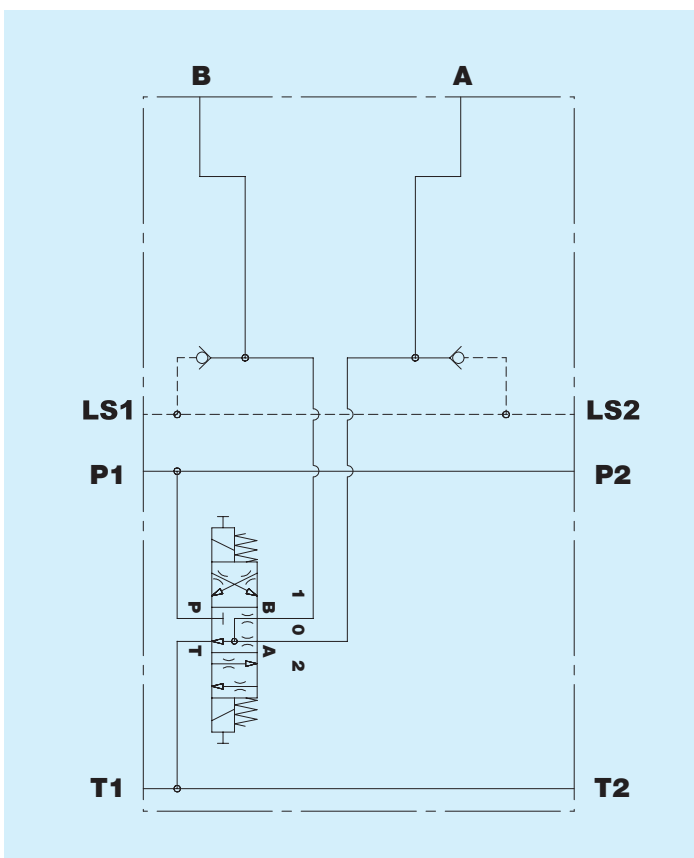


BW0511BO Elemento 4/3 ON-OFF con bocche superiori e segnale Load sensing
Interfaccia IBW0511

