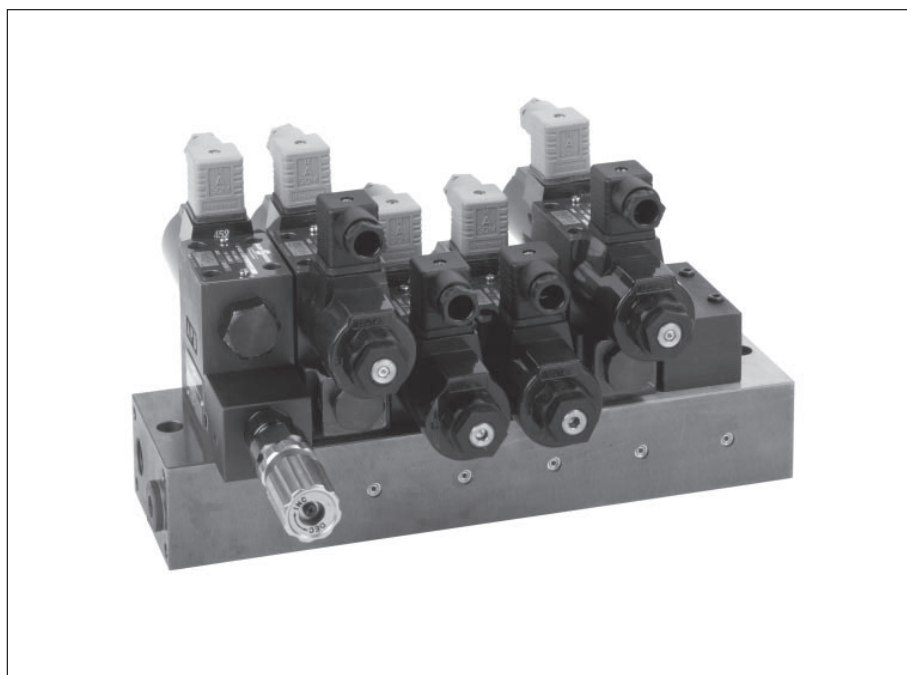


Zwischenplattenventile, NG 6 / NG 10

Multi-Stack Valves, Size 3 / Size 5

Valvole modulari, grandezza 3 / grandezza 5



SAUER BIBUS

Zwischenplattenventil, NG 6

Multi-stack valve, size 3

Valvola modulare, grandezza 3

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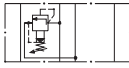
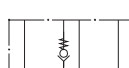
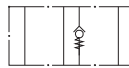
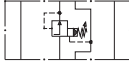
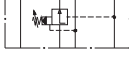
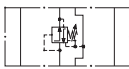
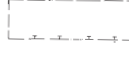
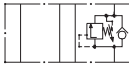
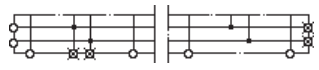
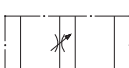
Sinnbild Symbol Simbolo	Baureihe Series Grandezza	Seite Page Pagina	Sinnbild Symbol Simbolo	Baureihe Series Grandezza	Seite Page Pagina	Sinnbild Symbol Simbolo	Baureihe Series Grandezza	Seite Page Pagina	
Druckbegrenzungsventil Pressure relief valve Valvola di massima pressione			Drosselventil Throttle valve Strozzatore			Rückschlagventil, hydraulisch entsperbar Pilot operated check valve Ritegno pilotato			
	J - MR - 02P - * - 60	5		J - MT - 02P - 60	17		J - MC - 02W - 50	25	
	J - MR - 02A - * - 60			J - MT - 02T - 60			J - MC - 02AB - * - 50		
	J - MR - 02B - * - 60		Drosselventil mit Umgehungs-Rückschlagventil Throttle valve with free flow return check valve Strozzatore con ritegno direzionale			Rückschlagventil, hydr. entsperbar, mit Vorentlastung Pilot operated check valve with decompression Ritegno pilotato con decompressione			
Schockventil, direkt gesteuert Direct operating crossover relief valve Valvola di max. diretta doppia incrociata				J - MT - 02AI - 60	19		J - MP - 02A - * - 60	27	
	J - MB - 02W - * - 60	7		J - MT - 02BI - 60			J - MP - 02B - * - 60		
		7		J - MT - 02WI - 60			J - MP - 02W - * - 60		
				J - MB - 02W - * - 60					
Druckregelventil, direkt gesteuert Direct pressure control valve valvola regolatrice di pressione ad azione diretta				J - MT - 02A - 60			J - MPD - 02A - * - 50	29	
	J - MG - 02P - * - 60	9		J - MT - 02B - 60			J - MPD - 02B - * - 50		
	J - MG - 02A - * - 60			J - MPD - 02W - * - 50					
	J - MG - 02B - * - 60		Drosselventil mit Rückschlagventil Throttle valve with check valve Strozzatore con valvola di non ritorno			Zusatzplatten Subplates Piastrine aggiuntive			
Druckregelventil, vorgesteuert Pilot pressure control valve Valvola regolatrice di pressione pilotata				J - MTC - 02P - 50	21		J - BD - 02PA - 60	31	
	J - MGB - 02P - 03- 50	11	Rückschlagventil Check valve Valvola di non ritorno				J - BD - 02PT - 60		
			J - MGB - 02B - 03- 50		J - MC - 02A - * - 60		J - BE - 02 - 60		
			J - MGB - 02B - 03- 50		J - MC - 02B - * - 60		J - BF - 02 - 60		
Druckfolgeventil, direkt gesteuert Direct operating sequence valve Valvola di sequenza a pilotaggio diretto				J - MC - 02P - * - 60	23		J - BH - 02 - 60		31
	J - MQ - 02P - ** - 50	13		J - MC - 02T - * - 60			J - BG - 02AB - 60		
		J - MQ - 02P - ** - 50		J - BG - 02PT - 60					
Vorspannventil mit Umgehungs-Rückschlagventil Counter balance valve with free flow return check valve Valvola di bilanciamento con ritegno			Rückschlagventil Check valve Valvola di non ritorno			Sammelanschlußplatten Manifold plates Piastrine multiple			
	J - MQC - 02A - 2- 60	15		J - MC - 02PA - * - 60	25		J - BT - 02 - 60	32	
	J - MQC - 02B - 2- 60			J - MC - 02PB - * - 60		Zubehör Accessories Accessori			
						Befestigungsschrauben Fixing bolts Viti di fissaggio			
						33			

Zwischenplattenventil, NG 10

Multi-stack valve, size 5

Valvola modulare, grandezza 5

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Sinnbild Symbol Simbolo	Baureihe Series Grandezza	Seite Page Pagina	Sinnbild Symbol Simbolo	Baureihe Series Grandezza	Seite Page Pagina	
Druckbegrenzungsventil, vorgesteuert Pilot operating pressure relief valve Valvola di massima pressione pilotata			Rückschlagventil Check valve Ritegno			
	J - MR - 03P - * - 40	34		J - MC - 03P - *5 - 40	46	
Druckregelventil, vorgesteuert Pilot pressure control valve Valvola regolatrice di pressione pilotata				J - MC - 03T - *5 - 40		
	J - MG - 03P - * - 40	36	Rückschlagventil, hydr. entsperrbar, mit Vorentlastung Pilot operated check valve with decompression Valvola di non ritorno sbloccabile idraulic. con decompress.			
	J - MG - 03B - * - 40			J - MP - 03A - *0 - 40	48	
Druckfolgeventil, direkt gesteuert Direct operating sequence valve valvola di sequenza ad azione diretta				J - MP - 03B - *0 - 40		
	J - MQ - 03P - 2A - 40	38		J - MP - 03W - *0 - 40		
	J - MQ - 03P - 2C - 40		Zusatzplatten Subplates Piastrre aggiuntire			
	J - MQ - 03P - 2E - 40			J - BE - 03 - 40	50	
Vorspannventil mit Umgehungs-Rückschlagventil Counter balance valve with free flow return check valve Valvola di bilanciamento con ritegno				J - BS - 03 - 40		
	J - MQ - 03B - 1A - 40	40	Reihenanschlußplatten Manifold plates Piastrre multiple			
	J - MQ - 03B - 1C - 40			J - BT - *03 - 40	51	
	J - MQ - 03B - 1E - 40		Zubehör Accessories Accessori			
Drosselventil Throttle valve Strozzatore			Befestigungsschrauben Fixing bolts Viti di fissaggio			52
	J - MT - 03P - 40	42	Gewindebolzen Stud bolts Bulloni			
Drosselventil mit Umgehungs-Rückschlagventil Throttle valve with free flow return check valve Strozzatore con ritegno direzionale						
	J - MT - 03W - 40	44				
	J - MT - 03WI - 40					

Zwischenplattenventil, NG 6 und 10

Multi-stack valve, size 3 and 5

Valvola modulare, grandezze 3 e 5

Kenngrößen · Operating data · Dati caratteristici

Allgemeine Kenngrößen · General operating data · Dati caratteristici generali		
Befestigungsart Type of attachment Fissaggio	-	Anschlußlochbild nach DIN 24340 Form A, ISO 4401 und CETOP R 35 H Connection bore diagram acc. to DIN 24340 form A, ISO 4401 and CETOP R 35 H Disposizione dei fori di attacco secondo DIN 24340 foglio A, ISO 4401 e CETOP R 35 H
Anschlußgröße Size Dimensione di attacco	-	NG 6 und 10 CETOP 3 and 5
Einbaulage Mounting position Posizione di montaggio	-	beliebig any qualsiasi
Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione	bar	siehe Ventilbeschreibung see valve description vedi descrizione valvola
Gewicht Weight Peso	kg	siehe Ventilbeschreibung see valve description vedi descrizione valvola
Hydraulische Kenngrößen · Hydraulic operating data · Dati caratteristici idraulici		
Max. Betriebsdruck Max. operating pressure Press. di funzionamento	bar	siehe Ventilbeschreibung see valve description vedi descrizione valvola
Max. Rücklaufdruck (Anschluß T) Max. return line pressure (port T) Max. contropressione (Attacco T)	bar	Empfehlung Recommendation Raccomandati } ≤ 5
Druckflüssigkeit und Viskositätsbereich Hydraulic fluid and viscosity range Fluido idraulico e campo di viscosità	-	auf Mineralölbasis nach DIN 51524 und DIN 51525 empfohlene Viskositätsklassen ISO VG 32, 46, 68 Viskositätsbereich 15 ... 400 mm²/s on mineral oil base DIN 51524 and DIN 51525 recommended viscosity classes ISO VG 32, 46, 68 viscosity range 15 ... 400 mm²/s olii a base minerale secondo DIN 51524 e DIN 51525 gamma di viscosità consigliata ISO VG 32, 46, 68 campo di viscosità 15 ... 400 mm²/s
Druckmitteltemperatur Hydraulic fluid temperature Gamma di temperatura del fluido idr.	C°	- 15 ... +70
Reinheitsgrad der Druckflüssigkeit Fluid cleanliness Grado di pulizia del fluido	-	18/15 nach ISO 4406 oder 9 nach NAS 1638 und besser, insbesondere bei hohen Belastungen und Lebensdauieranforderungen 18/15 to ISO 4406 or 9 to NAS 1638 or better, especially at high loads and high life expectancy requirements 18/15 secondo ISO 4406 oppure 9 secondo NAS 1638 o migliori in particolare con carichi gravosi o se viene richiesta una durata elevata
Max. Durchfluß Max. flow rate Portata max.	L/min	siehe Ventilbeschreibung see valve description vedi descrizione valvola
Empfohlene Filterfeinheit Filtration requirements Grado di filtraggio	µm	≤ 25 absolut / absolute / assoluti

Tabelle / Table / Tabella 1

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MR
Series J-MR
Serie J-MR

Druckbegrenzungsventil · Pressure relief valve · Valvola limitatrice di pressione

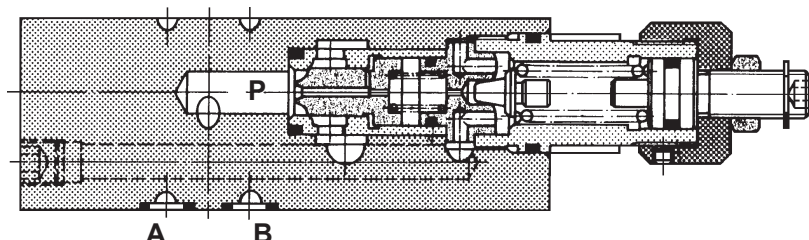
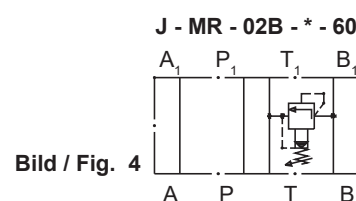
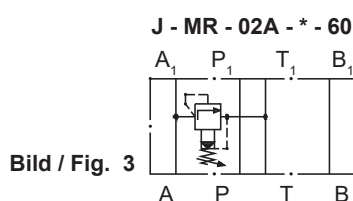
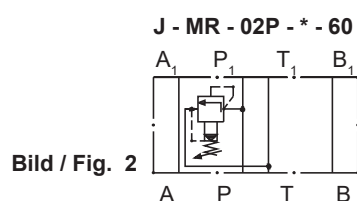


Bild / Fig. 1

Sinnbilder · Symbols · Simbolo



Kenngößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	1,5 kg 1,7 kg mit Handrad with handwheel con volantino
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar		
Max. Durchfluß Max. flow rate Portata max.	40 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M R - 0 2 * - * - 6 0 - T							
Baureihe Series = J-MR Serie				Verstellung mit Werkzeug = ohne Angabe mit Handrad = T Adjustment with tool = without instruction with handwheel = T Registrazione con utensile = senza specifica con volantino = T			
Baugröße NG 6 = 02 Size CETOP 3 Grandezza						Ausführungskennzeichen = 60 (Stand bei Druck) Design no. N° del tipo	
Druckbegrenzung Pressure relief Limitazione di pressione P -> T = P A -> T = A B -> T = B						Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione 70 bar = 1 35 bar - 160 bar = 2 35 bar - 250 bar = 3 70 bar - 350 bar = 4	

Zwischenplattenventil, NG 6 Multi-stack valve, size 3 Valvola modulare, grandezza 3

Baureihe J-MR
Series J-MR
Serie J-MR

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

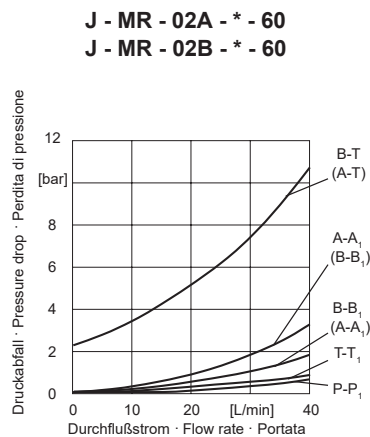


Bild / Fig. 5

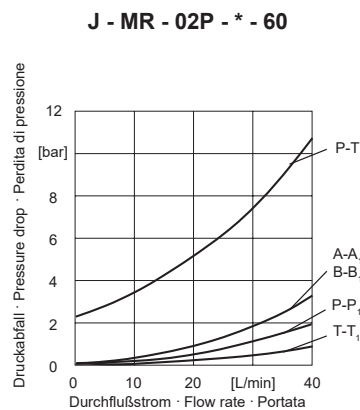


Bild / Fig. 6

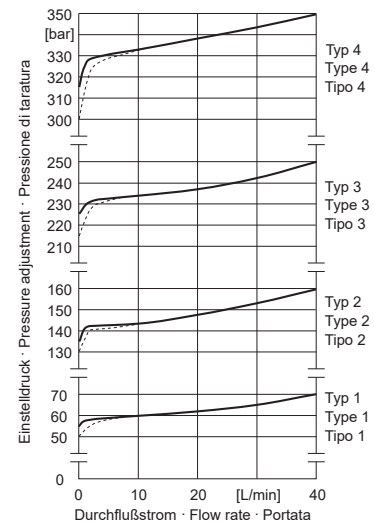


Bild / Fig. 7

— Öffnungsdruck
Cracking pressure
Press. d'apertura

- - - Schließdruck
Reset pressure
Press. di chiusura

Geräteabmessungen · Installation dimensions · Dimensioni

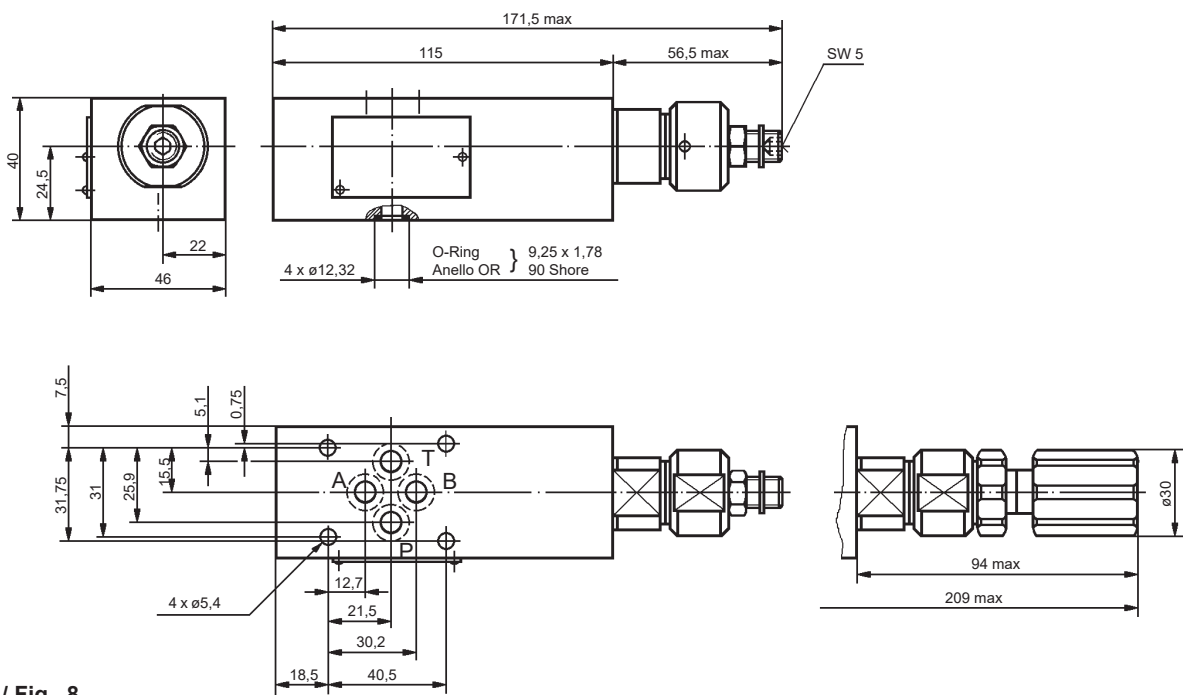


Bild / Fig. 8

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MB
Series J-MB
Serie J-MB

Schockventil, direkt gesteuert · Direct operating crossover relief valve ·
Valvola di max. diretta doppia incrociata

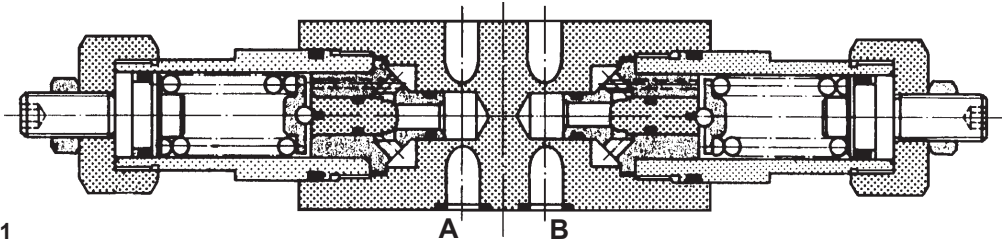


Bild / Fig. 1

Sinnbild · Symbol · Simbolo

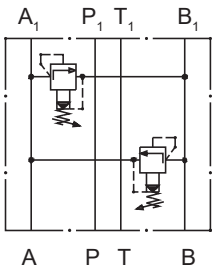


Bild / Fig. 2

Kenngößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	1,5 kg
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar		
Max. Durchfluß Max. flow rate Portata max.	20 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M B - 0 2 W - * - 6 0	
Baureihe Series Serie = J-MB	Ausführungskennzeichen = 60 (Stand bei Druck) Design no. N° del tipo
Baugröße NG 6 = 02 Size CETOP 3 Grandezza	Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione 8 bar - 70 bar = 1 35 bar - 210 bar = 3
Druckbegrenzung Pressure relief Limitazione di pressione A -> B = W B -> A	

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MB
Series J-MB
Serie J-MB

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

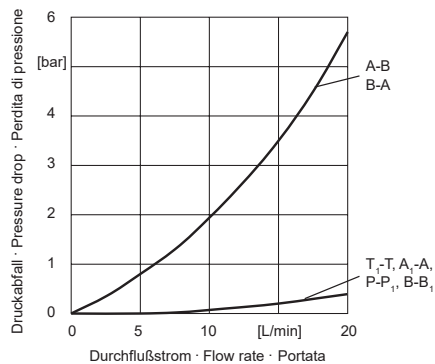


Bild / Fig. 3

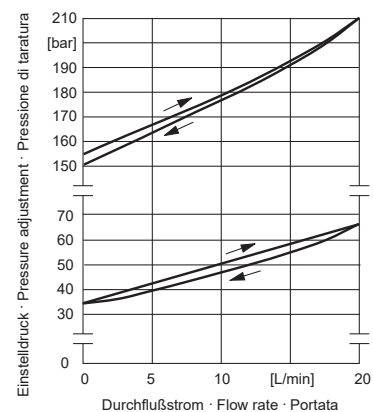


Bild / Fig. 4

Geräteabmessungen · Installation dimensions · Dimensioni

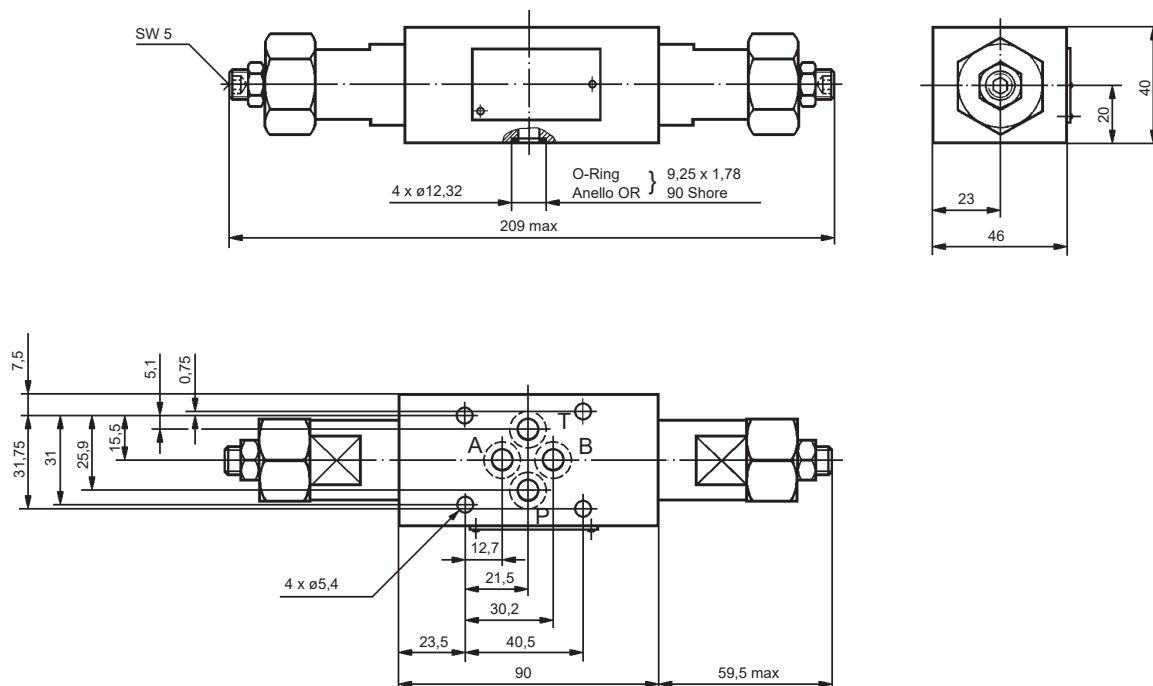


Bild / Fig. 5

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MG
Series J-MG
Serie J-MG

Druckregelventil, direkt gesteuert · Direct pressure control valve
Valvola regolatrice di pressione ad azione diretta

