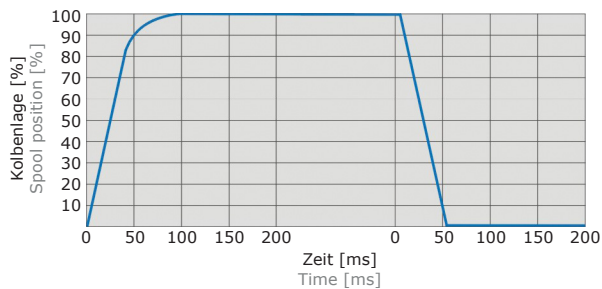
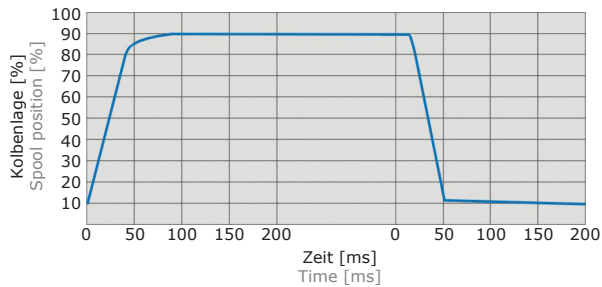
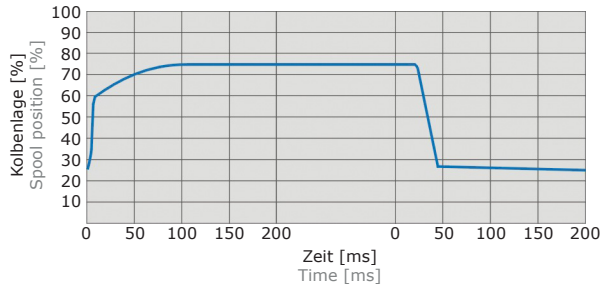


Cetop 5 (NG10)

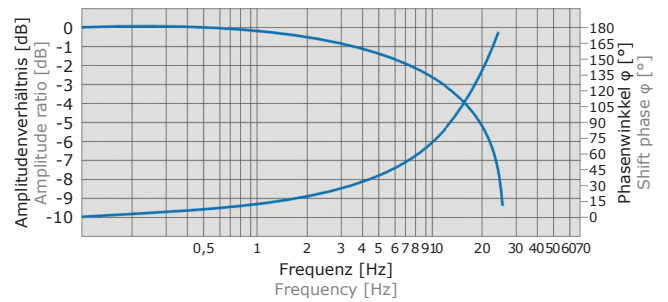


Kennlinien Cetop 3 (NG6) | Characteristic curves Cetop 3 (NG6)

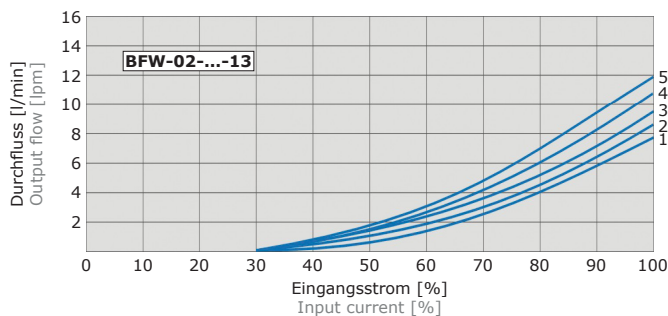
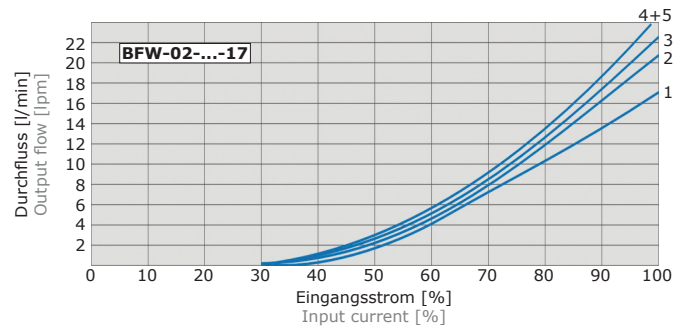
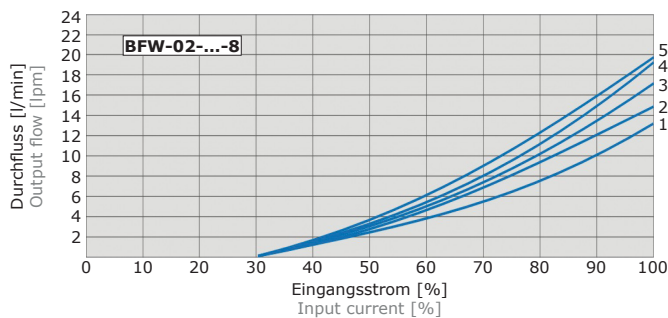
Übergangscharakteristik | Transient characteristic