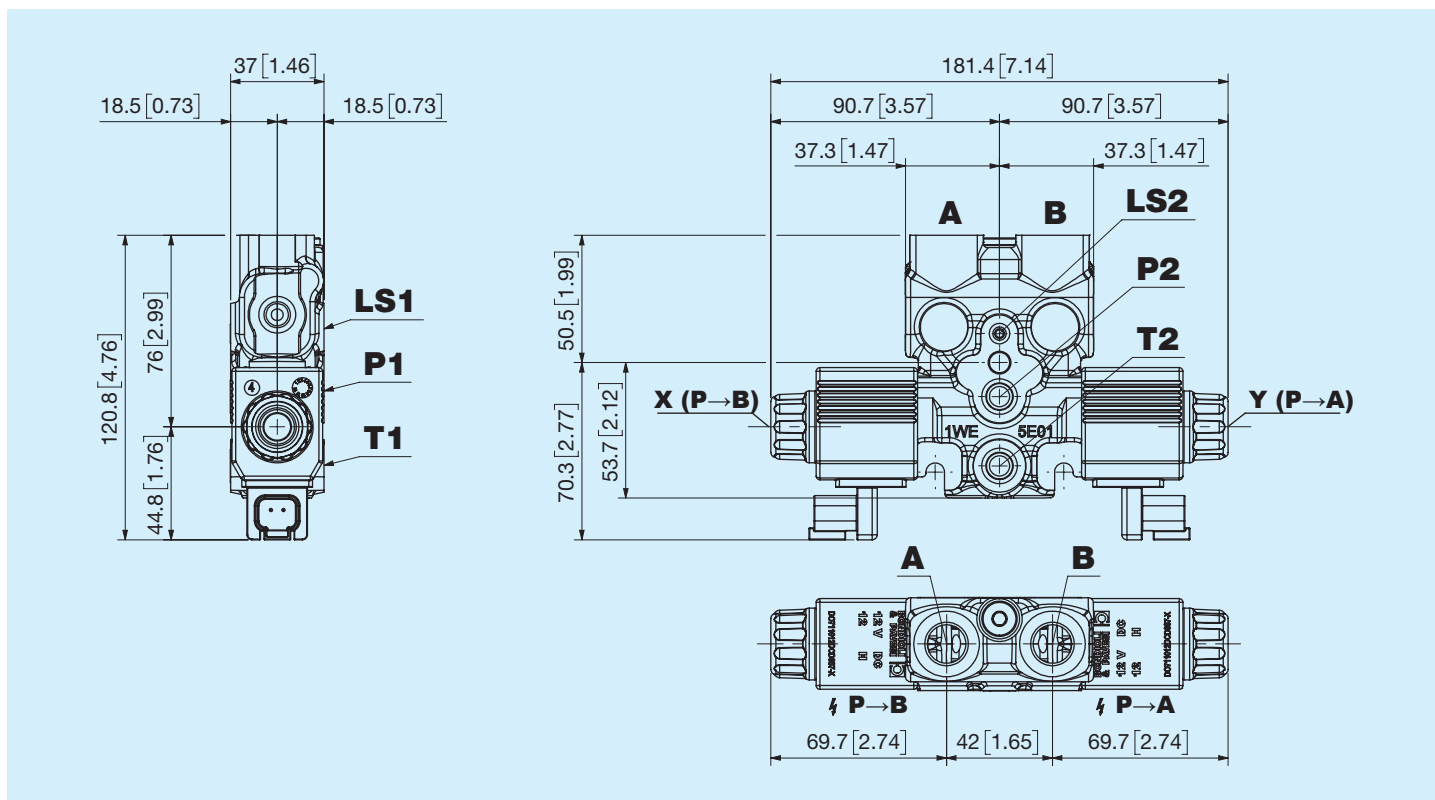


Prima di iniziare l'utilizzo leggere attentamente il documento ISTRUZIONI GENERALI D'IMPIEGO PER LE VALVOLE DI CONTROLLO DIREZIONALE

Portata nominale	39 l/min - $\Delta P=18$ bar 10,30 US gpm - $\Delta P=261$ psi
Pressione nominale	250 bar 3625 psi
Contropressione massima allo scarico	50 bar 725 psi
Temperatura di utilizzo	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Viscosità olio di esercizio	da 15 mm²/s a 90 mm²/s (15 cSt a 90 cSt)
Fluido	Fluidi idraulici definiti dalla norma ISO 6743-4
Massa	1,6 Kg 3,5 lb
Interfaccia	IBW0511