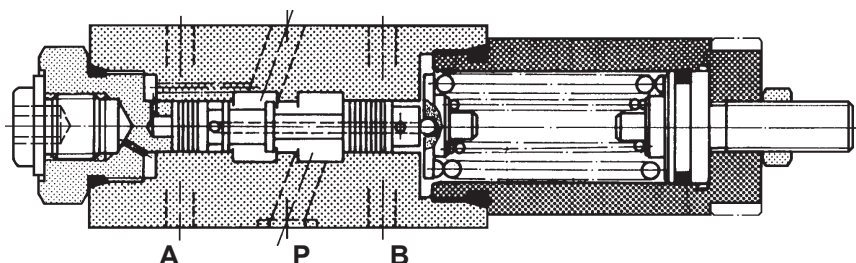


Bild / Fig. 1

Sinnbild · Symbol · Simbolo

J - MG - 02P - * - 60

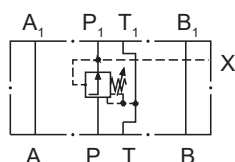


Bild / Fig. 2

J - MG - 02A - * - 60

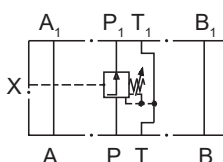


Bild / Fig. 3

J - MG - 02B - * - 60

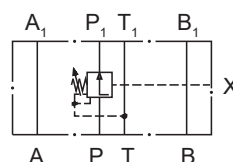


Bild / Fig. 4

Kenngößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	1,3 kg 1,5 kg mit Handrad with handwheel con volantino
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar	Um eine gute Druckminderung zu erzielen, sollte die Differenz zwischen Primär- und Sekundärdruck größer als 10 bar sein. To get good reducing effects, pressure difference between primary and secondary pressure should be maintained higher than 10 bar. Per ottenere una buona regolazione, la differenza tra la pressione primaria e quella secondaria dovrebbe essere di almeno 10 bar.	
Max. Durchfluß Max. flow rate Portata max.	40 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M G - 0 2 * - * - 6 0 - T			
Baureihe Series = J-MG Serie		Verstellung mit Werkzeug = ohne Angabe mit Handrad = T Adjustment with tool = without instruction with handwheel = T Registrazione con utensile = senza specifica con volantino = T	
Baugröße NG 6 = 02 Size CETOP 3 Grandezza		Ausführungskennzeichen = 60 (Stand bei Druck) Design no. N° del tipo	
Druckminderung Pressure reducing Riduzione pressione in P = P in A = A in B = B		Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione 3 bar - 35 bar = 03 7 bar - 70 bar = 1 35 bar - 160 bar = 2 35 bar - 250 bar = 3*	

* Sonderausführung · Special Type ·
 Costruzione speciale

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MG
Series J-MG
Serie J-MG

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

Primärdruck · Primary pressure · Portata di trafilamento esterno

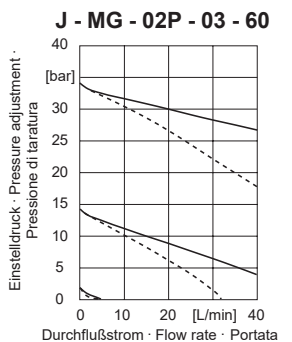


Bild / Fig. 5 — 70 bar
- - - 250 bar

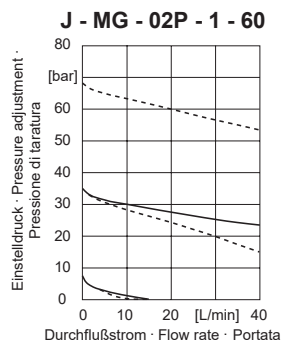


Bild / Fig. 6 — 70 bar
- - - 250 bar

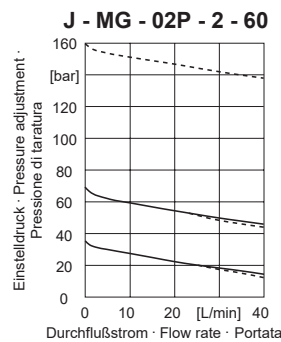


Bild / Fig. 7 — 160 bar
- - - 250 bar

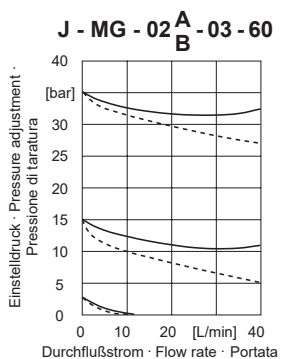


Bild / Fig. 8 — 70 bar
- - - 250 bar

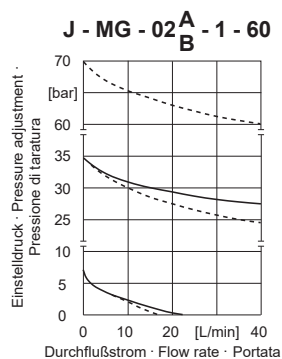


Bild / Fig. 9 — 70 bar
- - - 250 bar

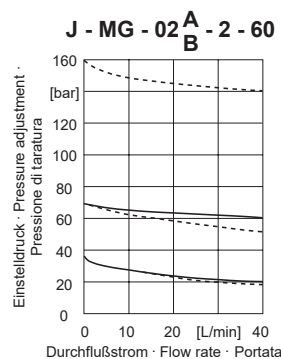


Bild / Fig. 10 — 160 bar
- - - 250 bar

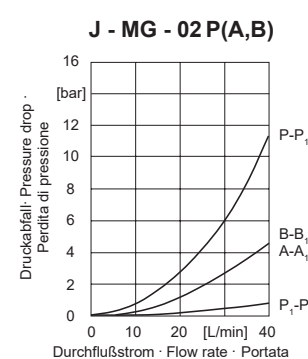


Bild / Fig. 11

Geräteabmessungen · Installation dimensions · Dimensioni

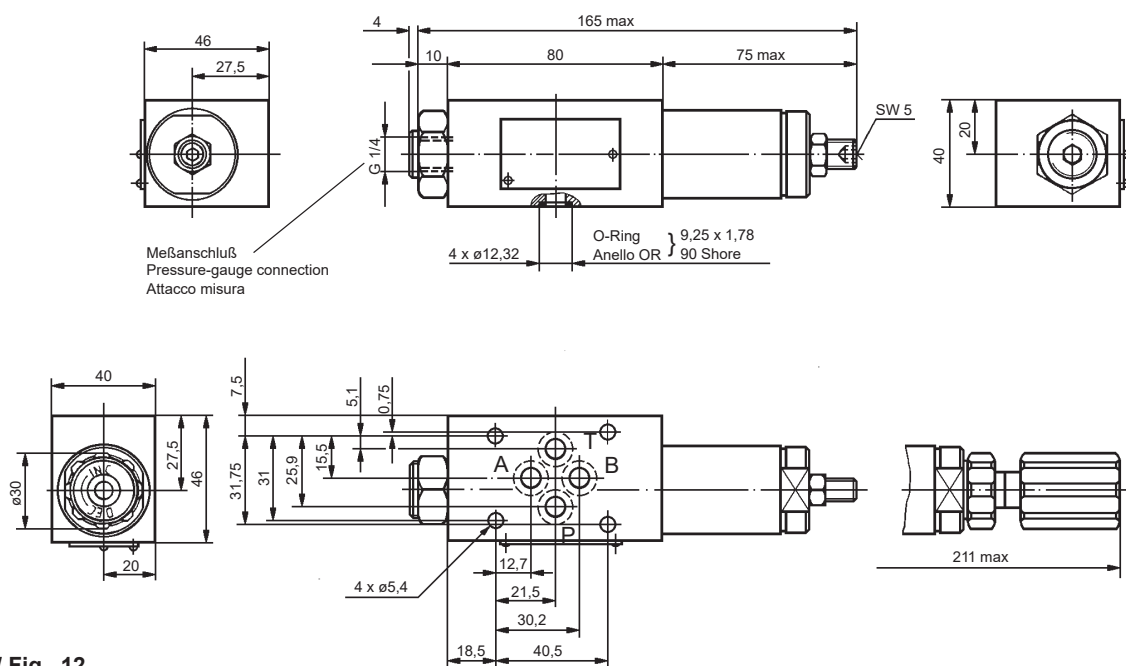


Bild / Fig. 12

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MGB
Series J-MGB
Serie J-MGB

Druckregelventil, vorgesteuert · Pilot pressure control valve ·
Valvola regolatrice di pressione pilotato

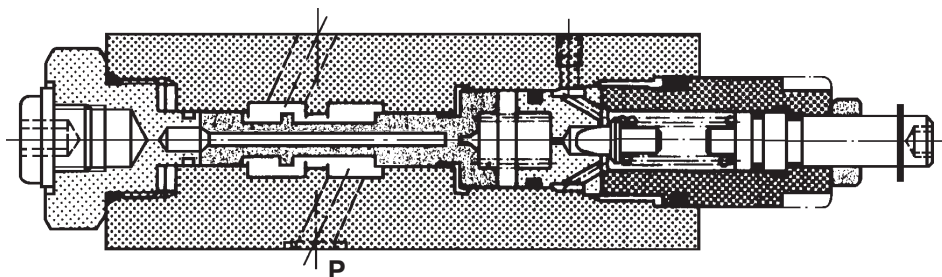


Bild / Fig. 1

Sinnbild · Symbol · Simbolo

J - MGB - 02P - 03 - 50

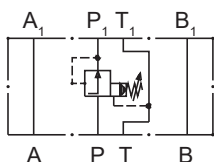


Bild / Fig. 2

J - MGB - 02B - 03 - 50

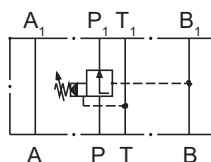


Bild / Fig. 3

Kenngrößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	1,3 kg 1,5 kg mit Handrad with handwheel con volantino
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	250 bar	Um eine gute Druckminderung zu erzielen, sollte die Differenz zwischen Primär- und Sekundärdruck größer als 4 bar sein. To get good reducing effects, pressure difference between primary and secondary pressure should be maintained higher than 4 bar. Per ottenere una buona regolazione, la differenza tra la pressione primaria e quella secondaria dovrebbe essere di almeno 4 bar.	
Max. Durchfluß Max. flow rate Portata max.	20 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M G B - 0 2 * - 0 3 - 5 0 - T

Baureihe Series Serie	= J-MGB	Verstellung mit Werkzeug mit Handrad Adjustment with tool with handwheel Registrazione con utensile con volantino	= ohne Angabe = T = without instruction = T = senza specifica = T
Baugröße Size Grandezza	NG 6 = 02 CETOP 3	Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo	= 50
Druckminderung Pressure reducing Riduzione pressione	in P = P in B = B	Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione	1,5 bar - 35 bar = 03

Zwischenplattenventil, NG 6 Multi-stack valve, size 3 Valvola modulare, grandezza 3

Baureihe J-MGB
Series J-MGB
Serie J-MGB

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

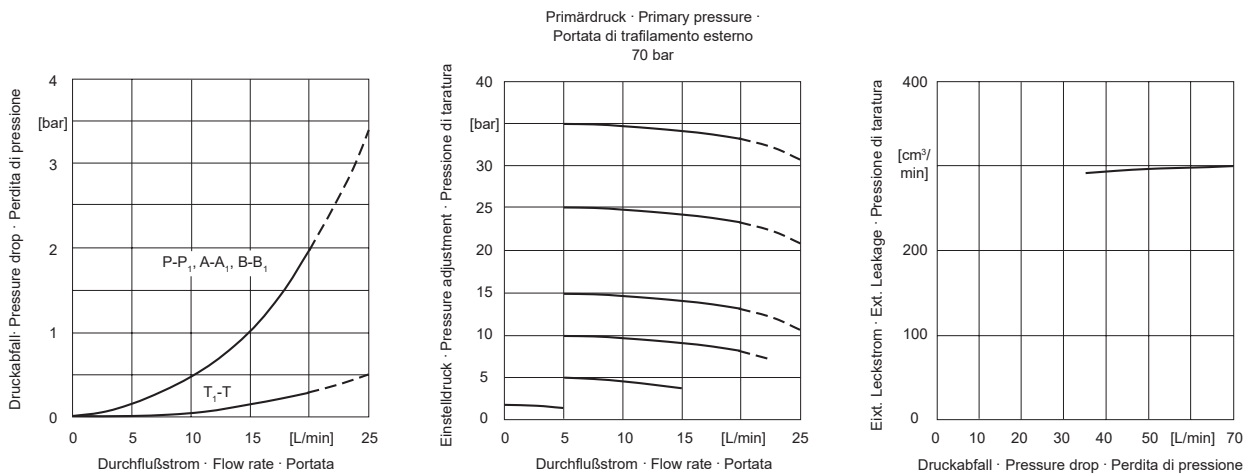


Bild / Fig. 4

Bild / Fig. 5

Bild / Fig. 6

Geräteabmessungen · Installation dimensions · Dimensioni

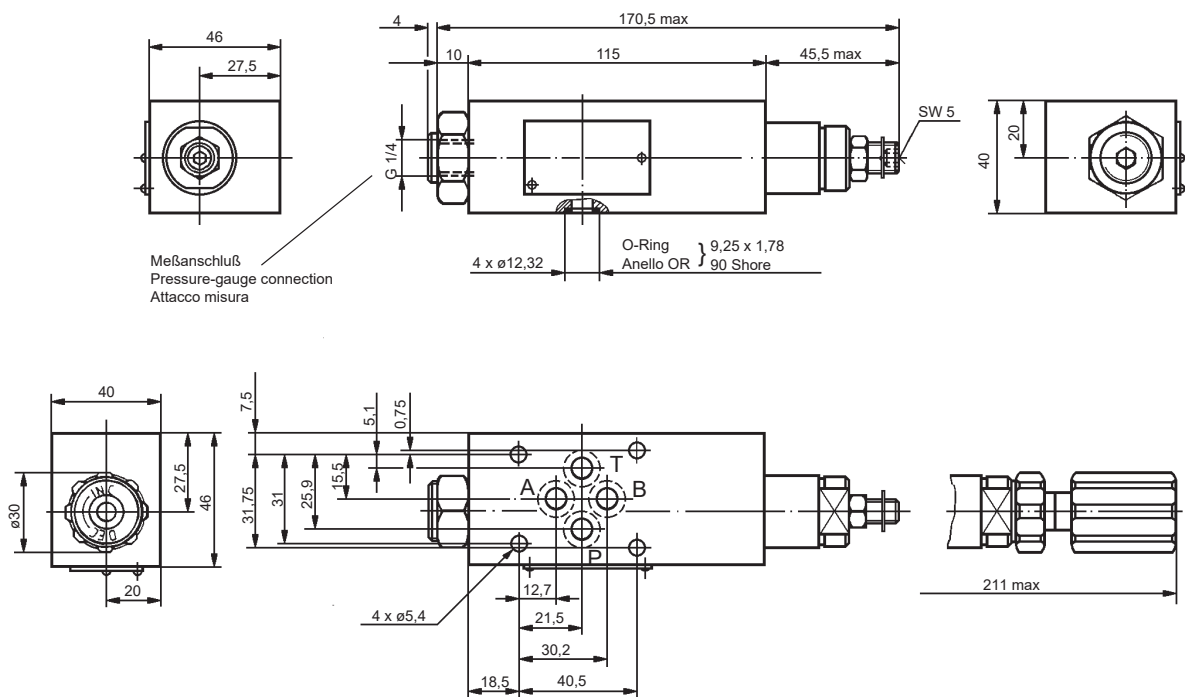


Bild / Fig. 7

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MQ
Series J-MQ
Serie J-MQ

Druckfolgeventil, direkt gesteuert · Direct operating sequence valve ·
Valvola di sequenza a pilotaggio diretto

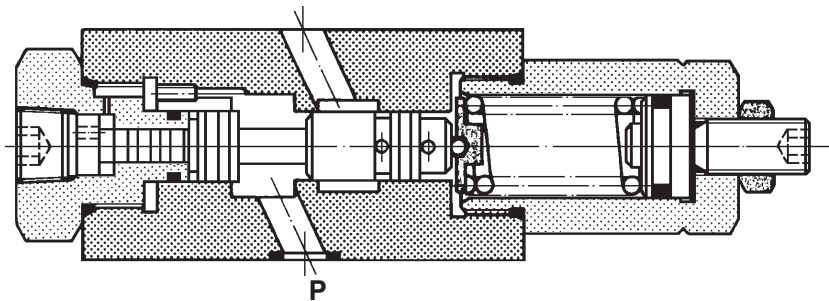


Bild / Fig. 1

Sinnbild · Symbol · Simbolo

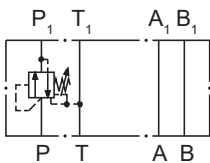


Bild / Fig. 2

Kenngößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	1,1 kg
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	250 bar		
Max. Durchfluß Max. flow rate Portata max.	40 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M Q - 0 2 P - * * - 5 0			
Baureihe Series Serie	= J-MQ	Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo	= 50
Baugröße Size Grandezza	NG 6 = 02 CETOP 3	Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione	8 bar - 70 bar = 21 8 bar - 210 bar = 23
Zuschaltung Sequence Sequenza	in P = P		

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MQ
Series J-MQ
Serie J-MQ

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

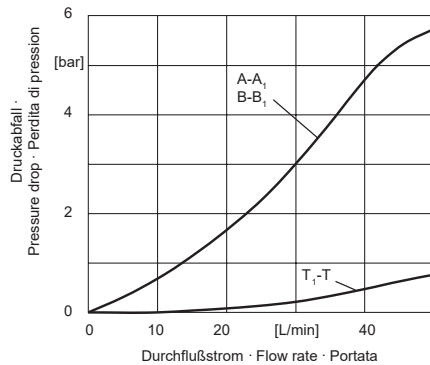


Bild / Fig. 3

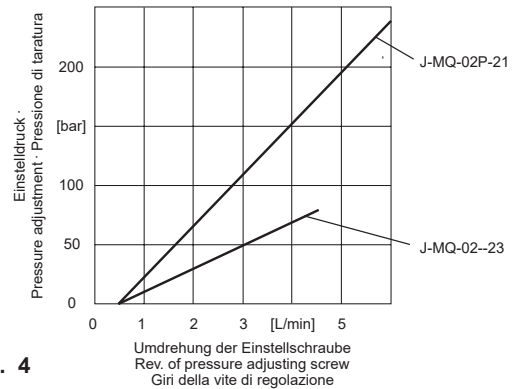


Bild / Fig. 4

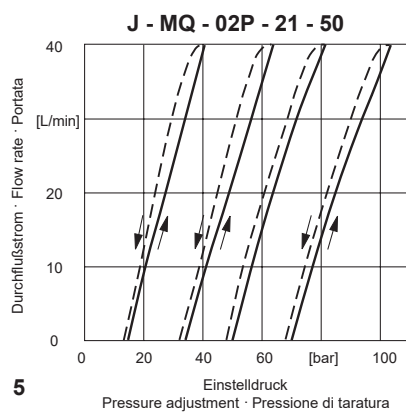


Bild / Fig. 5

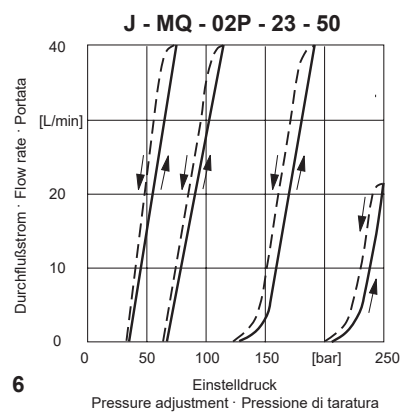


Bild / Fig. 6

Geräteabmessungen · Installation dimensions · Dimensioni

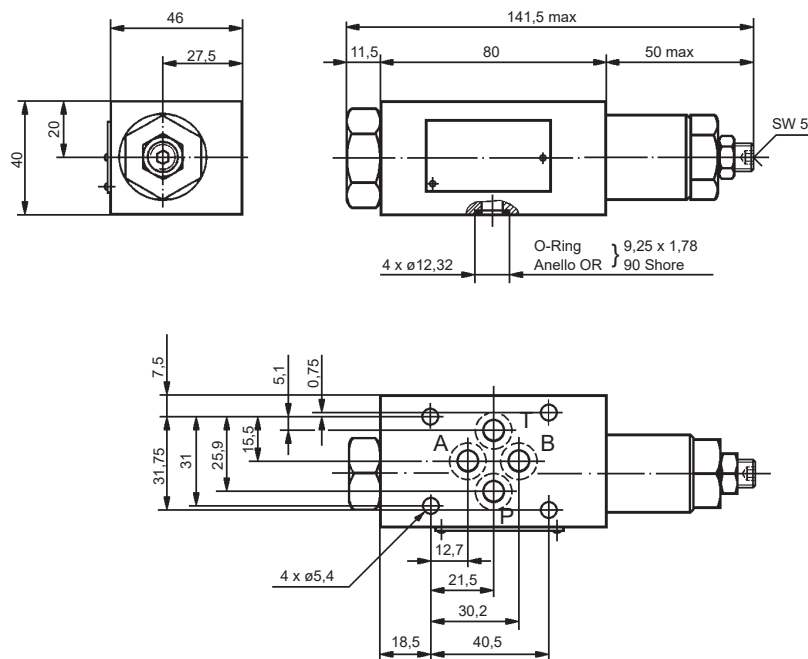


Bild / Fig. 7

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MQC
Series J-MQC
Serie J-MQC

Vorspannventil mit Umgehungs-Rückschlagventil · Counter balance valve with free flow return ·
 Valvola di bilanciamento con ritegno