Typischer Frequenzgang | Frequency Response



Grenzleistung | Limit power P->A/B->T / P->B/A->T



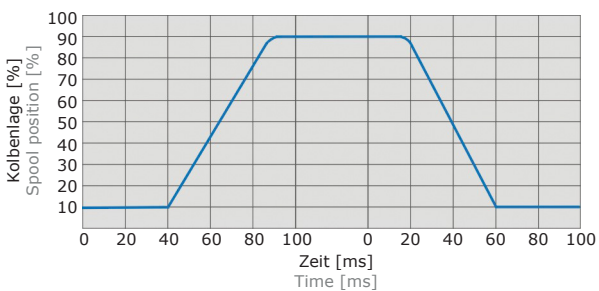
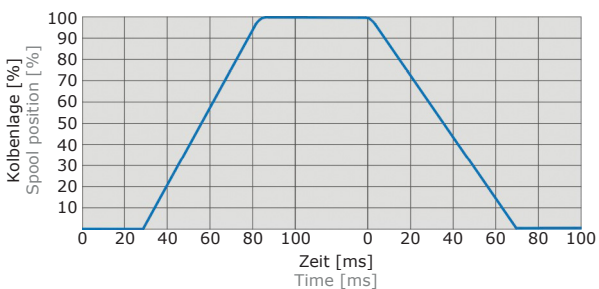
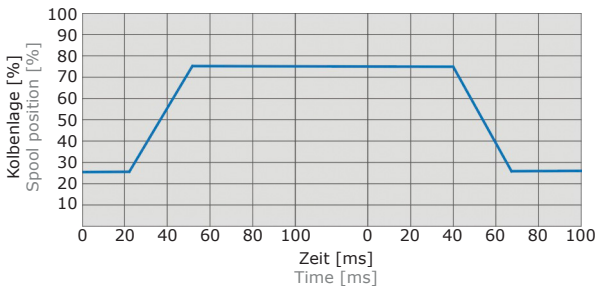
Durchflussmenge bei Differentialdruck (Eingangsdruck minus Nenn-
druck und Rücklaufdruck)
Nominal flow at differential pressure (input pressure minus load pres-
sure and feedback pressure)

- 1 = 10 bar Konstant Constant
- 2 = 20 bar Konstant Constant
- 3 = 30 bar Konstant Constant
- 4 = 50 bar Konstant Constant
- 5 = 100 bar Konstant Constant

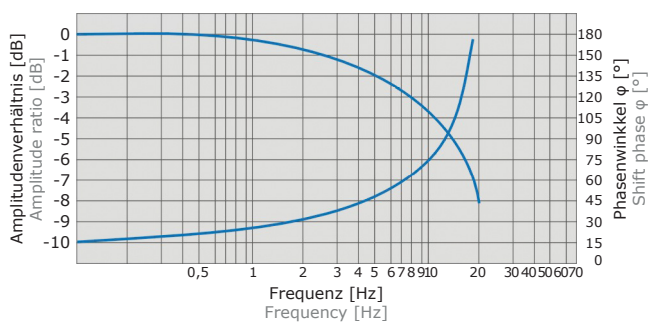
Alle Kennlinien gemessen mit HLP46 bei 50 °C
All characteristic curves measured with HLP46 at 50 °C

Kennlinien Cetop 5 (NG10) | Characteristic curves Cetop 5 (NG10)

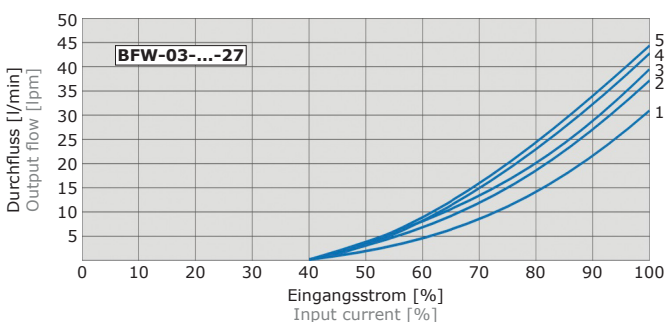
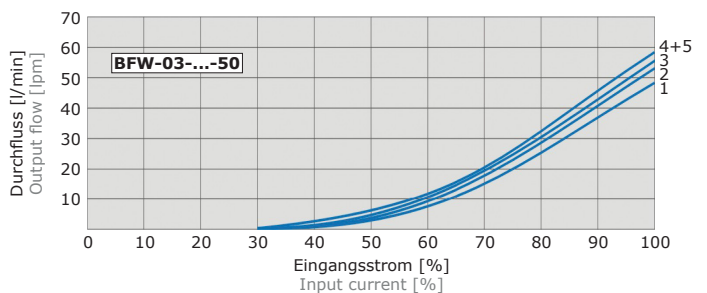
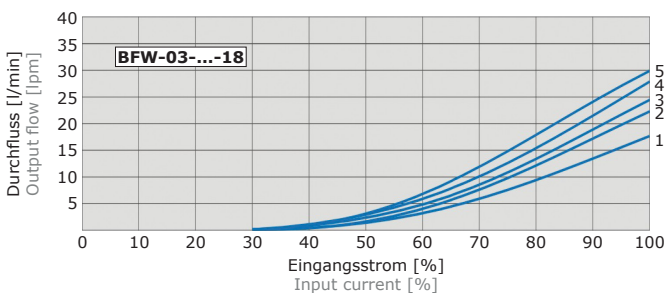
Übergangscharakteristik | Transient characteristic



Typischer Frequenzgang | Frequency Response



Grenzleistung | Limit power P→A/B→T / P→B/A→T



Durchflussmenge bei Differentialdruck (Eingangsdruck minus Nenn-
druck und Rücklaufdruck)
Nominal flow at differential pressure (input pressure minus load pres-
sure and feedback pressure)

- 1 = 10 bar Konstant Constant
- 2 = 20 bar Konstant Constant
- 3 = 30 bar Konstant Constant
- 4 = 50 bar Konstant Constant
- 5 = 100 bar Konstant Constant

Alle Kennlinien gemessen mit HLP46 bei 50 °C
All characteristic curves measured with HLP46 at 50 °C