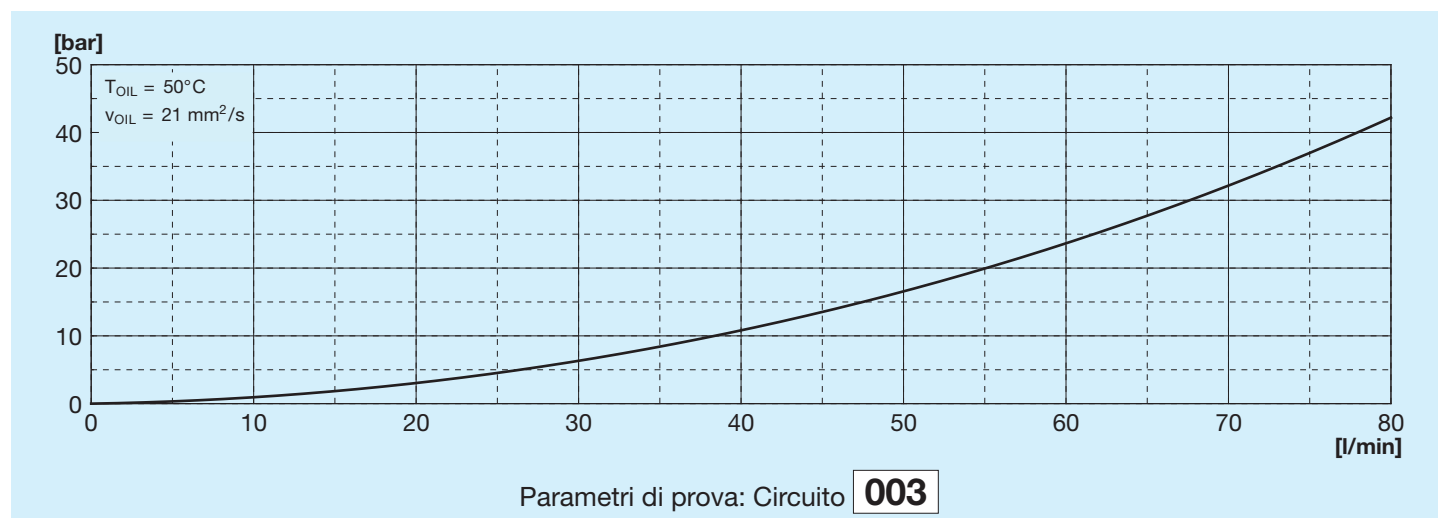


Dimensioni d'ingombro



X - Y = Emergenza manuale in spinta

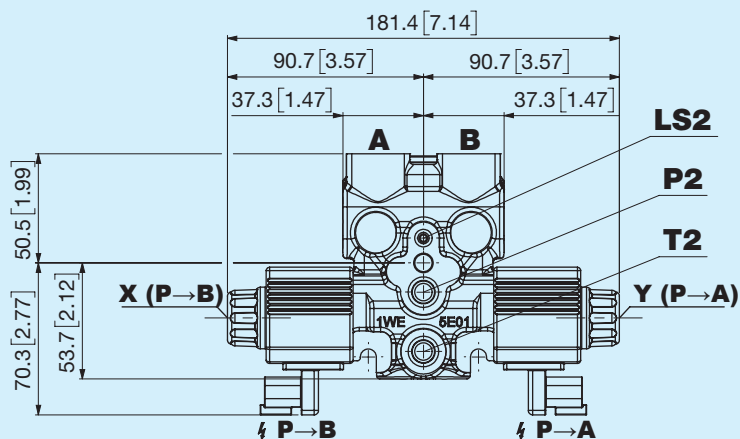
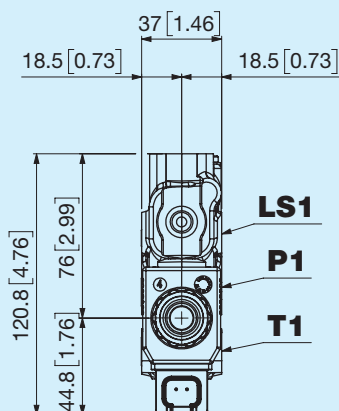
Curva caratteristica A/B-T



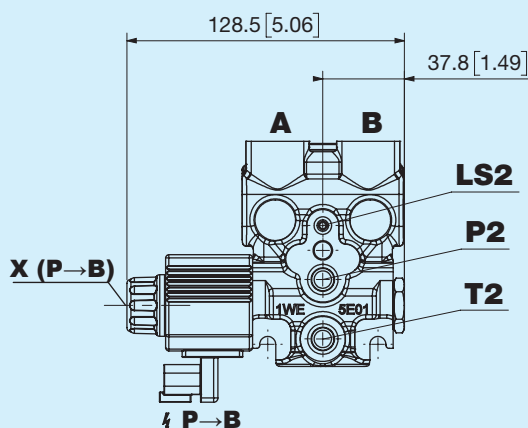
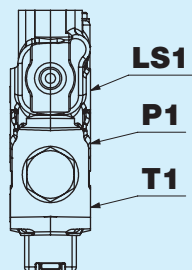
Caratteristiche elettriche bobine ON-OFF

Tensione	12	24	V ($\pm 10\%$)
Resistenza Cu 20°C	5,4	20,7	$\Omega (\pm 7\%)$
Corrente nominale	2,2	1,2	A
Potenza	26,5	27,8	W

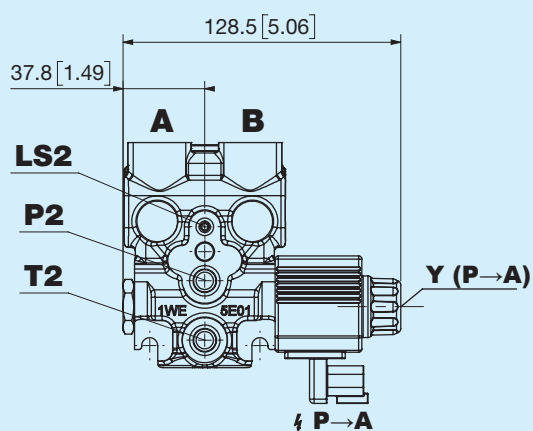
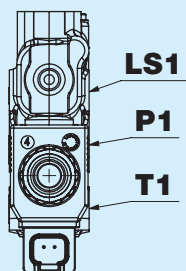
A Due bobine lato bocca A e B