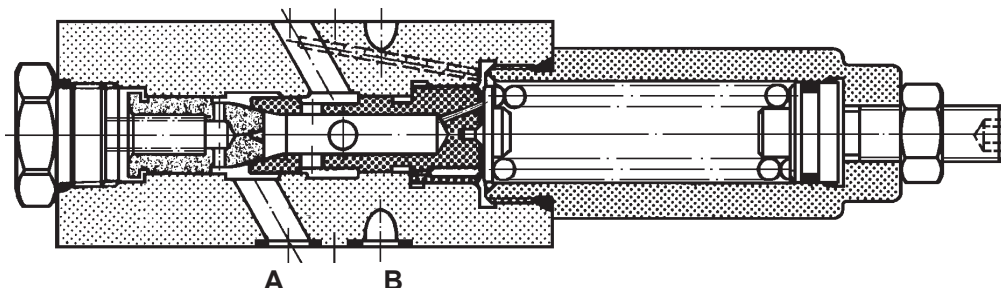


Bild / Fig. 1

Sinnbild · Symbol · Simbolo

J - MQC - 02A - 2 - 60

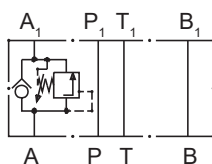


Bild / Fig. 2

J - MQC - 02B - 2 - 60

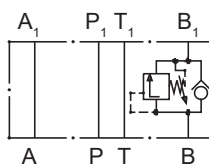


Bild / Fig. 3

Kenngrößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Öffnungsdruck Rückschlagventil Cracking pressure check valve Press. d'apertura valvola di non ritorno	0,5 bar
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar	Gewicht Weight Peso	1,35 kg
Max. Durchfluß Max. flow rate Portata max.	40 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M Q C - 0 2 * - 2 - 6 0									
Baureihe Series Serie	=	J-MQC						Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo	= 60
Baugröße Size Grandezza	NG 6 =	02						Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione	7 bar - 140 bar = 2
Vorspannung Prestressing Pre-serraggio	in A =	A							
	in B =	B							

Zwischenplattenventil, NG 6 Multi-stack valve, size 3 Valvola modulare, grandezza 3

Baureihe J-MQC
Series J-MQC
Serie J-MQC

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

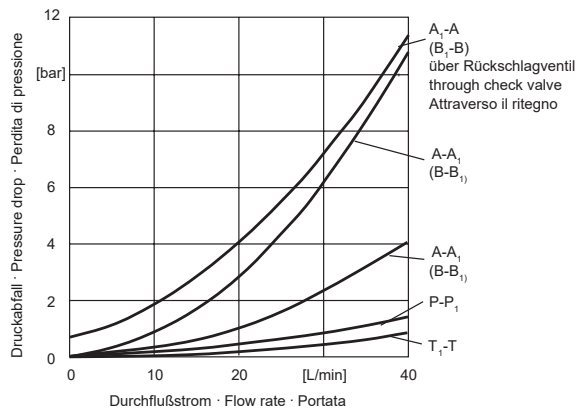


Bild / Fig. 4

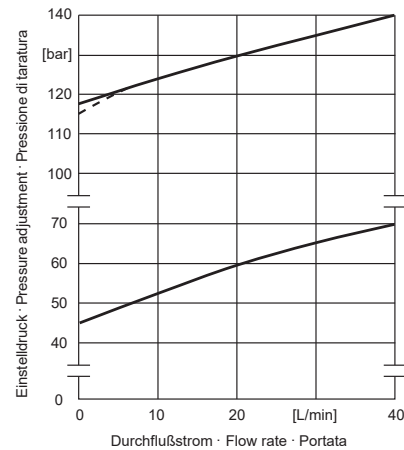


Bild / Fig. 5

Geräteabmessungen · Installation dimensions · Dimensioni

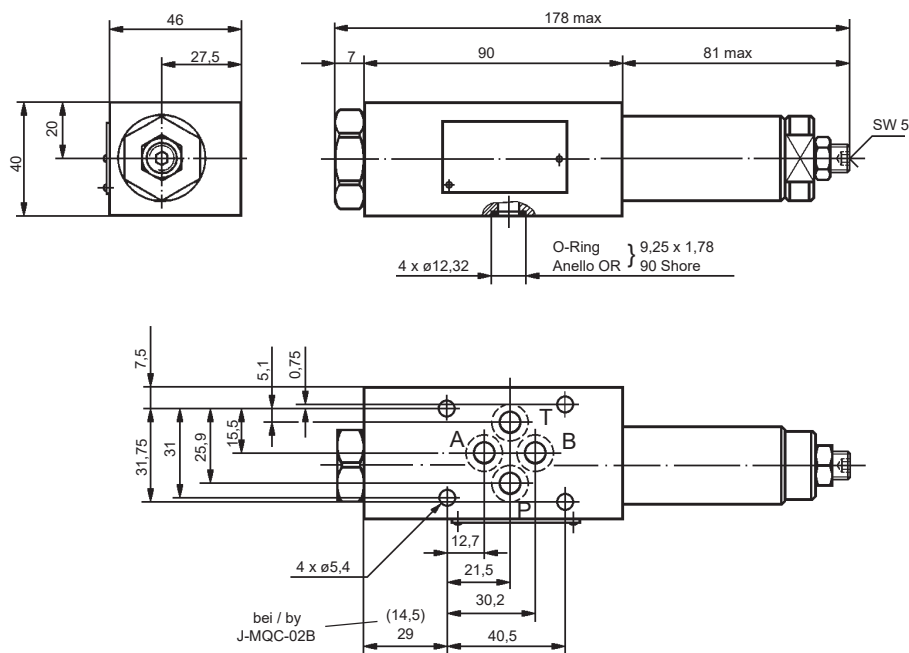


Bild / Fig. 6

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MT
Series J-MT
Serie J-MT

Drosselventil · Throttle valve · Strozzatore

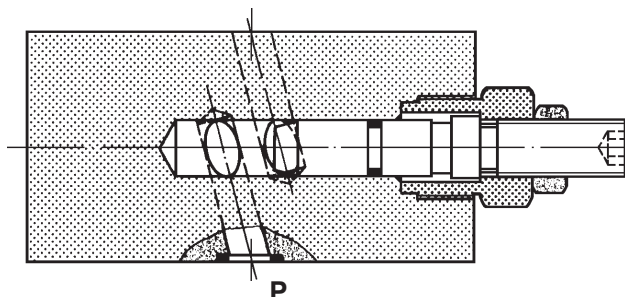


Bild / Fig. 1

Sinnbild · Symbol · Simbolo

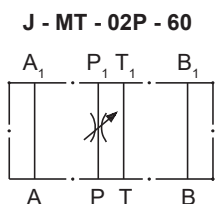


Bild / Fig. 2

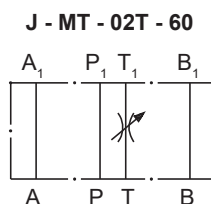


Bild / Fig. 3

Kenngößen · Operating data · Dati caratteristici

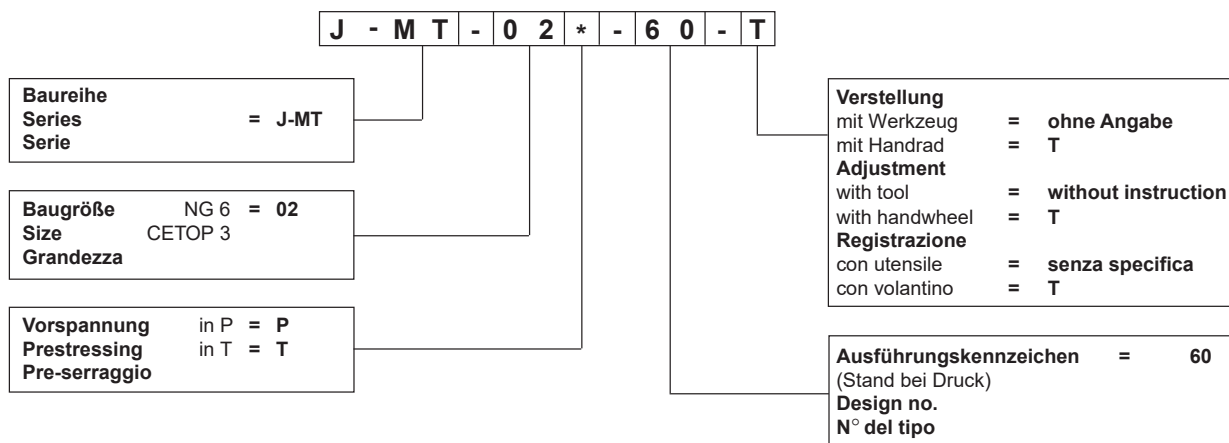
Max. Betriebsdruck Max. operating pressure Press. di funzionamento	350 bar
Max. Durchfluß Max. flow rate Portata max.	40 L/min
Gewicht Weight Peso	1,0 kg 1,2 kg mit Handrad with handwheel con volantino

Verdrehen der Verstellspindel im Uhrzeigersinn =
abnehmbarer Durchflußstrom
Verdrehen entgegen Uhrzeigersinn =
zunehmender Durchflußstrom

Clockwise rotation of the adjusting screw or handwheel decreases
flow rate and counter-clockwise rotation increases it.

La rotazione oraria della vite di regolazione o manopola riduce la
portata e la rotazione anti-oraria la incrementa.

Typenschlüssel · Model code · Chiave di ordinazione



Zwischenplattenventil, NG 6 Multi-stack valve, size 3 Valvola modulare, grandezza 3

Baureihe J-MT
Series J-MT
Serie J-MT

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

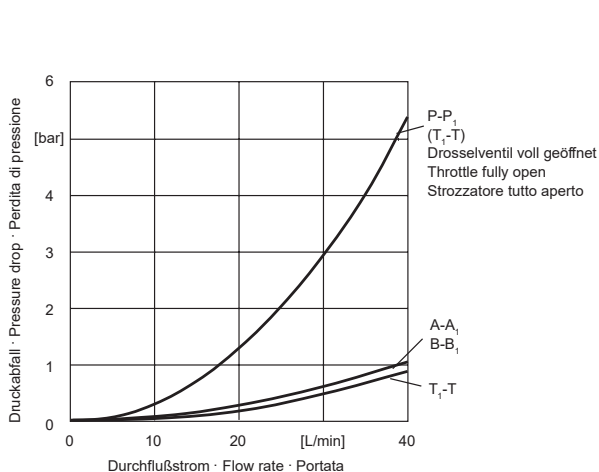


Bild / Fig. 4

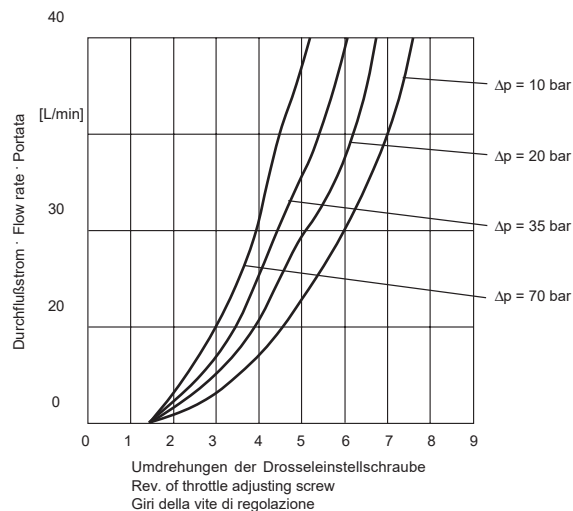


Bild / Fig. 5

Geräteabmessungen · Installation dimensions · Dimensioni

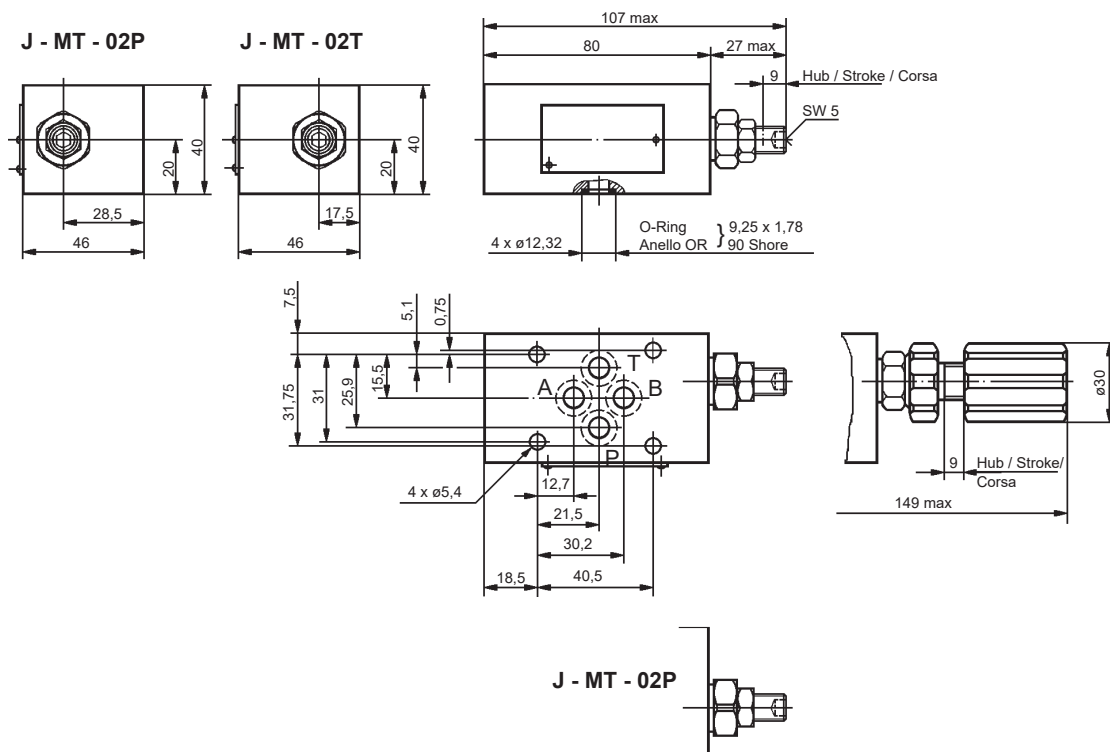


Bild / Fig. 6

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MT
Series J-MT
Serie J-MT

Drosselventil mit Umgehungsrückschlagventil · Throttle valve with free flow return check valve ·
Strozzatore con ritegno direzionale

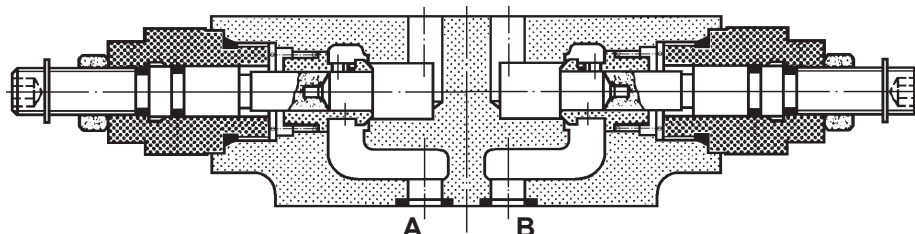
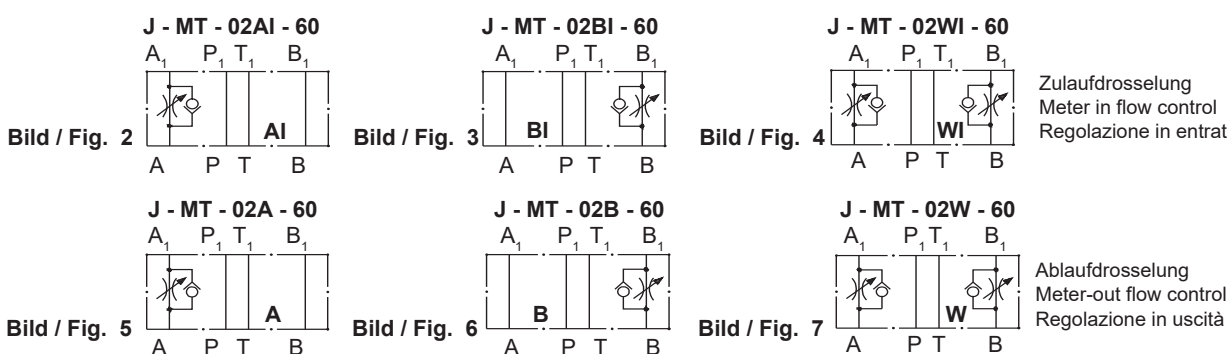


Bild / Fig. 1

Sinnbild · Symbol · Simbolo



Kenngößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar
Max. Durchfluß Max. flow rate Portata max.	40 L/min
Öffnungsdruck Rückschlagventil Cracking pressure check valve Press. d'apertura valvola di non ritorno	0,8 bar
Gewicht Weight Peso	1,2 kg 1,4 kg mit Handrad with handwheel con volantino

Verdrehen der Verstellspindel im Uhrzeigersinn =
 abnehmbarer Durchflußstrom
 Verdrehen entgegen Uhrzeigersinn =
 zunehmender Durchflußstrom
 Clockwise rotation of the adjusting screw or handwheel decreases
 flow rate and counter-clockwise rotation increases it.
 La rotazione oraria della vite di regolazione o manopola riduce la
 portata e la rotazione anti-oraria la incrementa.

Typenschlüssel · Model code · Chiave di ordinazione

J - M T - 0 2 * * - 6 0 - T									
Baureihe Series Serie		= J-MT							
Baugröße Size Grandezza		NG 6 = 02 CETOP 3							
Drosselung Flow control Regolaz. portata		in A = A / AI in B = B / BI in A+B = W / WI							
Verstellung mit Werkzeug mit Handrad Adjustment with tool with handwheel Registrazione con utensile con volantino		= ohne Angabe = T = without instruction = T = senza specifica = T							
Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo		= 60							

Zwischenplattenventil, NG 6 Multi-stack valve, size 3 Valvola modulare, grandezza 3

Baureihe J-MT
Series J-MT
Serie J-MT

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

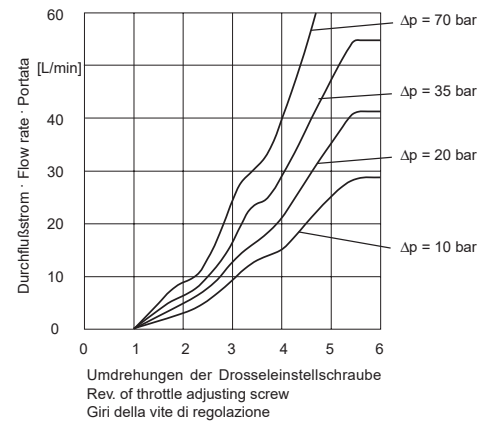
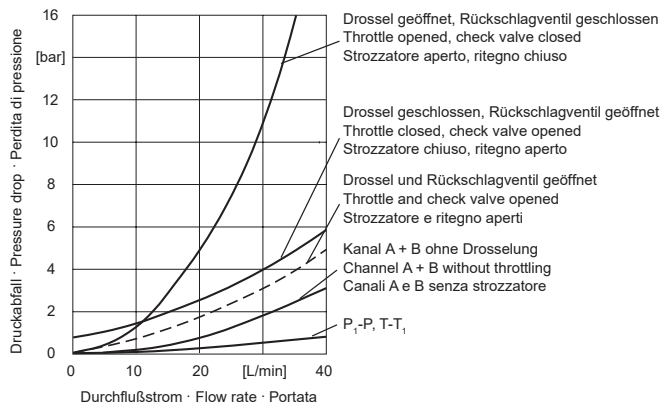


Bild / Fig. 8

Bild / Fig. 9

Geräteabmessungen · Installation dimensions · Dimensioni

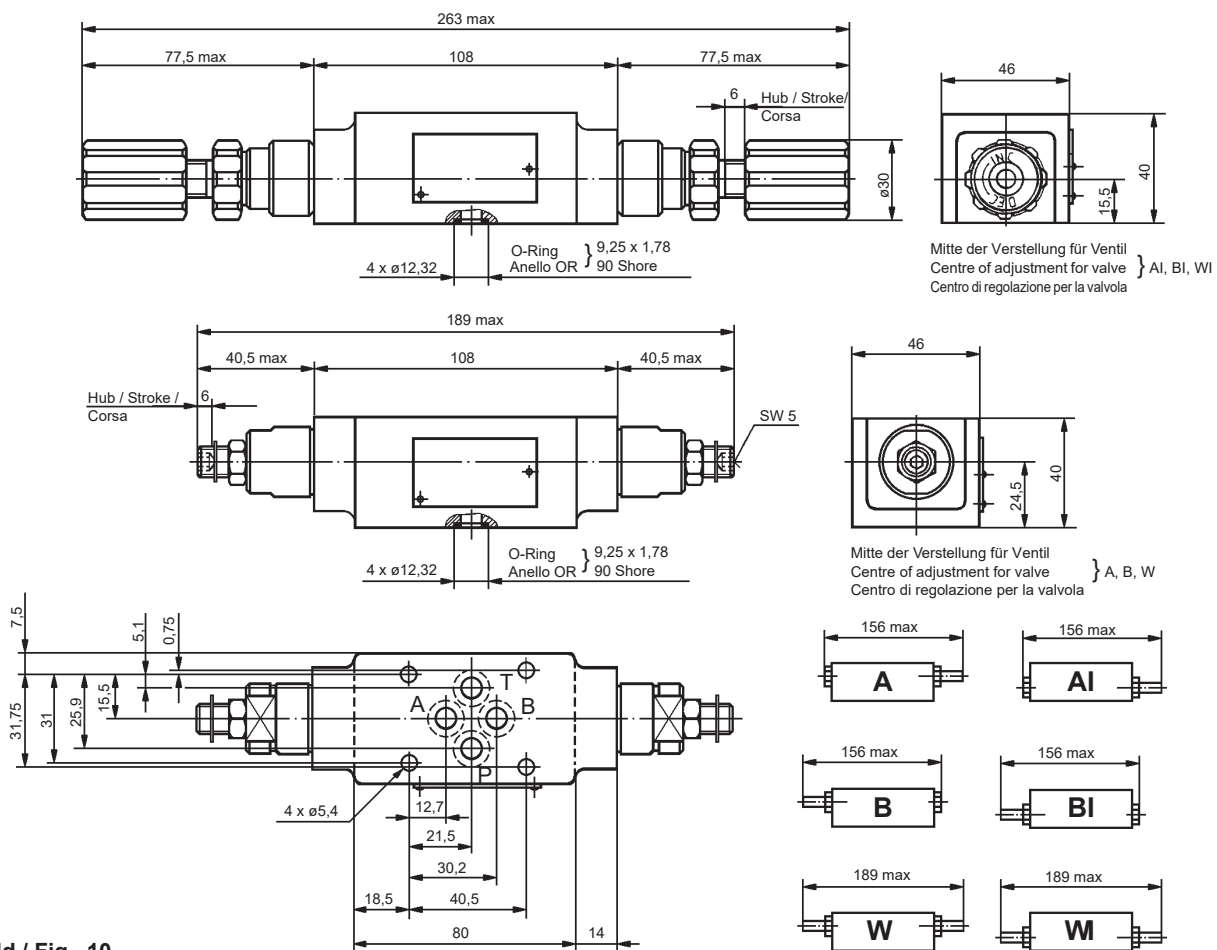


Bild / Fig. 10

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MTC
Series J-MTC
Serie J-MTC

Drosselventil mit Rückschlagventil · Throttle valve with check valve ·
Strozzatore con valvola di non ritorno

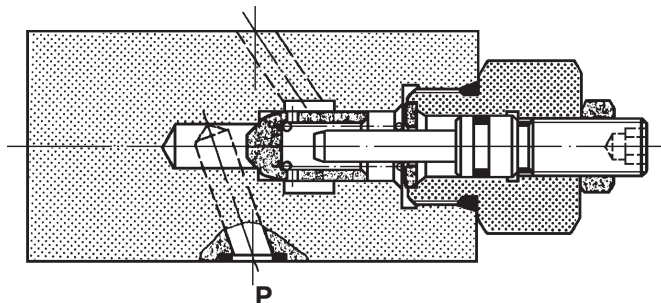


Bild / Fig. 1

Sinnbild · Symbol · Simbolo

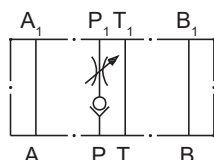


Bild / Fig. 2

Kenngrößen · Operating data · Dati caratteristici

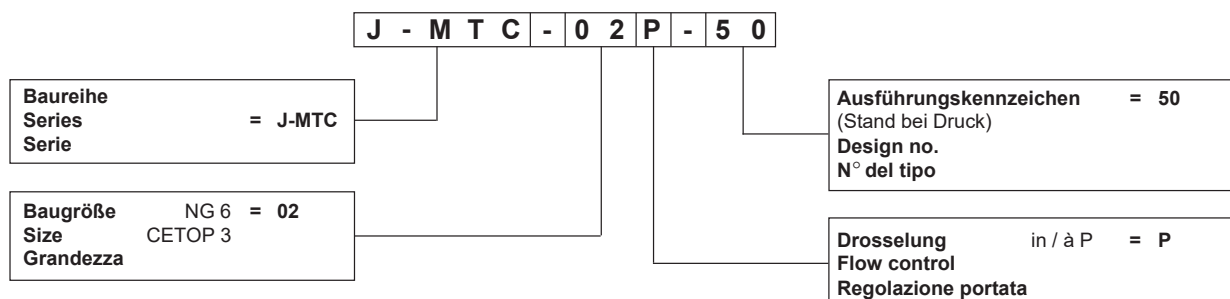
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	250 bar
Max. Durchfluß Max. flow rate Portata max.	40 L/min
Öffnungsdruck Rückschlagventil Cracking pressure check valve Press. d'apertura valvola di non ritorno	0,4 bar
Gewicht Weight Peso	1,0 kg

Verdrehen der Verstellspindel im Uhrzeigersinn =
abnehmbarer Durchflußstrom
Verdrehen entgegen Uhrzeigersinn =
zunehmender Durchflußstrom

Clockwise rotation of the adjusting screw or handwheel decreases
flow rate and counter-clockwise rotation increases it.

La rotazione oraria della vite di regolazione o manopola riduce la
portata e la rotazione anti-oraria la incrementa.

Typenschlüssel · Model code · Chiave di ordinazione



Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MTC
Series J-MTC
Serie J-MTC

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

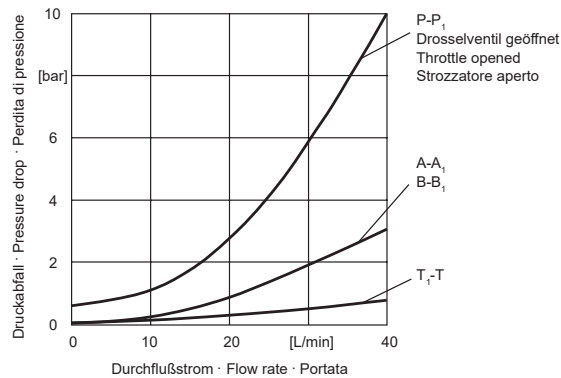


Bild / Fig. 3

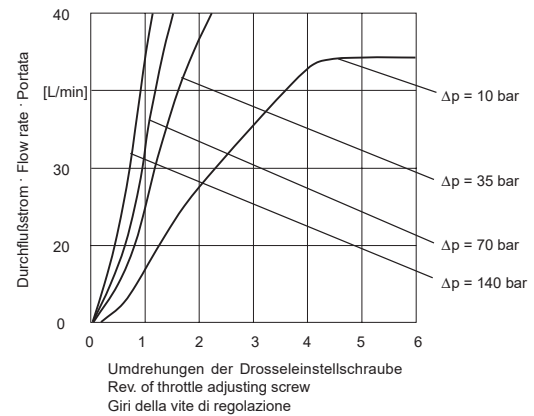


Bild / Fig. 4

Geräteabmessungen · Installation dimensions · Dimensioni

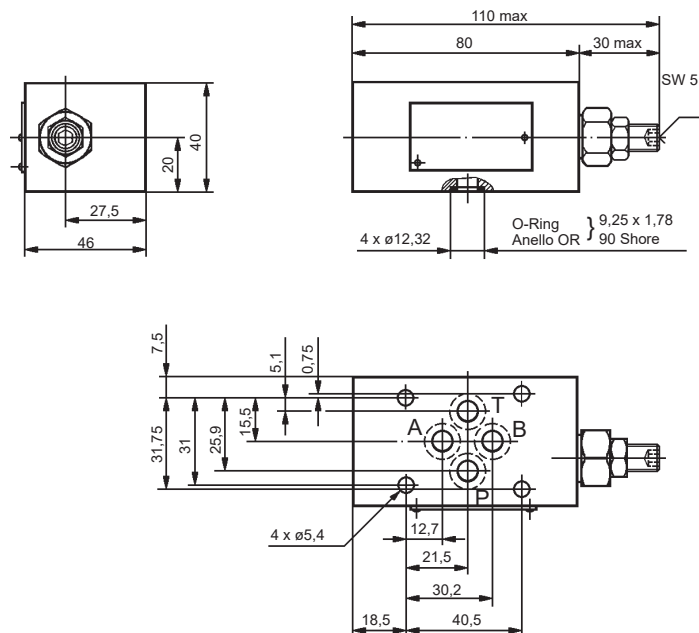


Bild / Fig. 5

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MC
Series J-MC
Serie J-MC

Rückschlagventil · Check valve · Valvola di non ritorno

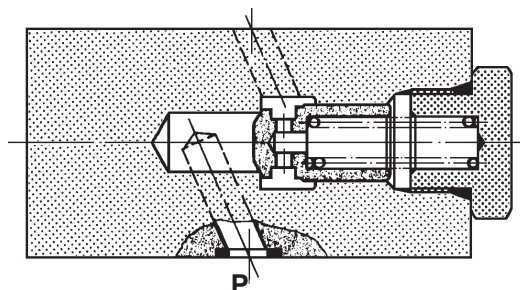


Bild / Fig. 1

Sinnbilder · Symbols · Simbolo

J - MC - 02A - ** - 60

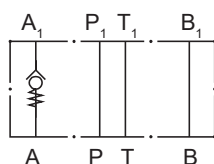


Bild / Fig. 2

J - MC - 02B - ** - 60

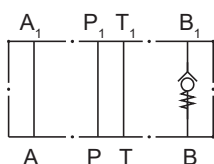


Bild / Fig. 3

J - MC - 02P - ** - 60

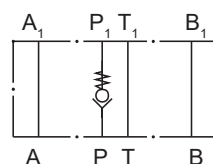


Bild / Fig. 4

J - MC - 02T - ** - 60

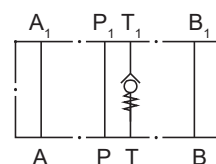
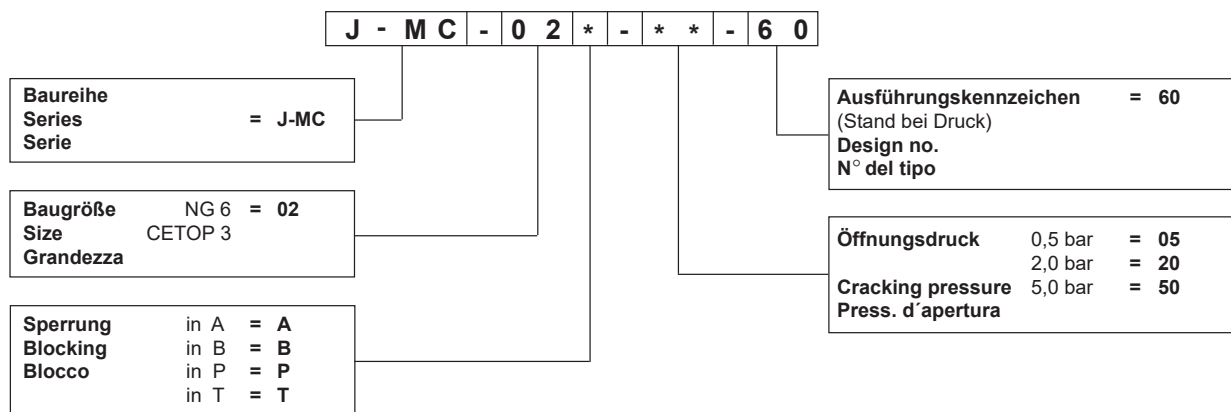


Bild / Fig. 5

Kenngrößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar
Max. Durchfluß Max. flow rate Portata max.	40 L/min
Gewicht Weight Peso	1,0 kg

Typenschlüssel · Model code · Chiave di ordinazione



Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MC
Series J-MC
Serie J-MC

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

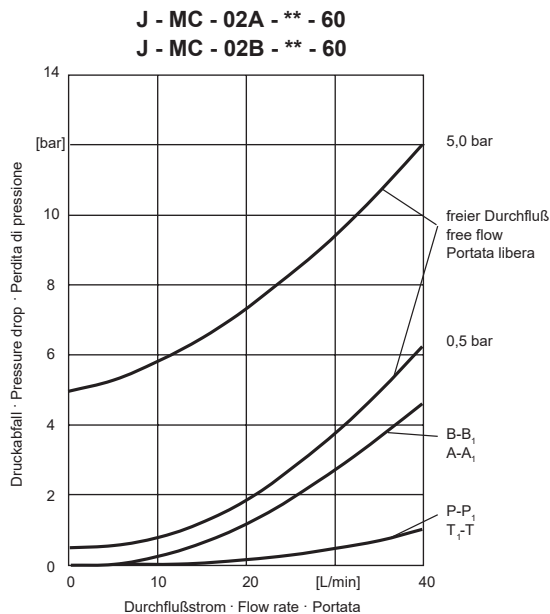


Bild / Fig. 6

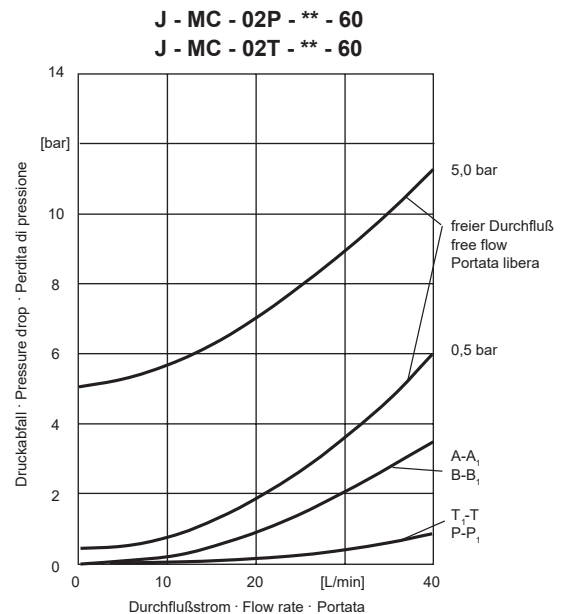


Bild / Fig. 7

Geräteabmessungen · Installation dimensions · Dimensioni

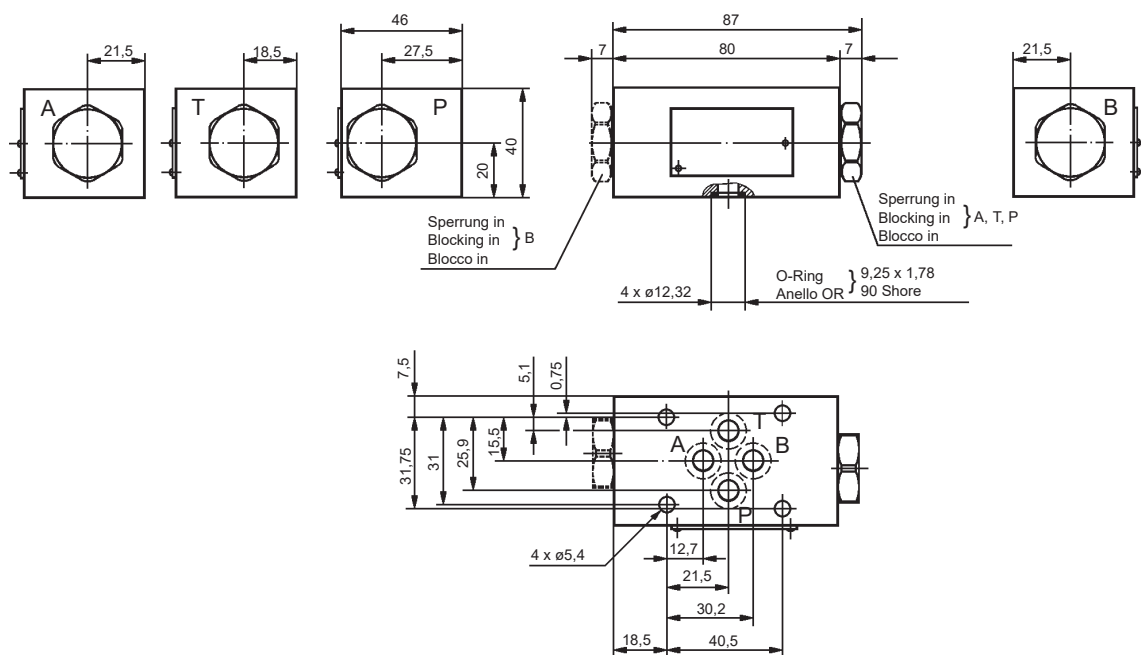


Bild / Fig. 8

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MC
Series J-MC
Serie J-MC

Rückschlagventil · Check valve · Valvola di non ritorno

J - MC - 02PA - ** - 60

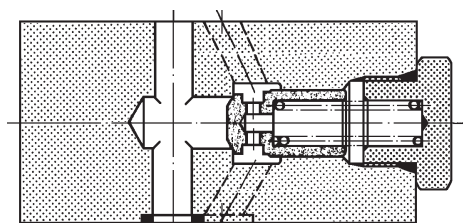


Bild / Fig. 1 A P

J - MC - 02AB - ** - 50

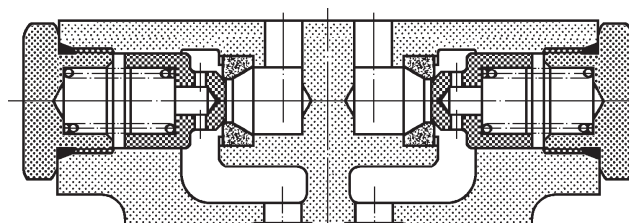


Bild / Fig. 2 A B

Sinnbild · Symbol · Simbolo

J - MC - 02PA - ** - 60

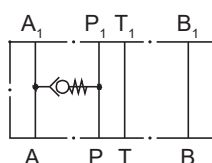


Bild / Fig. 3

J - MC - 02PB - ** - 60

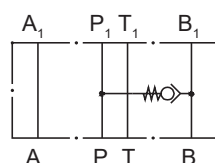


Bild / Fig. 4

J - MC - 02W - 50

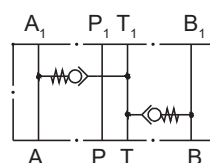


Bild / Fig. 5

J - MC - 02AB - ** - 50

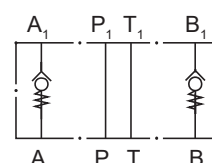


Bild / Fig. 6

Kenngrößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar* / 250 bar*
Max. Durchfluß Max. flow rate Portata max.	40 L/min
Gewicht Weight Peso	1,0 kg

* 350 bar:
für Ventile mit Ausführungskennzeichen = 60 (siehe Typenschlüssel)
for valves with design no. = 60 (see model code)
per valvole serie 60 (vedi descrittiva)

* 250 bar:
für Ventile mit Ausführungskennzeichen = 50 (siehe Typenschlüssel)
for valves with design no. = 50 (see model code)
per valvole serie 60 (vedi descrittiva)

Typenschlüssel · Model code · Chiave di ordinazione

J - M C - 0 2 * * - * * - * *											
Baureihe Series Serie		= J-MC									
Baugröße Size Grandezza		NG 6 = 02 CETOP 3									
Sperrung · Blocking · Blocco		in P -> A = PA in P -> B = PB in A -> T, B -> T = W** in A -> A ₁ , B -> B ₁ = AB									

Zwischenplattenventil, NG 6 Multi-stack valve, size 3 Valvola modulare, grandezza 3

Baureihe J-MC
Series J-MC
Serie J-MC

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

J - MC - 02PA - ** - 60
J - MC - 02PB - ** - 60

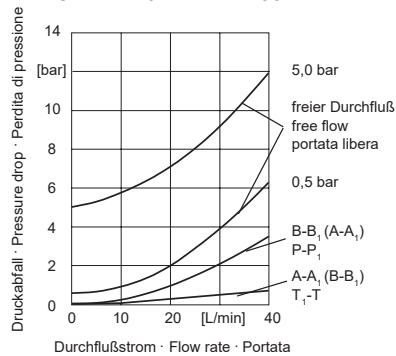


Bild / Fig. 7

J - MC - 02W - 50

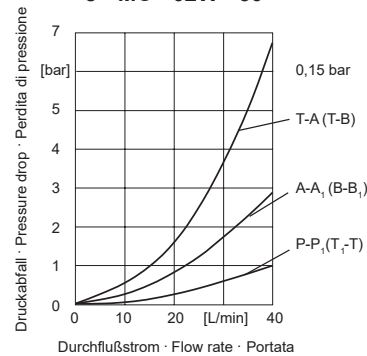


Bild / Fig. 8

J - MC - 02AB - ** - 50

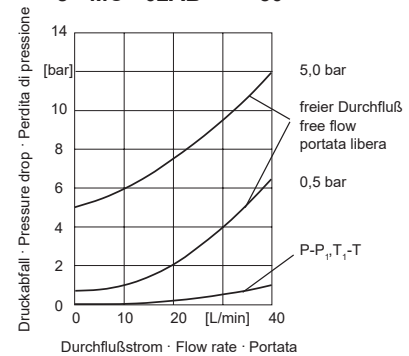
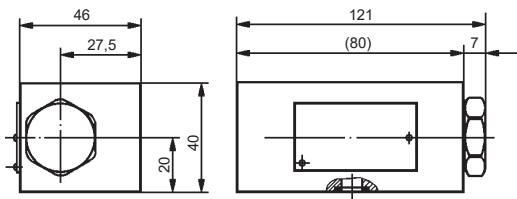


Bild / Fig. 9

Geräteabmessungen · Installation dimensions · Dimensioni



J - MC - 02PA - ** - 60

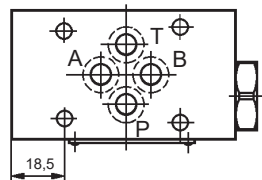
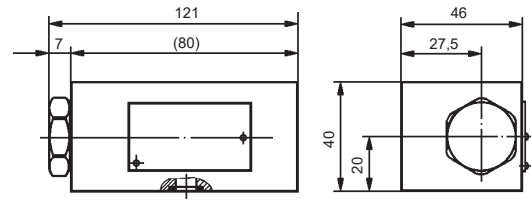
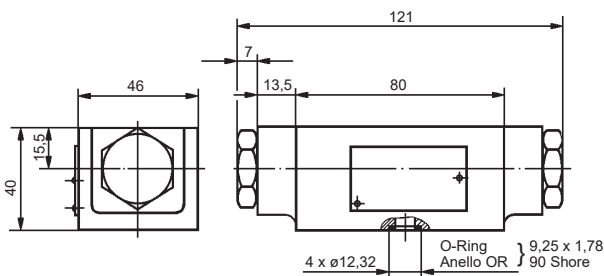


Bild / Fig. 10



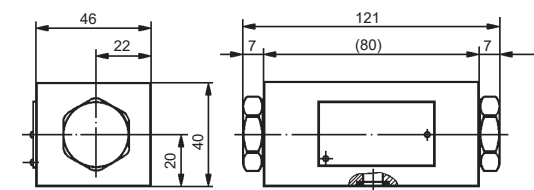
J - MC - 02PB - ** - 60

Bild / Fig. 11



J - MC - 02AB - ** - 50

Bild / Fig. 12



J - MC - 02W - 50

Bild / Fig. 13

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MP
Series J-MP
Serie J-MP

Rückschlagventil, hydraulisch entsperrbar · Pilot operated check valves · Ritegno pilotato

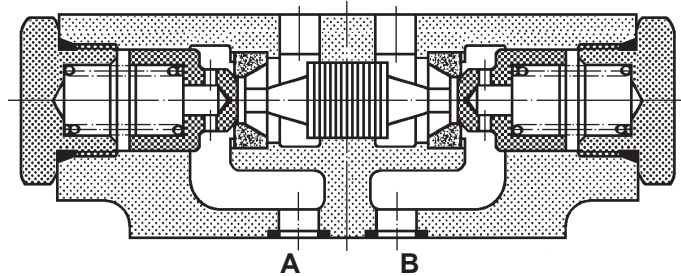


Bild / Fig. 1

Sinnbilder · Symbols · Simbolo

J - MP - 02A - ** - 60

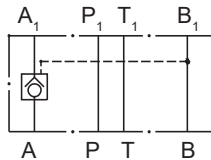


Bild / Fig. 2

J - MP - 02B - ** - 60

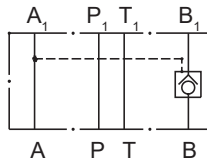


Bild / Fig. 3

J - MP - 02W - ** - 60

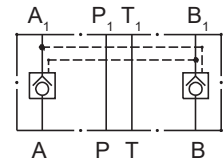


Bild / Fig. 4

Kenngrößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar
Max. Durchfluß Max. flow rate Portata max.	40 L/min
Gewicht Weight Peso	1,2 kg

Flächenverhältnis Steuerkolben zum Ventilsitz
 Ratio of area piston / valve seat
 Rapporto area pistone / sede } 2,7 : 1

Typenschlüssel · Model code · Chiave di ordinazione

J - M P - 0 2 * - * * - 6 0

Baureihe
Series = J-MP
Serie

Baugröße NG 6 = 02
Size CETOP 3
Grandezza

Sperrung in A = A
Blocking in B = B
Blocco in A + B = W

Ausführungskennzeichen = 60
 (Stand bei Druck)
Design no.
N° del tipo

Öffnungsdruck 2,0 bar = 20
Cracking pressure 5,0 bar = 50
Press. d'apertura

Zwischenplattenventil, NG 6 Multi-stack valve, size 3 Valvola modulare, grandezza 3

Baureihe J-MP
Series J-MP
Serie J-MP

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

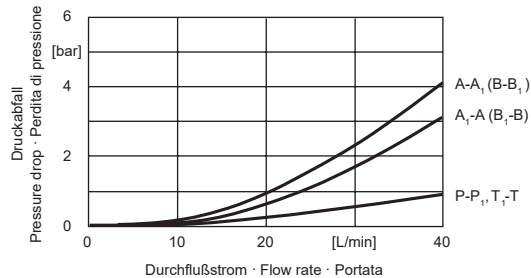


Bild / Fig. 5

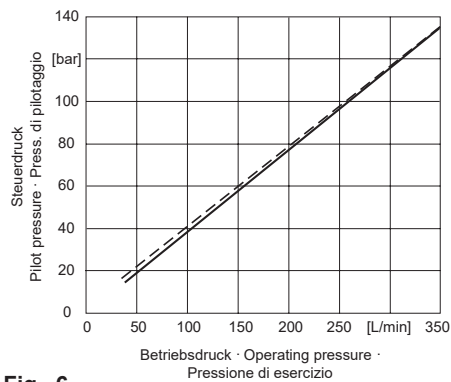


Bild / Fig. 6

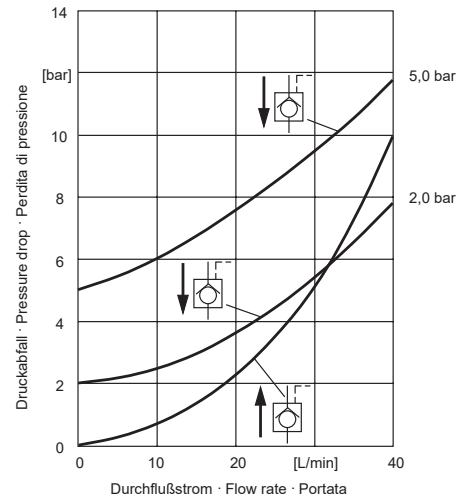
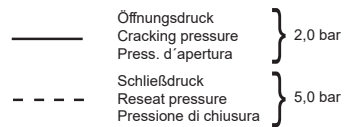


Bild / Fig. 7



Geräteabmessungen · Installation dimensions · Dimensioni

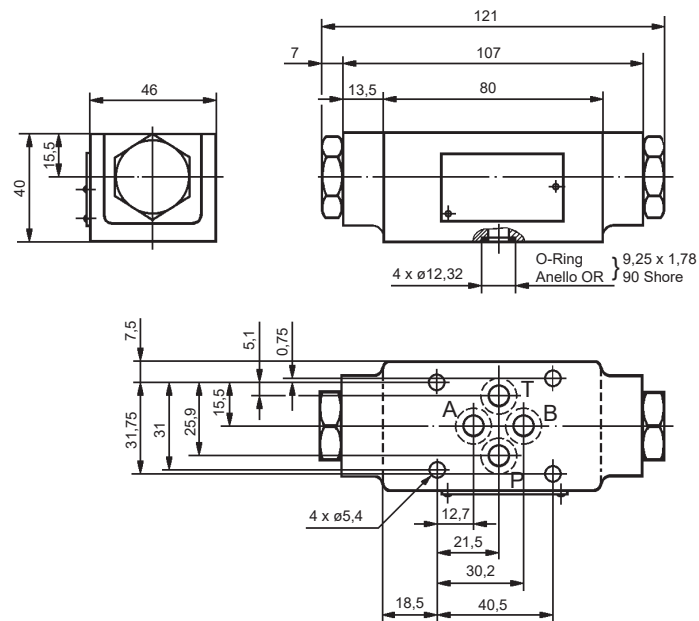


Bild / Fig. 8

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Baureihe J-MPD
Series J-MPD
Serie J-MPD

Rückschlagventil, hydraulisch entsperrbar mit Vorentlastung · Pilot operated check valve with decompression · Ritegno pilotato con decompressione

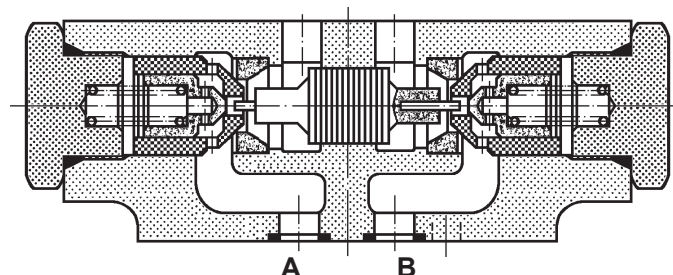


Bild / Fig. 1

Sinnbilder · Symbols · Simbolo

J - MPD - 02A - ** - 50

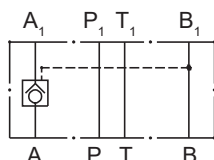


Bild / Fig. 2

J - MPD - 02B - ** - 50

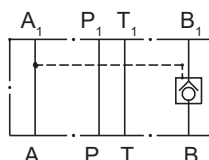


Bild / Fig. 3

J - MPD - 02W - ** - 50

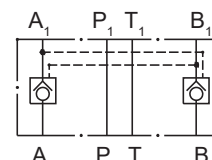


Bild / Fig. 4

Kenngrößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. operating pressure Press. di funzionamento	250 bar
Max. Durchfluß Max. flow rate Portata max.	40 L/min
Gewicht Weight Peso	1,2 kg

Flächenverhältnis Steuerkolben zum Ventilsitz
 Ratio of area piston / valve seat
 Rapporto area pistone / sede valvola

- a) Vorsteuerventil
Pilot valve
Valvola di pilotaggio } 16 : 1
- b) Hauptventil
Main valve
Valvola principale } 1,96 : 1

Typenschlüssel · Model code · Chiave di ordinazione

J - M P D - 0 2 * - * * - 5 0

Baureihe
Series = J-MPD
Serie

Baugröße NG 6 = 02
Size CETOP 3
Grandezza

Sperrung in A = A
Blocking in B = B
Blocco in A + B = W

Ausführungskennzeichen = 50
(Stand bei Druck)
Design no.
N° del tipo

Öffnungsdruck 2,0 bar = 20
Cracking pressure 5,0 bar = 50
Press. d'apertura

Zwischenplattenventil, NG 6 Multi-stack valve, size 3 Valvola modulare, grandezza 3

Baureihe J-MPD Series J-MPD Serie J-MPD

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determ. at $v = 32 \text{ mm}^2/\text{s}$ · rilevate con $v = 32 \text{ mm}^2/\text{s}$

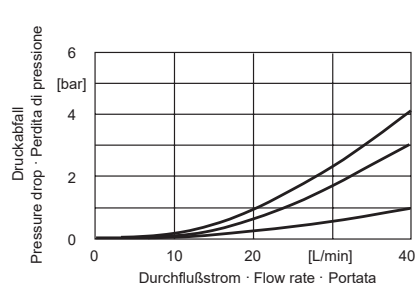


Bild / Fig. 5

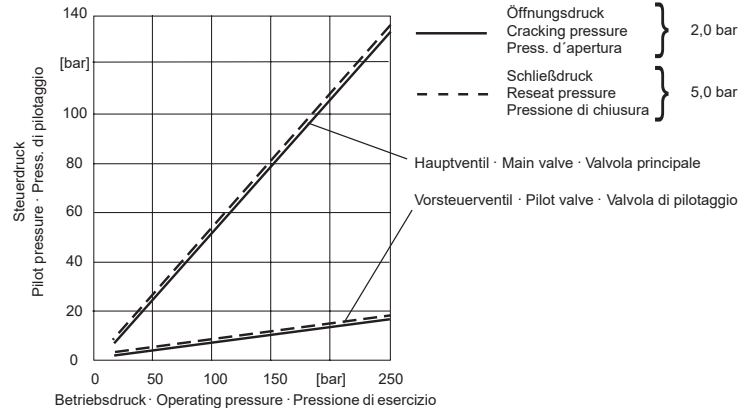


Bild / Fig. 6

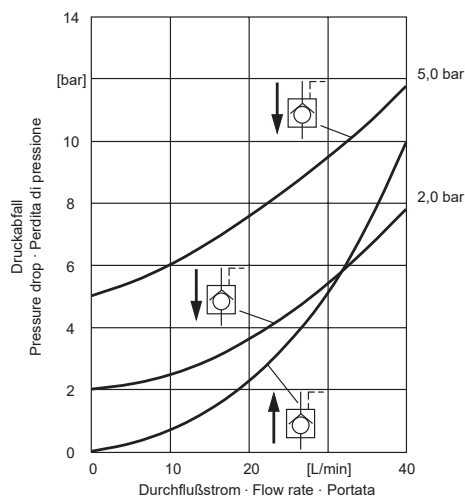


Bild / Fig. 7

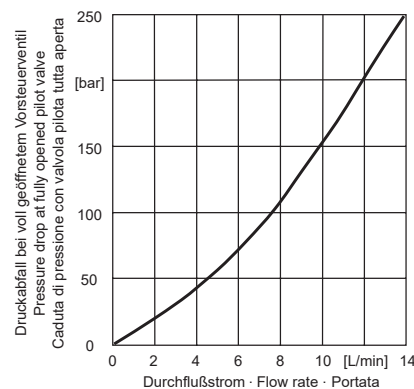


Bild / Fig. 8

Geräteabmessungen · Installation dimensions · Dimensioni

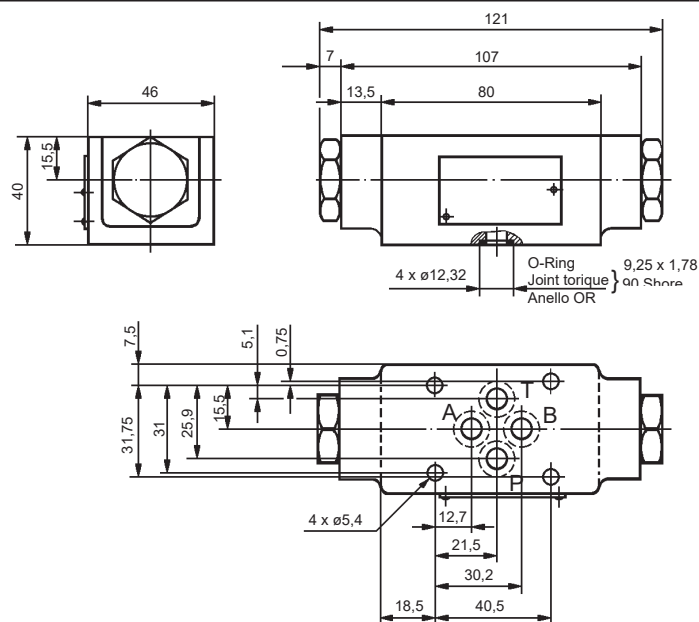


Bild / Fig. 9

Zwischenplattenventil, NG 6

Multi-stack valve, size 3

Valvola modulare, grandezza 3

Zusatzplatten · Subplates · Piastre aggiuntive

Sinnbilder · Symbols · Simbolo / Typenschlüssel · Model code · Chiave di ordinazione

	Abschußplatte · Cover block Piastra di chiusura J-BS-02-60		Umlenkplatte · Bypass block Piastra di adattamento J-BF-02-60
	Umlenkplatte · Bypass block Piastra di adattamento J-BE-02-60		Umlenkplatte · Bypass block Piastra di adattamento J-BD-02PA-60
	Umlenkplatte · Bypass block Piastra di adattamento J-BH-02-60		Umlenkplatte · Bypass block Piastra di adattamento J-BD-02PT-60
	Abzweigplatte · Gauge block Attacco manometro J-BG-02PT-60		Umlenkplatte · Bypass block Piastra di adattamento J-BG-02AB-60

Tabelle 1 / Table 1 / Tabella 1

Kenngrößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar	Gewicht Weight Peso	1,0 kg
Max. Durchfluß Max. flow rate Portata max.	40 L/min		

Geräteabmessungen · Installation dimensions · Dimensioni

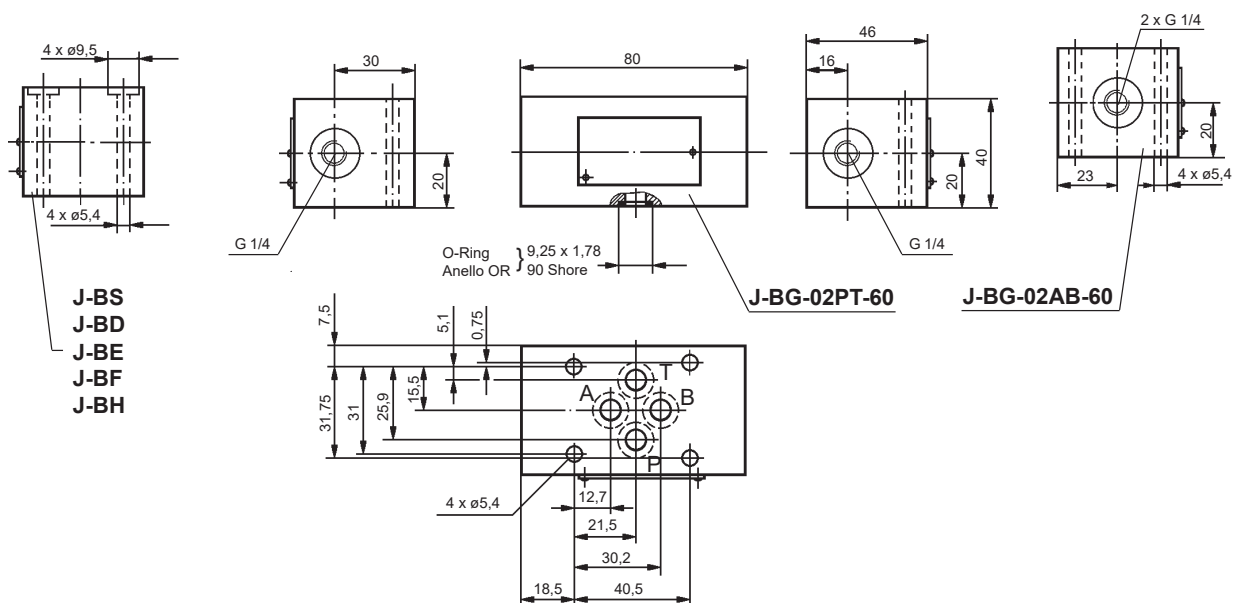


Bild / Fig. 1

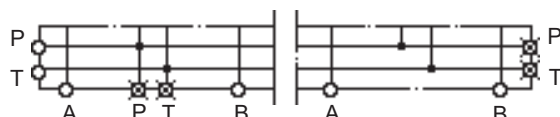
Zwischenplattenventil, NG 6

Multi-stack valve, size 3

Valvola modulare, grandezza 3

Sammelanschlußplatten · Manifold plates · Piastre multiple

Sinnbild · Symbol · Simbolo



Kenngrößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar	Gewicht Weight Peso	siehe Typenschlüssel see Model code vedi chiave di ordinazione
Max. Durchfluß Max. flow rate Portata max.	40 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

	Anzahl der Stationen No. of stations N.° di stazioni	M*	L*	Gewicht Weight Peso } kg
J-BT-102-60	1	0	88	2,7
J-BT-202-60	2	50	130	4,2
J-BT-302-60	3	100	180	6,0
J-BT-402-60	4	150	230	7,8
J-BT-502-60	5	200	280	9,6
J-BT-602-60	6	250	330	11,4

* siehe Seite 33
see page 33
vedi pagina 33

Größere Abmessungen auf Anfrage / Other dimensions on inquiry / Altre dimensioni su richiesta

Geräteabmessungen · Installation dimensions · Dimensioni

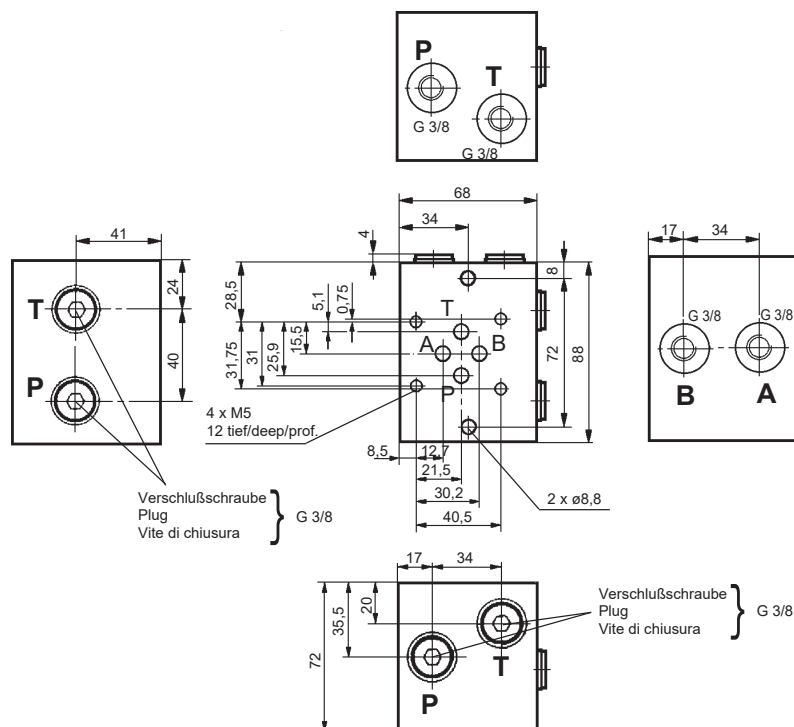


Bild / Fig. 1

Zwischenplattenventil, NG 6
Multi-stack valve, size 3
Valvola modulare, grandezza 3

Geräteabmessungen · Installation dimensions · Dimensioni

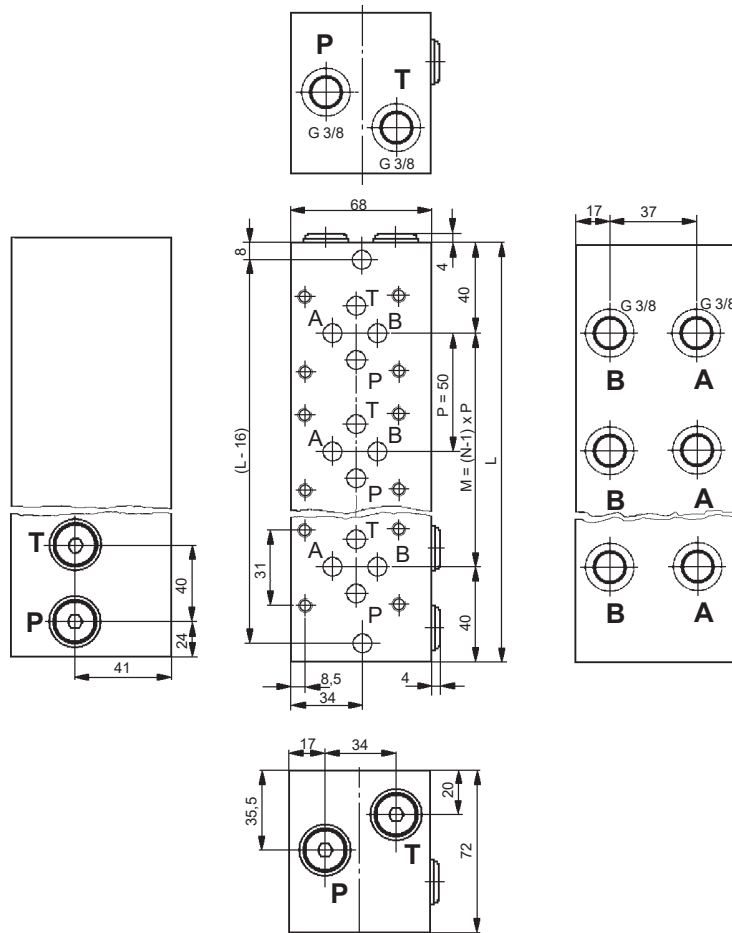
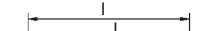


Bild / Fig. 2

Zubehör · Accessories · Accessori

Befestigungsschrauben* Fixing bolts* Viti di fissaggio*			
			
l_H	Zylinderschraube Cylinder screw Vite a testa cilindrica	Anzugsmoment Tightening torque coppia di serraggio	Best.-Nr. Part.-no No. d'ordinaz.
0	4 x M5 x 45 DIN 912 - 10.9		742866
40	4 x M5 x 85 DIN 912 - 10.9	5 Nm bis 8 Nm	742874
80	4 x M5 x 125 DIN 912 - 10.9	5 Nm to 8 Nm	742882
120	4 x M5 x 165 DIN 912 - 10.9	5 Nm ... 8 Nm	742890
160	4 x M5 x 205 DIN 912 - 10.9		742908



* Gehört nicht zum Lieferumfang / * not included in delivery scope / *Non compreso nell'insieme di fornitura

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MR
Series J-MR
Serie J-MR

Druckbegrenzungsventil, vorgesteuert · Pilot operating pressure relief valves ·
Valvola di massima pressione pilotata

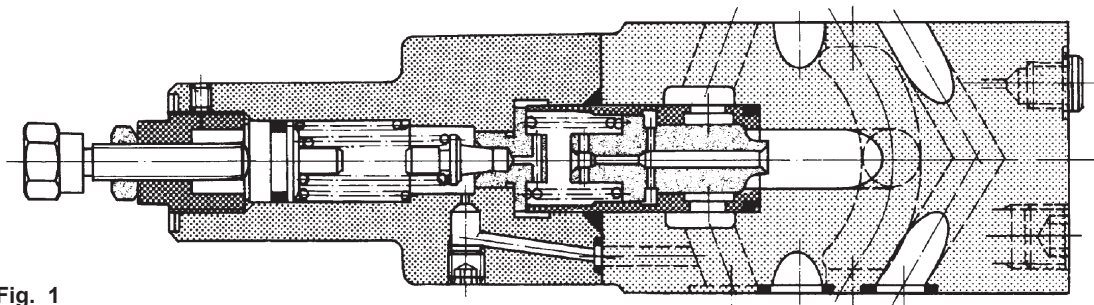


Bild / Fig. 1

Sinnbilder · Symbols · Simbolo

	Druckbegrenzung in P Pressure relief in P Limitazione di pressione in P		
--	---	--	--

Bild / Fig. 2

Kenngößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	3,4 kg 3,4 kg mit Handrad with handwheel con volantino
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar		
Max. Durchfluß Max. flow rate Portata max.	80 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

Baureihe Series Serie = J-MR		Verstellung mit Werkzeug = ohne Angabe mit Handrad = T Adjustment with tool = without instruction with handwheel = T Registrazione con utensile = senza specifica con volantino = T
Baugröße NG 10 = 03 Size CETOP 5 Grandezza		
Druckbegrenzung Pressure relief Limitazione di pressione in P = P		

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MR
Series J-MR
Serie J-MR

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determined $v = 32 \text{ mm}^2/\text{s}$ · rilevate $v = 32 \text{ mm}^2/\text{s}$

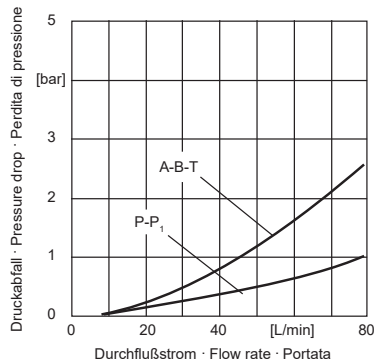


Bild / Fig. 3

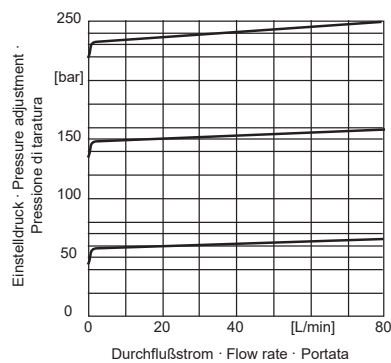


Bild / Fig. 4

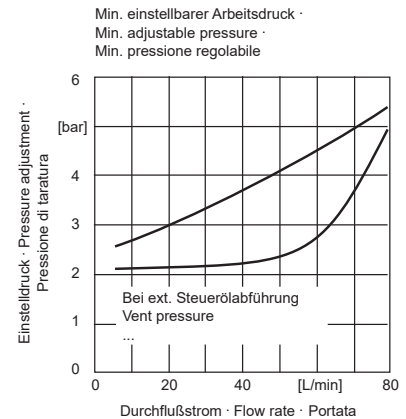


Bild / Fig. 5

Geräteabmessungen · Installation dimensions · Dimensioni

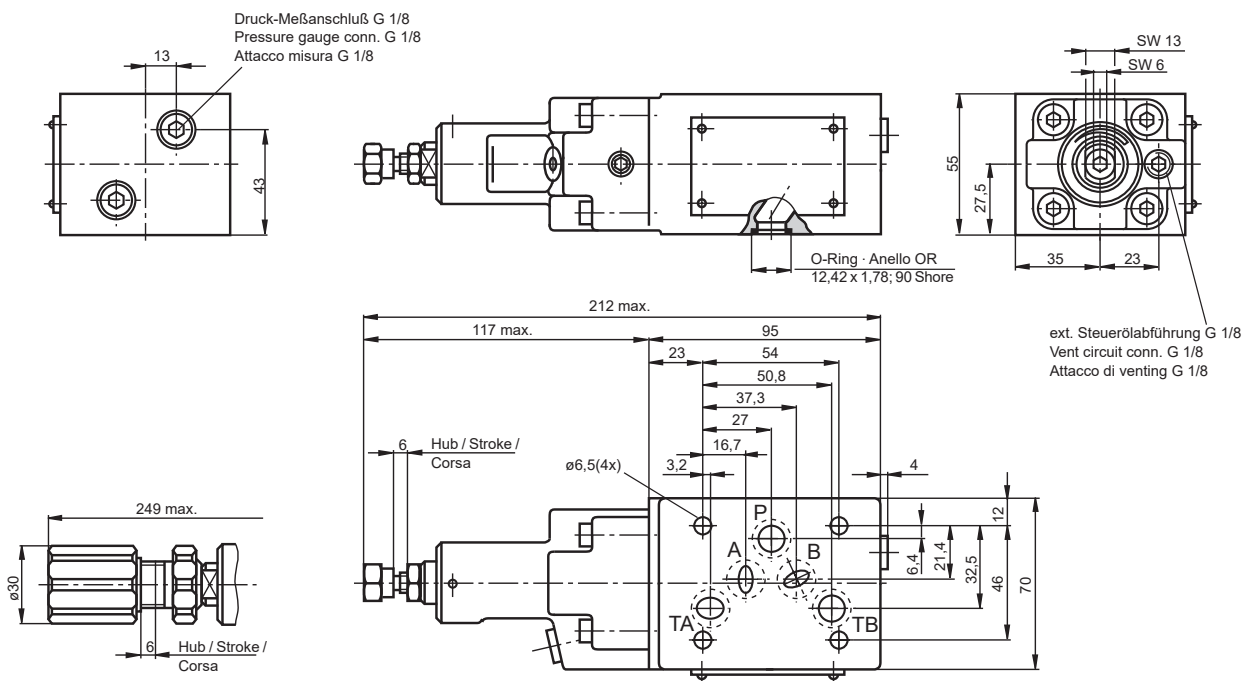


Bild / Fig. 6

Zwischenplattenventil, NG 10

Multi-stack valve, size 5

Valvola modulare, grandezza 5

Baureihe J-MG
Series J-MG
Serie J-MG

Druckregelventil, vorgesteuert · Pilot operating pressure control valve ·
Valvola di riduzione pressione pilotata

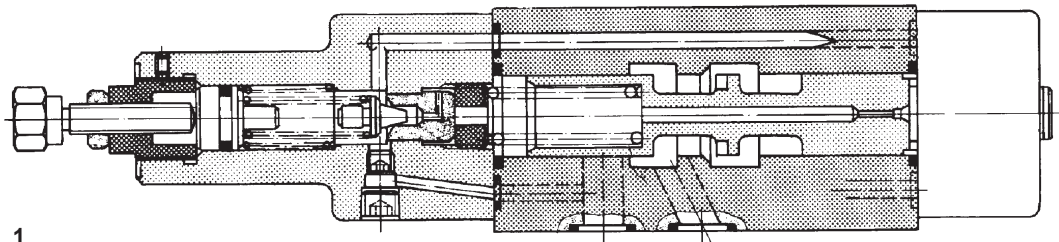


Bild / Fig. 1

Sinnbilder · Symbols · Simbolo

	Druckreduzierung in P Pressure reducing in P Limitazione di pressione in P		Druckreduzierung in B Pressure reducing in B Limitazione di pressione in B
--	--	--	--

Bild / Fig. 2

** unbedingt extern abführen · use external drain port · è necessario lo scarico esterno

Kenngrößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight with handwheel	4 kg 4 kg mit Handrad Peso con volantino
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar		
Max. Durchfluß Max. flow rate Portata max.	80 L/min		

Hinweis: Standard mit externem Leckölabfluß - interner Leckölabfluß auf Anfrage

Notice: Standard with external drain port - internal drain port on request

Nota: Standard con drenaggio esterno - drenaggio interno su richiesta

Typenschlüssel · Model code · Chiave di ordinazione

J - M G - 0 3 * - * - 4 0 - T - X

Baureihe
Series
Serie = J-MG

Baugröße NG 10 = 03
Size CETOP 5
Grandezza

Druckreduzierung
Pressure relief
Limitazione di pressione
in P = P
in B = B

interner Leckölabfluß = X

Verstellung
mit Werkzeug = ohne Angabe
mit Handrad = T
Adjustment
with tool = without instruction
with handwheel = T
Registrazione
con utensile = senza specifica
con volantino = T

Ausführungskennzeichen = 40
(Stand bei Druck)
Design no. · N° del tipo

Druckeinstellbereich
Pressure adjustment range
Campo di regolazione pressione

* 3 bar - 70 bar = 03
7 bar - 70 bar = 1
35 bar - 250 bar = 3

* bei max. Betriebsdruck 160 bar
at max. operating pressure 160 bar
alla pressione di esercizio max. di 160 bar

aufgrund Regelverhalten können bei höheren Drücken keine 3 bar mehr realisiert werden
in case of higher pressure, it's not possible to realize 3 bar because of controller action
per il processo di regolazione non sono realizzabili 3 bar con pressioni più alte

Zwischenplattenventil, NG 10 Multi-stack valve, size 5 Valvola modulare, grandezza 5

Baureihe J-MG
Series J-MG
Serie J-MG

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determined $v = 32 \text{ mm}^2/\text{s}$ · rilevate $v = 32 \text{ mm}^2/\text{s}$

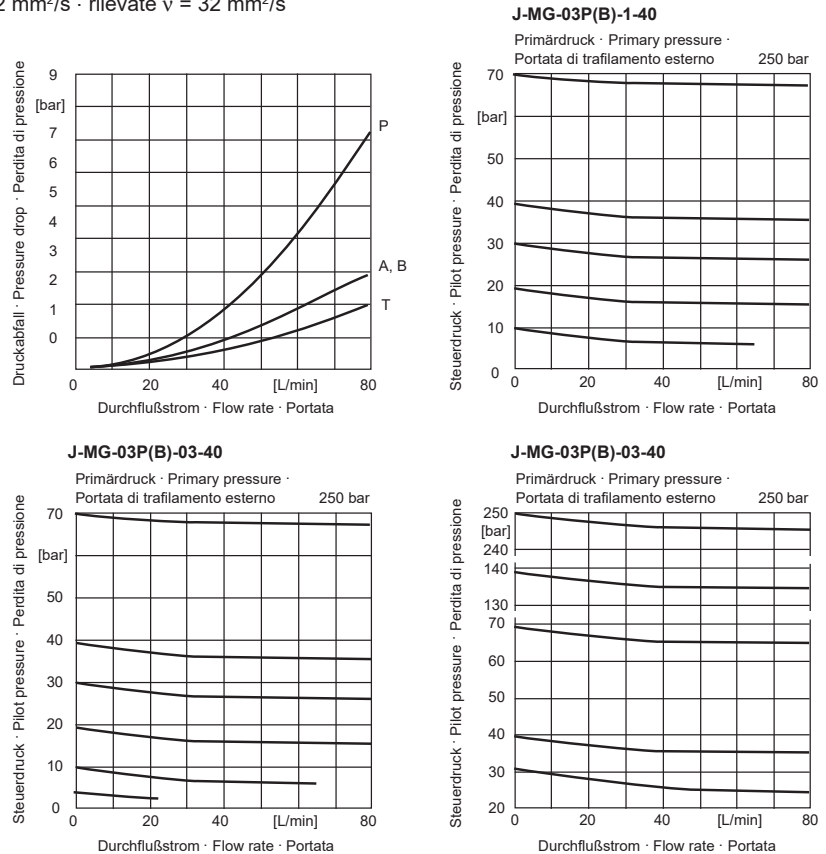


Bild / Fig. 3

Geräteabmessungen · Installation dimensions · Dimensioni

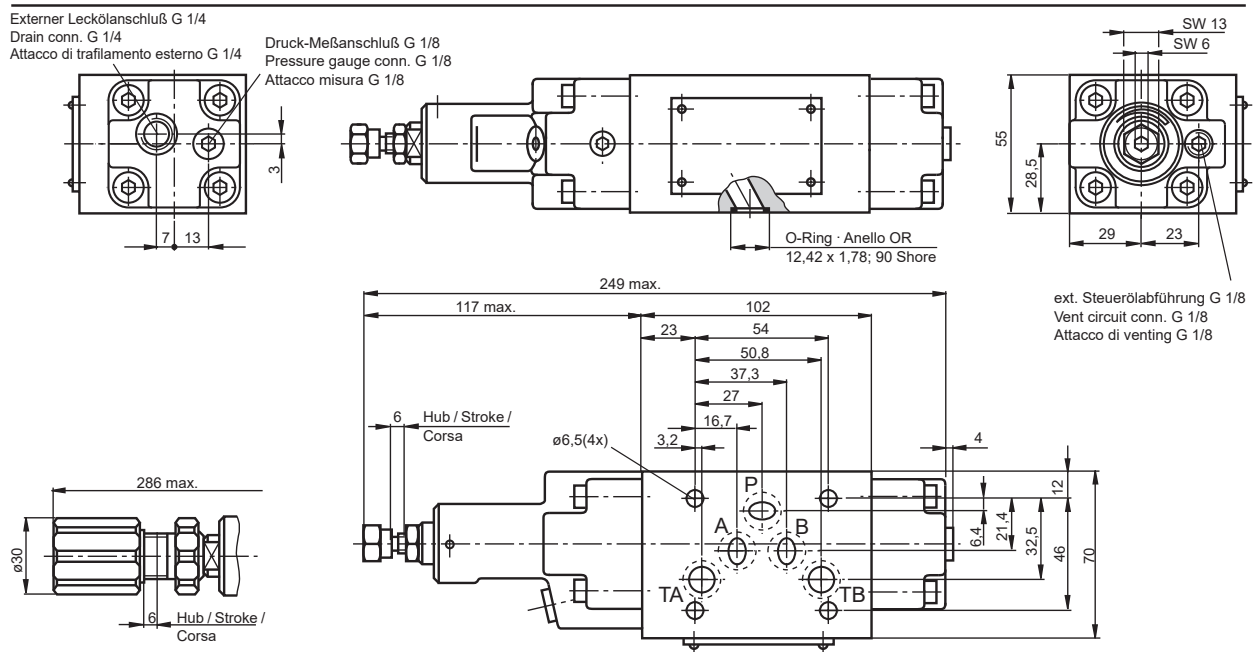


Bild / Fig. 4

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MQ
Series J-MQ
Serie J-MQ

Druckfolgeventil, direkt gesteuert · Direct operating sequence valve ·
Valvola di sequenza a pilotaggio diretto

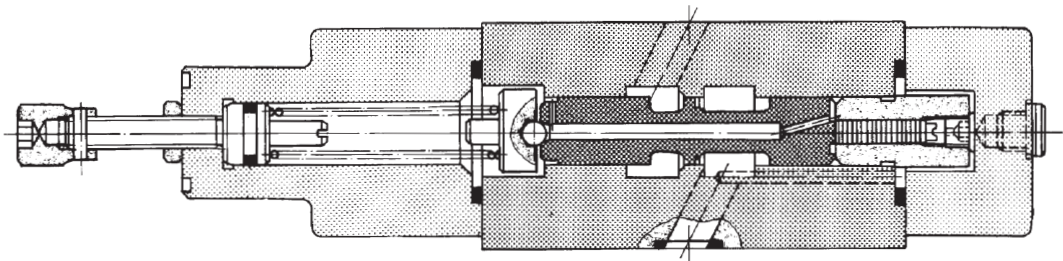


Bild / Fig. 1

Sinnbilder · Symbols · Simboli

	Zuschaltung Sequence sequenza	in P in P in P		
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Bild / Fig. 2

Kenngößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	3,9 kg
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar		
Max. Durchfluß Max. flow rate Portata max.	80 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M Q - 0 3 P - 2 * - 4 0			
Baureihe Series Serie	= J-MQ	Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo	= 40
Baugröße Size Grandezza	NG 10 = 03 CETOP 5	Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione	2,5 bar - 8,5 bar = 2A 5 bar - 35 bar = 2C 20 bar - 140 bar = 2E
Zuschaltung Sequence Sequenza	in P = P		

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MQ
Series J-MQ
Serie J-MQ

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determined $v = 32 \text{ mm}^2/\text{s}$ · rilevate $v = 32 \text{ mm}^2/\text{s}$

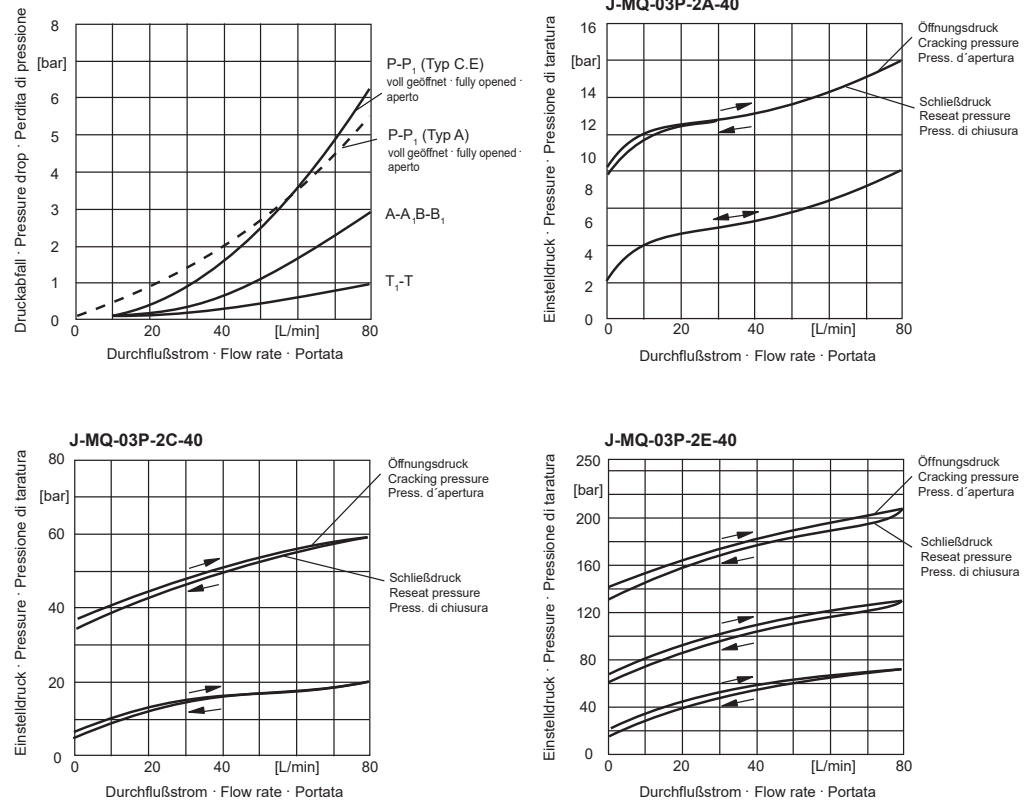


Bild / Fig. 3

Geräteabmessungen · Installation dimensions · Dimensioni

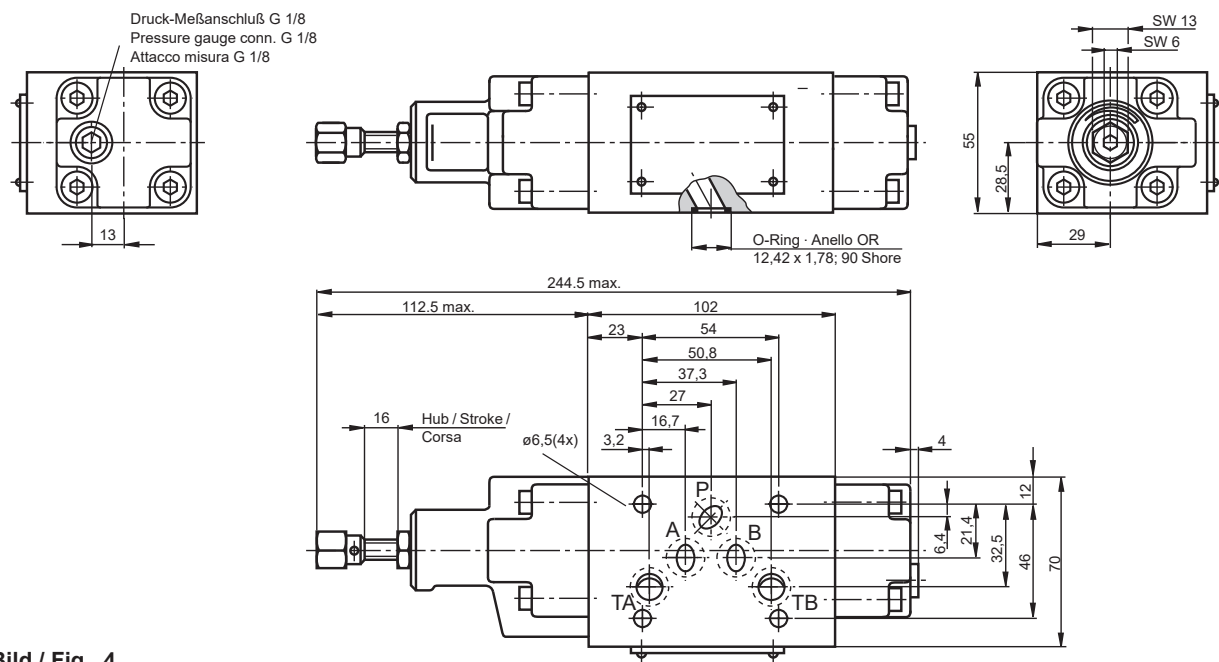


Bild / Fig. 4

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MQ
Series J-MQ
Serie J-MQ

Vorspannventil mit Umgehungs-Rückschlagventil · Counter balance valve with free flow return check valve · Valvola di bilanciamento con ritegno

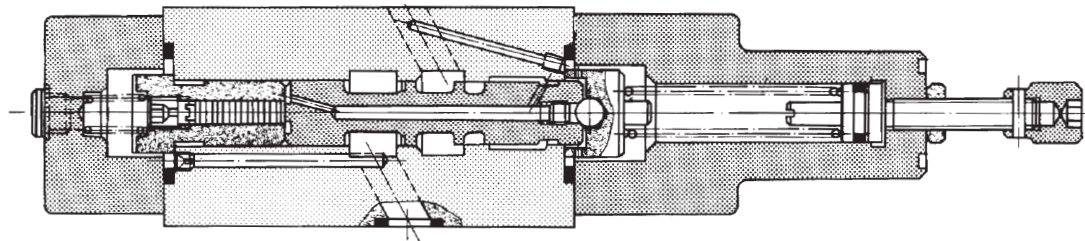


Bild / Fig. 1

Sinnbilder · Symbols · Simboli

	Vorspannung in B Presstressing in B Pre-serraggio in B		
--	--	--	--

Bild / Fig. 2

Kenngrößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	3,9 kg
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar	Öffnungsdruck-Rückschlagventil · Cracking pressure check valve · Press. d'apertura valvola di non ritorno	0,5 bar
Max. Durchfluß Max. flow rate Portata max.	80 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M Q - 0 3 B - 1 * - 4 0			
Baureihe Series Serie = J-MQ		Ausführungskennzeichen = 40 (Stand bei Druck) Design no. N° del tipo	
Baugröße NG 10 = 03 Size CETOP 5 Grandezza		Druckeinstellbereich Pressure adjustment range Campo di regolazione pressione 2,5 bar - 8,5 bar = 1A 5 bar - 35 bar = 1C 20 bar - 140 bar = 1E	
Vorspannung Presstressing Pre-serraggio in B = B			

Zwischenplattenventil, NG 10 Multi-stack valve, size 5 Valvola modulare, grandezza 5

Baureihe J-MQ
Series J-MQ
Serie J-MQ

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determined $v = 32 \text{ mm}^2/\text{s}$ · rilevate $v = 32 \text{ mm}^2/\text{s}$

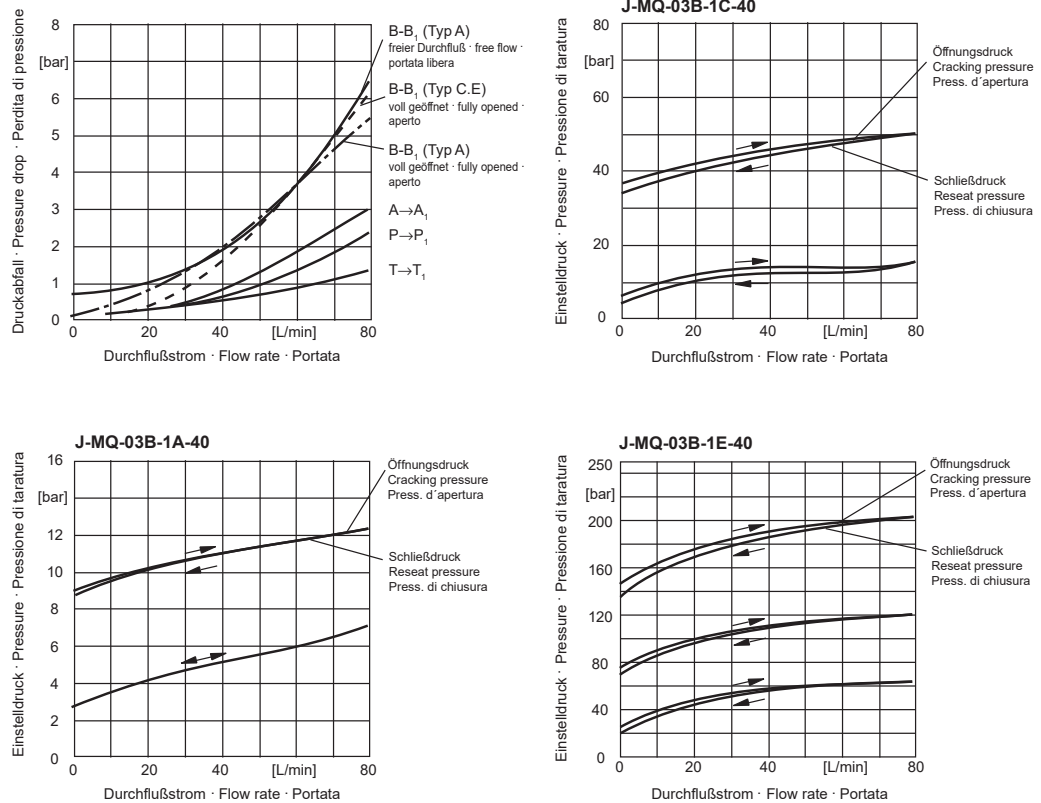


Bild / Fig. 3

Geräteabmessungen · Installation dimensions · Dimensioni

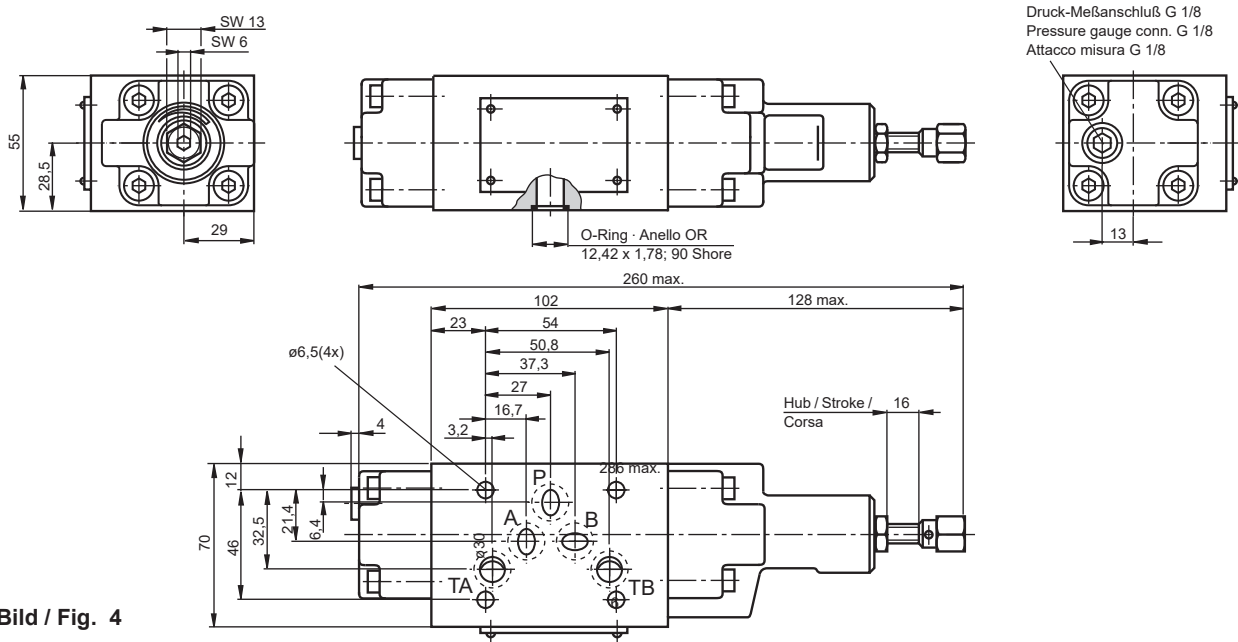


Bild / Fig. 4

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MT
Series J-MT
Serie J-MT

Drosselventil · Throttle valve · Strozzatore

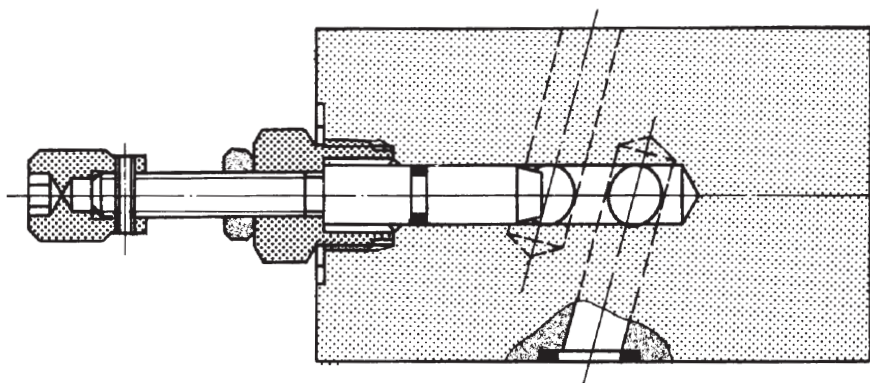


Bild / Fig. 1

Sinnbilder · Symbols · Simboli

	Drosselung in P Flow control in P Regolazione in P		
--	--	--	--

Bild / Fig. 2

Kenngrößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	2,3 kg 2,3 kg mit Handrad with handwheel con volantino
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar		
Max. Durchfluß Max. flow rate Portata max.	80 L/min		

Verdrehen der Verstellspindel im Uhrzeigersinn ist abnehmender Durchflußstrom. Verdrehen entgegen Uhrzeigersinn ist zunehmender Durchflußstrom.
Clockwise rotation of the adjusting screw or handwheel decreases flow rate and counter-clockwise rotation increases it.
La rotazione oraria della vite di regolazione o manopola riduce la portata e la rotazione anti-oraria la incrementa.

Typenschlüssel · Model code · Chiave di ordinazione

J - M T - 0 3 P - 4 0 - T				
Baureihe Series Serie	= J-MT			
Baugröße NG 10 Size CETOP 5 Grandezza	= 03			
Drosselung Flow control Regolazione portata in P	= P			
		Verstellung mit Werkzeug mit Handrad Adjustment with tool with handwheel Registrazione con utensile con volantino	= = ohne Angabe = T = = without instruction = T = = senza specifica = T	
		Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo	= 40	

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MT
Series J-MT
Serie J-MT

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determined $v = 32 \text{ mm}^2/\text{s}$ · rilevate $v = 32 \text{ mm}^2/\text{s}$

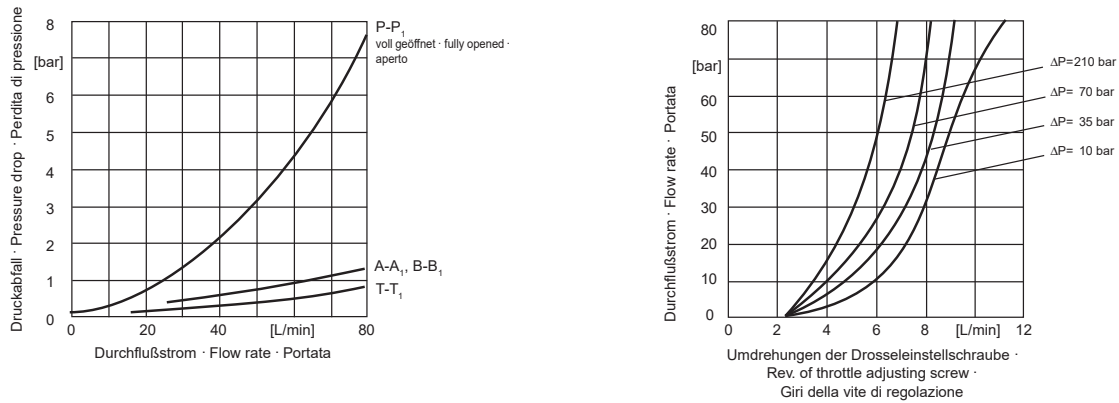


Bild / Fig. 3

Geräteabmessungen · Installation dimensions · Dimensioni

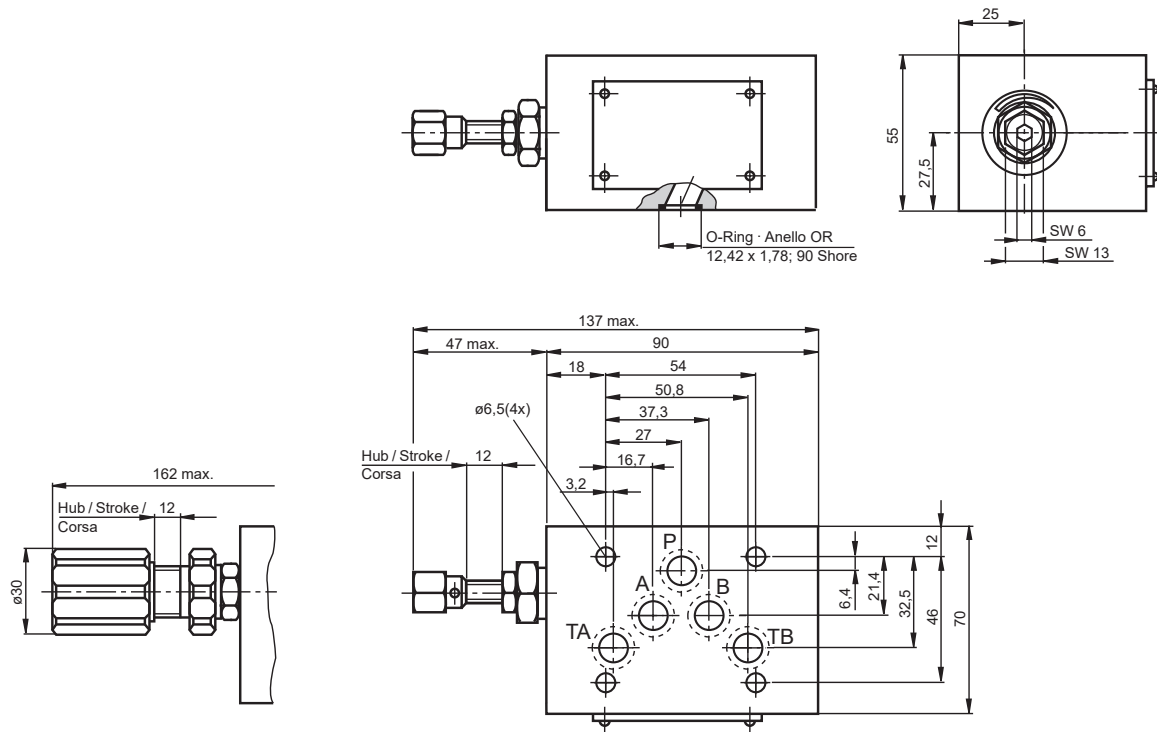


Bild / Fig. 4

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MT
Series J-MT
Serie J-MT

Drosselventil mit Umgehungsrückschlagventil · Throttle valve with free flow return check valve ·
Strozzatore con ritegno direzionale

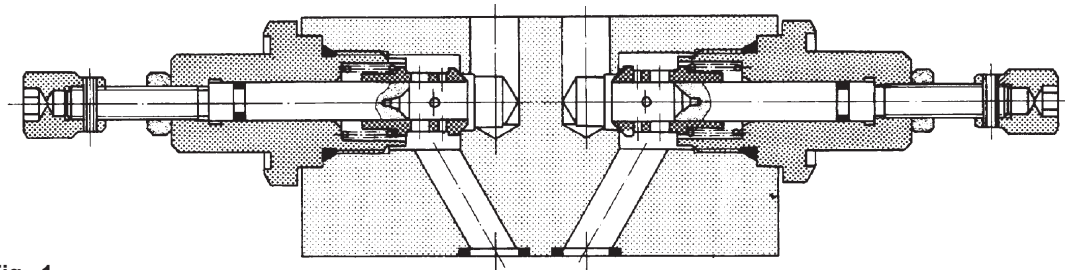


Bild / Fig. 1

Sinnbilder · Symbols · Simboli

	Ablaufdrosselung Meter-out flow control Regolazione in uscita		Zulaufdrosselung Meter-in flow control Regolazione in entrata
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Bild / Fig. 2

Kenngrößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	3,1 kg 3,1 kg mit Handrad with handwheel con volantino
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar	Öffnungsdruck-Rückschlagventil · Cracking pressure check valve · Press. d'apertura valvola di non ritorno	1 bar
Max. Durchfluß Max. flow rate Portata max.	80 L/min		

Verdrehen der Verstellspindel im Uhrzeigersinn ist abnehmender Durchflußstrom. Verdrehen entgegen Uhrzeigersinn ist zunehmender Durchflußstrom.
 Clockwise rotation of the adjusting screw or handwheel decreases flow rate and counter-clockwise rotation increases it.
 La rotazione oraria della vite di regolazione o manopola riduce la portata e la rotazione anti-oraria la incrementa.

Typenschlüssel · Model code · Chiave di ordinazione

J - M T - 0 3 W * - 4 0 - T							
Baureihe Series Serie	=	J-MT		Verstellung mit Werkzeug mit Handrad Adjustment with tool with handwheel	=	ohne Angabe = T	
Baugröße NG 10 = 03 Size CETOP 5 Grandezza				Registrazione con utensile con volantino	=	senza specifica = T	
Drosselung Flow control Regolazione portata in A+B = W oder WI in A+B = W or WI à A+B = W ... WI				Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo	=	40	

Zwischenplattenventil, NG 10 Multi-stack valve, size 5 Valvola modulare, grandezza 5

Baureihe J-MT
Series J-MT
Serie J-MT

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determined $v = 32 \text{ mm}^2/\text{s}$ · rilevate $v = 32 \text{ mm}^2/\text{s}$

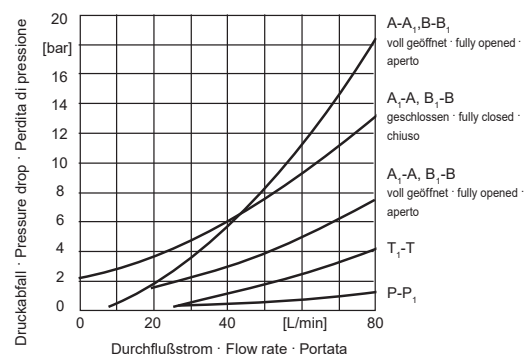
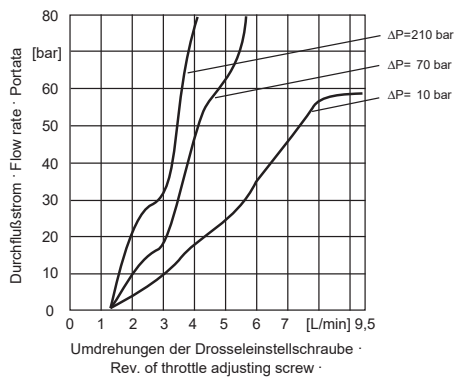


Bild / Fig. 3

Geräteabmessungen · Installation dimensions · Dimensioni

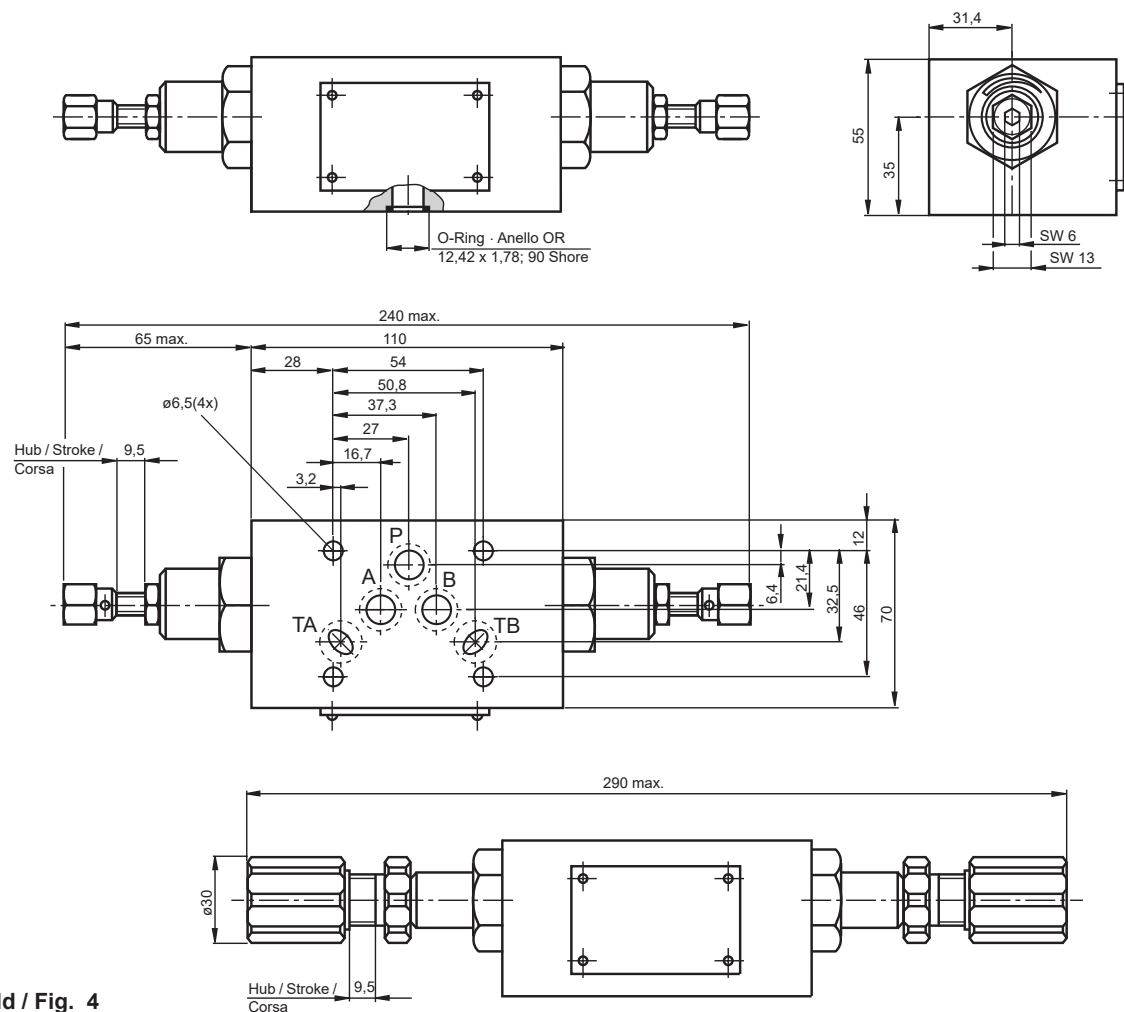


Bild / Fig. 4

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MC
Series J-MC
Serie J-MC

Rückschlagventil · Check valve · Ritegno

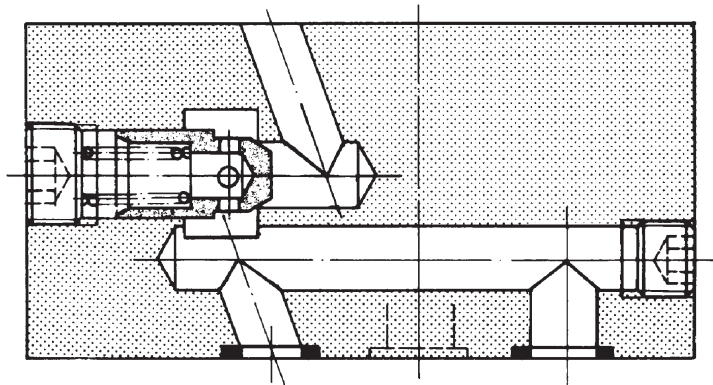


Bild / Fig. 1

Sinnbilder · Symbols · Simboli

	Gesperrt in P Blocking in P Blocco in P		Gesperrt in T Blocking in T Blocco in T
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Bild / Fig. 2

Kenngößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	2,1 kg J-MC-03 P 2,9 kg J-MC-03 T
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar		
Max. Durchfluß Max. flow rate Portata max.	80 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M C - 0 3 * - * 5 - 4 0					
Baureihe Series Serie		=	J-MC	Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo	
Baugröße Size Grandezza			NG 10 = 03 CETOP 5	Öffnungsdruck Cracking pressure Press. d'apertura	
Sperrung Blocking Blocco			in P = P in T = T		
				0,5 bar =	05
				4,5 bar =	45

Zwischenplattenventil, NG 10 Multi-stack valve, size 5 Valvola modulare, grandezza 5

Baureihe J-MC
Series J-MC
Serie J-MC

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determined $v = 32 \text{ mm}^2/\text{s}$ · rilevate $v = 32 \text{ mm}^2/\text{s}$

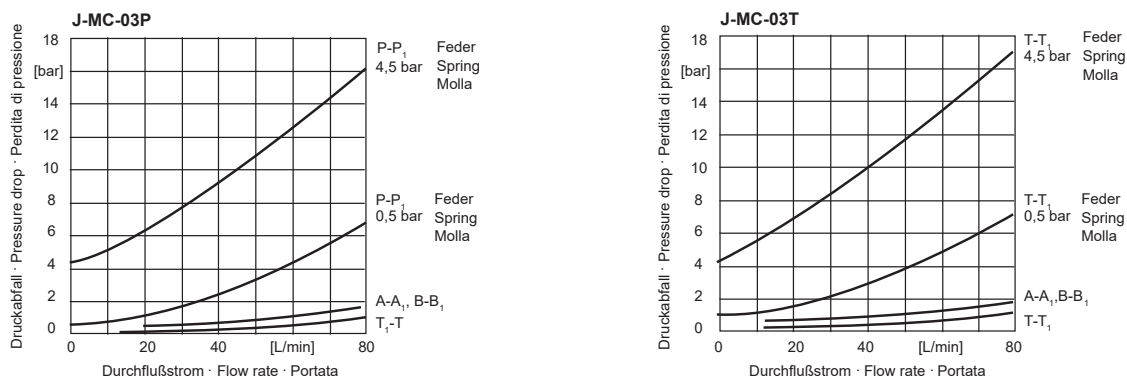


Bild / Fig. 3

Geräteabmessungen · Installation dimensions · Dimensioni

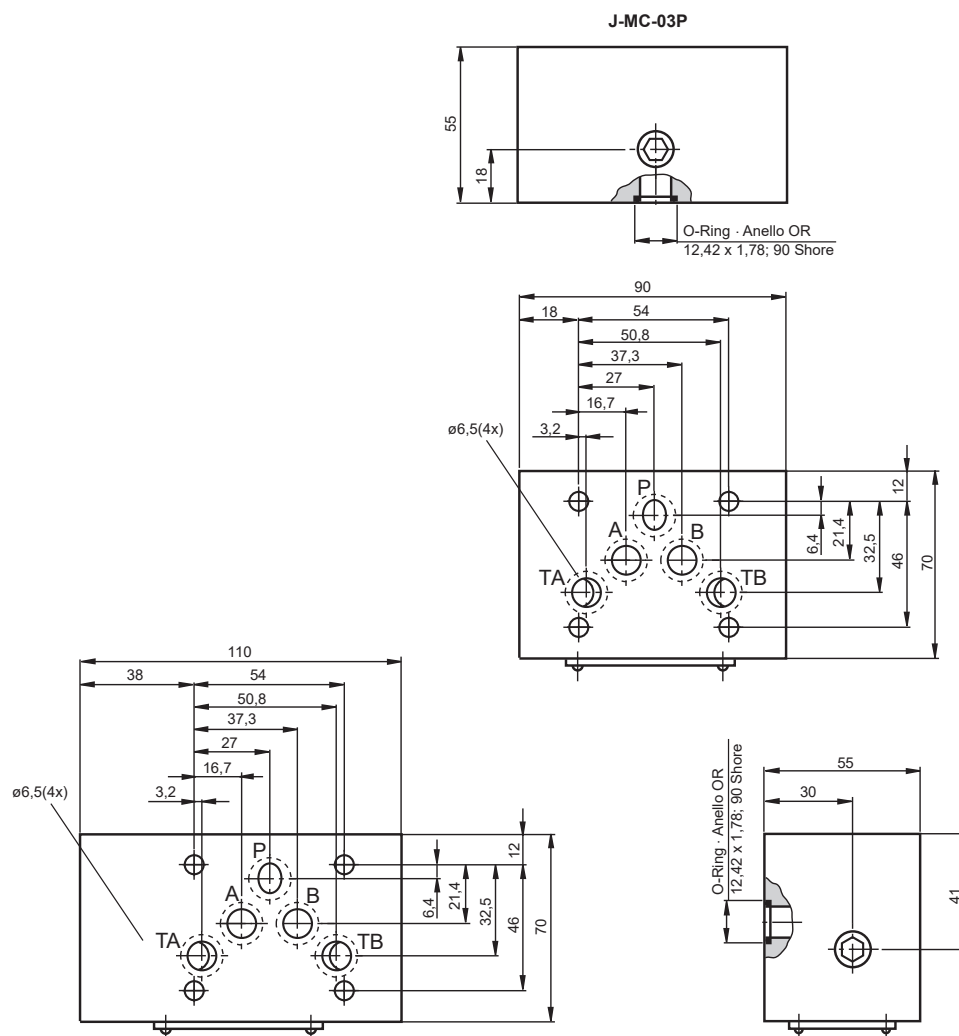


Bild / Fig. 4

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Baureihe J-MP
Series J-MP
Serie J-MP

Rückschlagventil, hydr. entsperrbar, mit Vorentlastung · Pilot operated check valve with decompression · Valvola di non ritorno sbloccabile idraulic. con decompressione

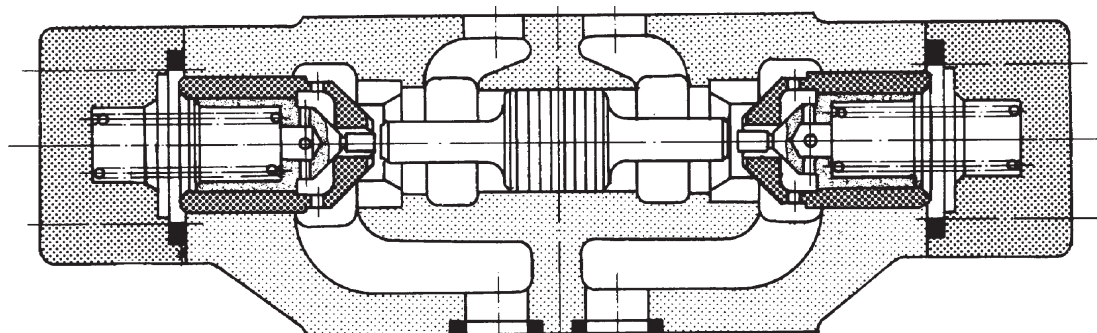


Bild / Fig. 1

Sinnbilder · Symbols · Simboli

Sperrung in · Blocking in · Blocco in B	Sperrung in · Blocking in · Blocco in A	Sperrung in · Blocking in · Blocco in A + B	

Bild / Fig. 2

Kenngrößen · Operating data · Dati caratteristici

Druckeinstellbereich Pressure adjustment range Campo di regolazione press.	siehe Typenschlüssel see model code vedi chiave di ordinazione	Gewicht Weight Peso	3,5 kg
Max. Betriebsdruck Max. operating pressure Press. di funzionamento max.	350 bar	Flächenverhältnis Steuerkolben zum Ventilsitz · Area of ratio · Rapporto aree tra pistone e sede a) Vorsteuerventil · Pilot valve · Valvola pilotata 13,7 : 1 b) Hauptventil · Main valve · Valvola principale 2,0 : 1	
Max. Durchfluß Max. flow rate Portata max.	80 L/min		

Typenschlüssel · Model code · Chiave di ordinazione

J - M P - 0 3 * - * 0 - 4 0					
Baureihe Series Serie	=	J-MP		Ausführungskennzeichen (Stand bei Druck) Design no. N° del tipo	= 40
Baugröße Size Grandezza	NG 10 = 03 CETOP 5			Öffnungsdruck Cracking pressure Press. d'apertura	2 bar = 20 5 bar = 50
Sperrung Blocking Blocco	in A = A in B = B in A+B = W				

Zwischenplattenventil, NG 10

Multi-stack valve, size 5

Valvola modulare, grandezza 5

Baureihe J-MP
Series J-MP
Serie J-MP

Kennlinien · Characteristics · Curve caratteristiche

ermittelt bei $v = 32 \text{ mm}^2/\text{s}$ · determined $v = 32 \text{ mm}^2/\text{s}$ · rilevate $v = 32 \text{ mm}^2/\text{s}$

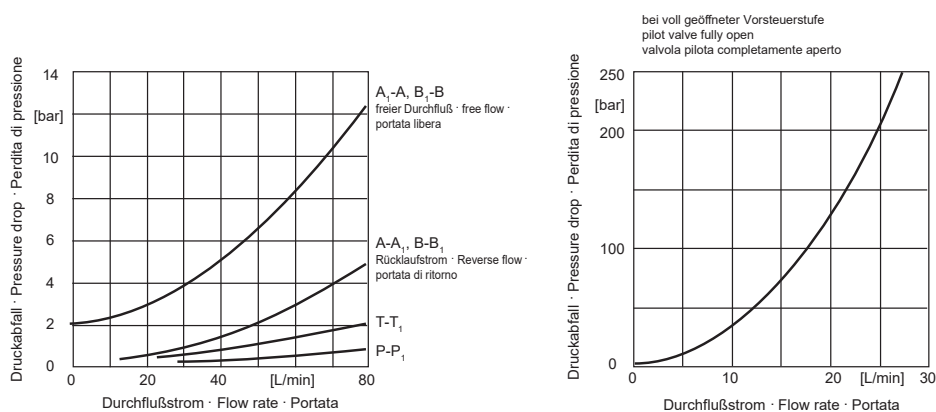


Bild / Fig. 3

Geräteabmessungen · Installation dimensions · Dimensioni

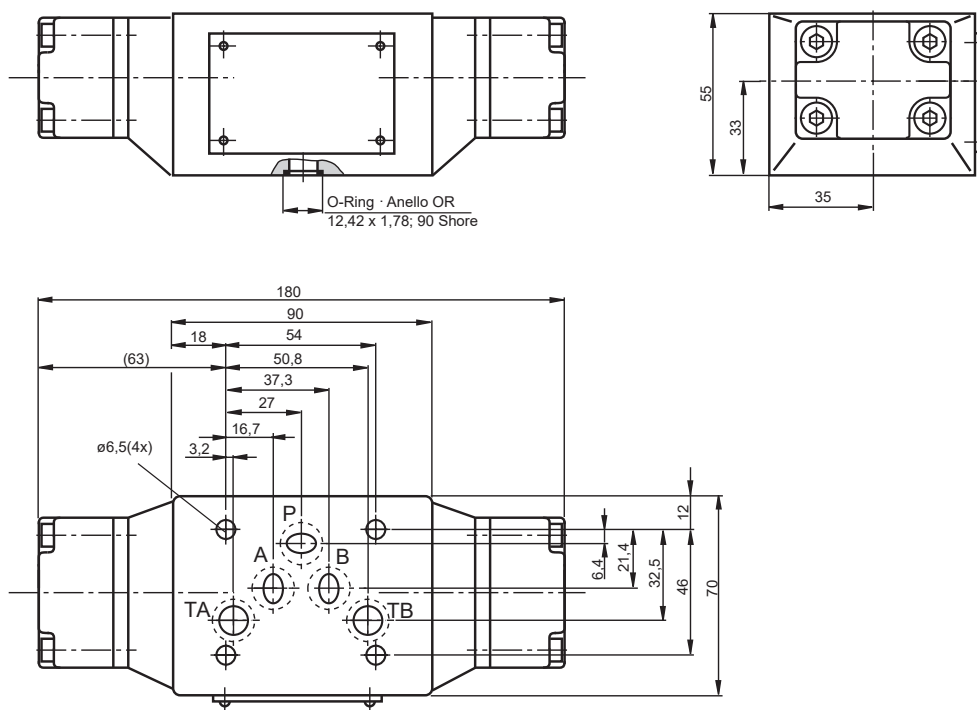


Bild / Fig. 4

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Zusatzplatten · Subplates · Piastre aggiuntive

Sinnbilder · Symbols · Simbolo

	Umlenkplatte Bypass block Piastra di adattamento		Abschlußplatte Cover block Piastra di chiusura
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Bild / Fig. 1

Kenngößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. Operating pressure Press. di funzionamento max.	250 bar
Max. Durchflußstrom Max. Flow Portata max.	80 l/min

Typenschlüssel · Model code · Chiave di ordinazione

Umlenkplatte Bypass block Piastra di adattamento	Abschlußplatte Cover block Piastra di chiusura
J-BE-03-40	J-BS-03-40

Geräteabmessungen · Installation dimensions · Dimensioni

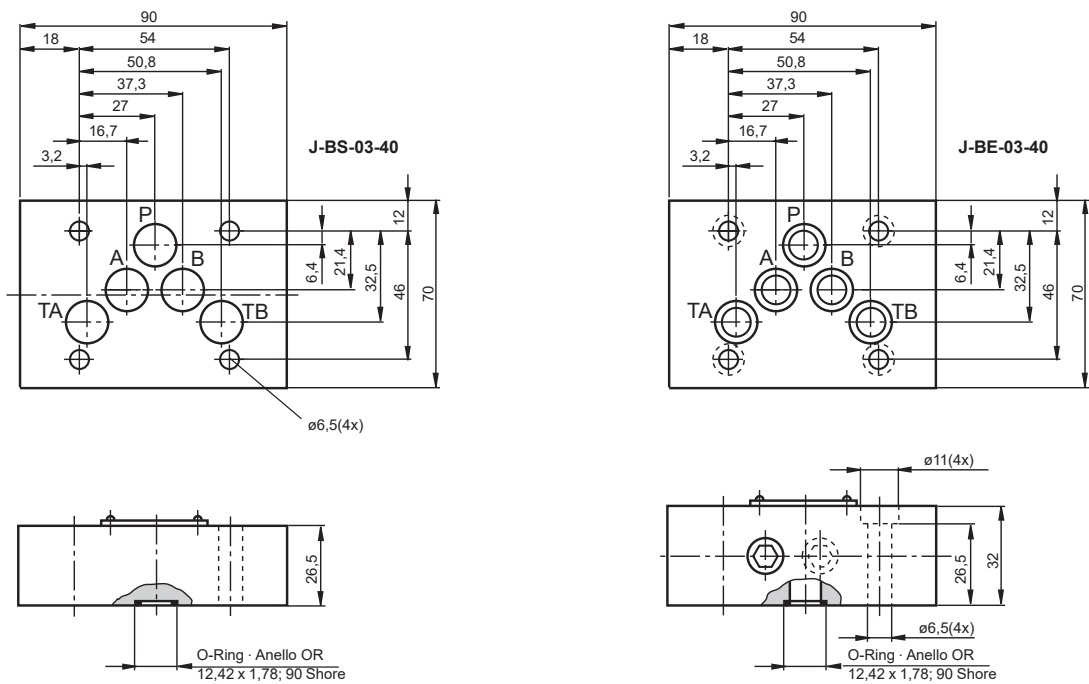


Bild / Fig. 2

Zwischenplattenventil, NG 10
Multi-stack valve, size 5
Valvola modulare, grandezza 5

Reihenanschlußplatten · Manifold plates · Piastre multiple

Sinnbilder · Symbols · Simboli

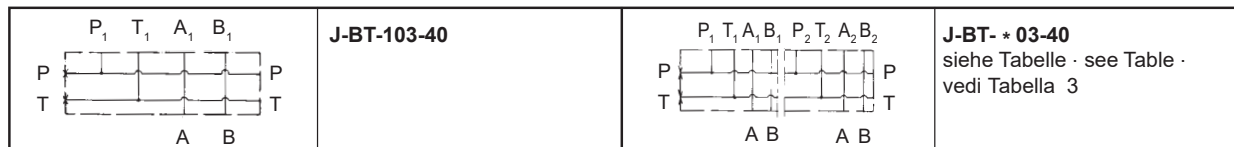


Bild / Fig. 1

Kenngrößen · Operating data · Dati caratteristici

Max. Betriebsdruck Max. Operating pressure Press. di funzionamento max.	250 bar
Max. Durchflußstrom Max. Flow Portata max.	80 l/min

Typenschlüssel · Model code · Chiave di ordinazione

Typenschlüssel Model code Chiave di ordinazione	Anzahl der Stationen No. of Stations N.° di stazioni	M	M1	L	Gewicht · Weight · Peso kg
J-BT-103-40	1	0	0	110	8,0
J-BT-203-40	2	75	75	185	13,5
J-BT-303-40	3	150	150	260	19,5
J-BT-403-40	4	225	225	335	26,0
J-BT-503-40	5	300	300	410	31,5
J-BT-603-40	6	375	375	485	37,5

Größere Abmessungen auf Anfrage · Other dimensions on inquiry · Altre dimensioni a richiesta

Geräteabmessungen · Installation dimensions · Dimensioni

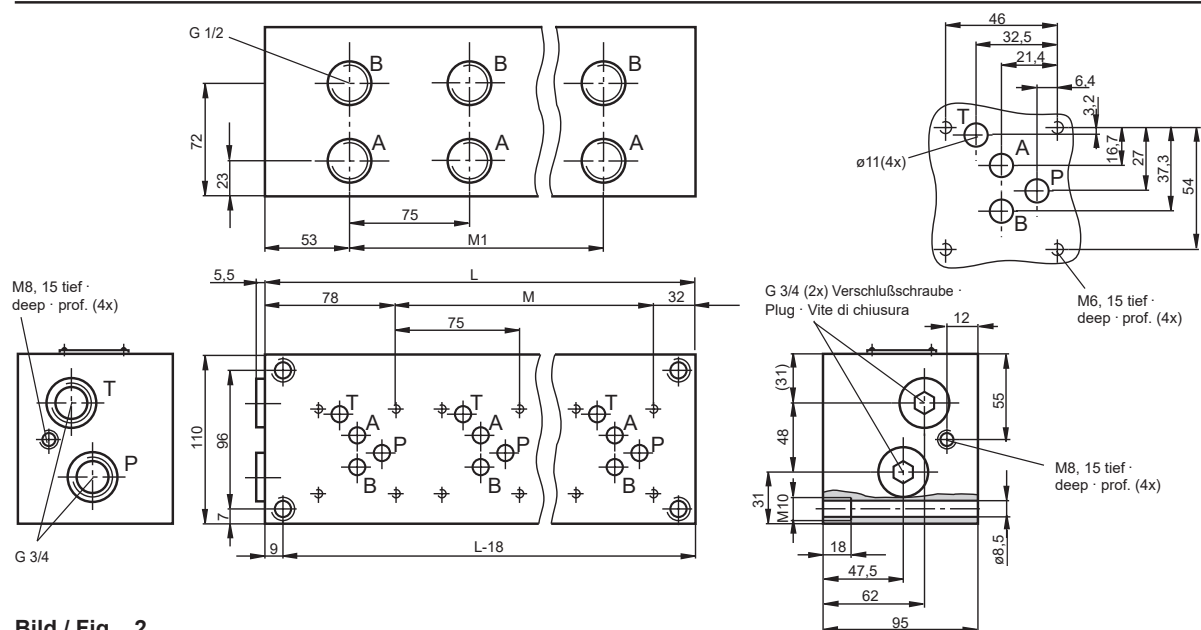


Bild / Fig. 2

Zwischenplattenventil, NG 10

Multi-stack valve, size 5

Valvola modulare, grandezza 5

Zubehör · Accessories · Accessori

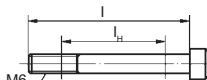
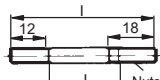
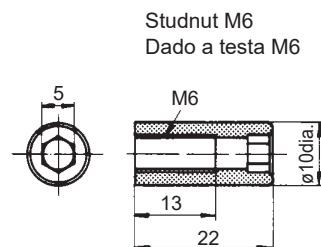
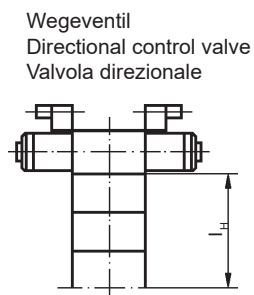
Innensechskantschraube Socket head bolt Vite a esagono interno			Gewindebolzen Stud bolt Bullone		
Benennung Name Descrizione	Bestell-Nr. Part-No. No. d'ordinaz.	l_H	Benennung Name Descrizione	Bestell-Nr. Part-No. No. d'ordinaz.	
M6 x 35 DIN 912 - 10.9	508 994	0	M6 x 50 - 10.9	743 799	
M6 x 95 DIN 912 - 10.9	742 411	55	M6 x 105 - 10.9	743 807	
M6 x 150 DIN 912 - 10.9	743 765	110	M6 x 160 - 10.9	743 815	
M6 x 205 DIN 912 - 10.9	743 773	165	M6 x 215 - 10.9	743 823	
M6 x 260 DIN 912 - 10.9	743 781	220	M6 x 270 - 10.9	743 831	

Bild / Fig. 1



Befestigungsschrauben: Ein Satz besteht aus 4 Stück
 Mounting bolts: 4 bolts are included as a set
 Viti di fissaggio: Un set consta di 4 pezzi

Gewindebolzen: In einem Satz sind 4 Gewindebolzen enthalten, Studnuten extra bestellen
 Stud bolts: In a set are 4 stud bolts included, please order stud nut separatly
 Bulloni: In un set sono compresi 4 bulloni dadi, si prega di ordinare dadi a testa separatamente

Anzugsmoment: 11 Nm bis 15 Nm
 Tightening torque: 11 Nm up to 15 Nm
 Coppia di serraggio: 11 Nm fino a 15 Nm

Techn. Änderungen vorbehalten
 Subject to technical changes
 Soggetto a variazioni senza preavviso

Zwischenplattenventil, NG 6 und 10
Multi-stack valve, size 3 and 5
Valvola modulare, grandezza 3 e 5

Notizen · Notes · Appunti

Lieferprogramm

SAUER BIBUS liefert ein komplettes Programm an Hydraulikkomponenten, von Regel-pumpen im offenen Kreislauf über Ventile bis hin zu kompletten hydrostatischen Antriebssystemen und Steuerungen für den Stationär- und Mobilmarkt.

SAUER BIBUS bietet Kunden und zukünftigen Kunden erfahrungsorientierte Ingenieurleistung von der Projektstudie bis zu Serienfertigung. Wir beraten Sie und lassen Sie von unseren Erfahrungen aus vielen Anwendungsfällen profitieren.

Sales Program

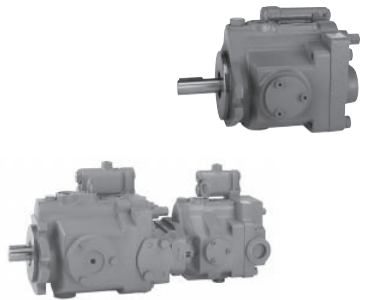
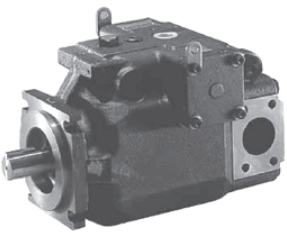
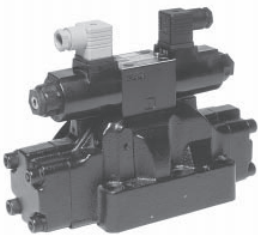
SAUER BIBUS furnishes a complete program of hydraulic components from valves and open circuit variable displacement pumps right up to complete hydrostatic drive systems and controls for stationary and mobile market.

SAUER BIBUS offers present and future customers engineering services based on sound experience, from project studies to serial production. We shall be glad to advise you and enable you to profit from our store of experience gained from countless applications.

Programma di vendita

La **SAUER BIBUS** è in grado di fornire un programma completo di componenti idraulici, dalle valvole e pompe in circuito aperto a cilindrata variabile fino ai controlli e ai sistemi completi per l'azionamento idrostatico per i mercati del Mobile e dell' Industriale.

La **SAUER BIBUS** offre ai clienti attuali e futuri un servizio tecnico basato su una solida esperienza, dalla progettazione alla produzione di serie. Saremo lieti di consigliarVi e di farVi trarre profitto dal nostro bagaglio di esperienza acquisito in innumerevoli applicazioni.

 Axialkolben-Verstellpumpen J-V / J-HV Variable Displacement Axial Piston Pumps J-V / J-HV Pompe variabili a pistoni assiali J-V / J-HV	 Axialkolben-Verstellpumpen J-VZ Variable Displacement Axial Piston Pumps J-VZ Pompe variabili a pistoni assiali J-VZ	 Rotorpumpen J-RP Rotor Pumps J-RP Roto Pompe J-RP
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