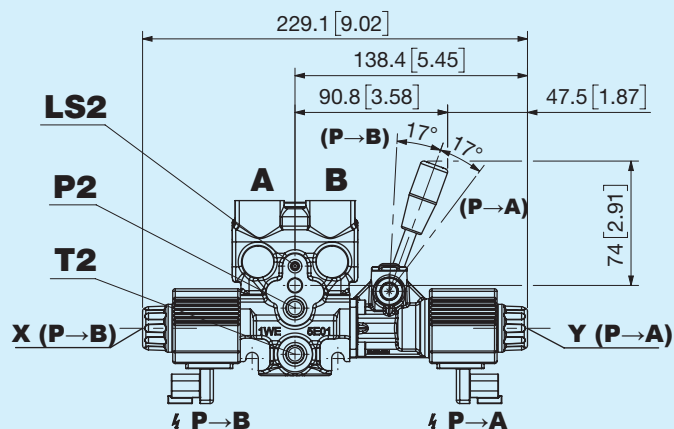
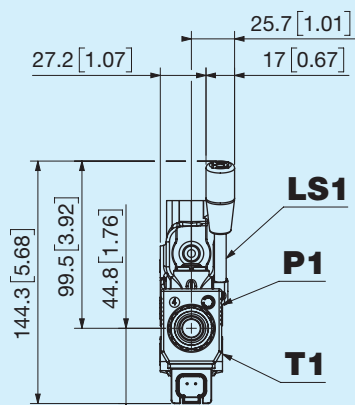
E Una bobina lato bocca A



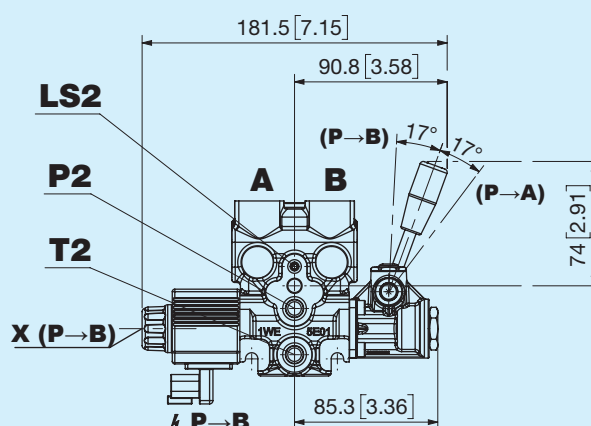
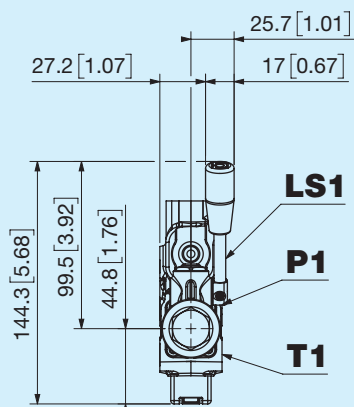
F Una bobina lato bocca B



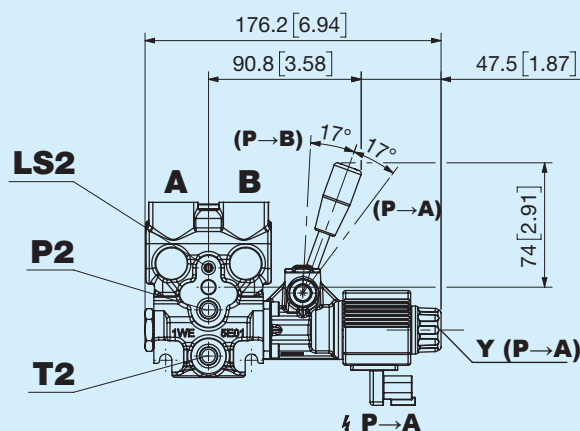
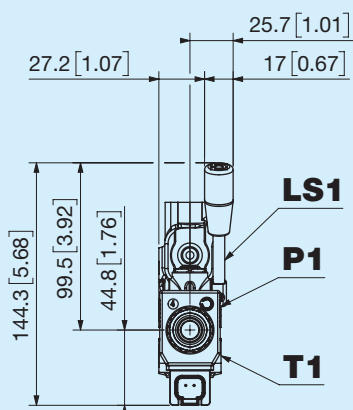
B Due bobine lato bocca A e B e leva di emergenza



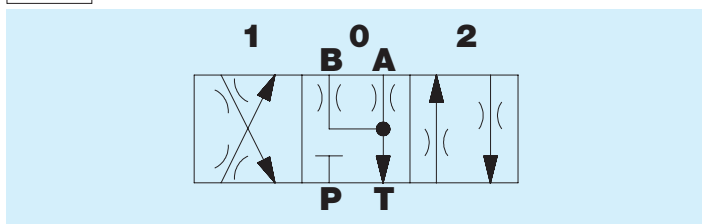
C Una bobina lato bocca A e leva di emergenza



D Una bobina lato bocca B e leva di emergenza



003 Circuito



Posizioni

1	0	2
P→A B→T	B,A→T P—	P→B A→T

Portata $\Delta P = 18$ bar

Codice	l/min	US gpm
0A	6,5	1,71
0B	10,5	2,77
0C	16	4,23
0D	18	4,75
0E	23	6,07
0F	28,5	7,53
0G	33,5	8,85
0H	39	10,30

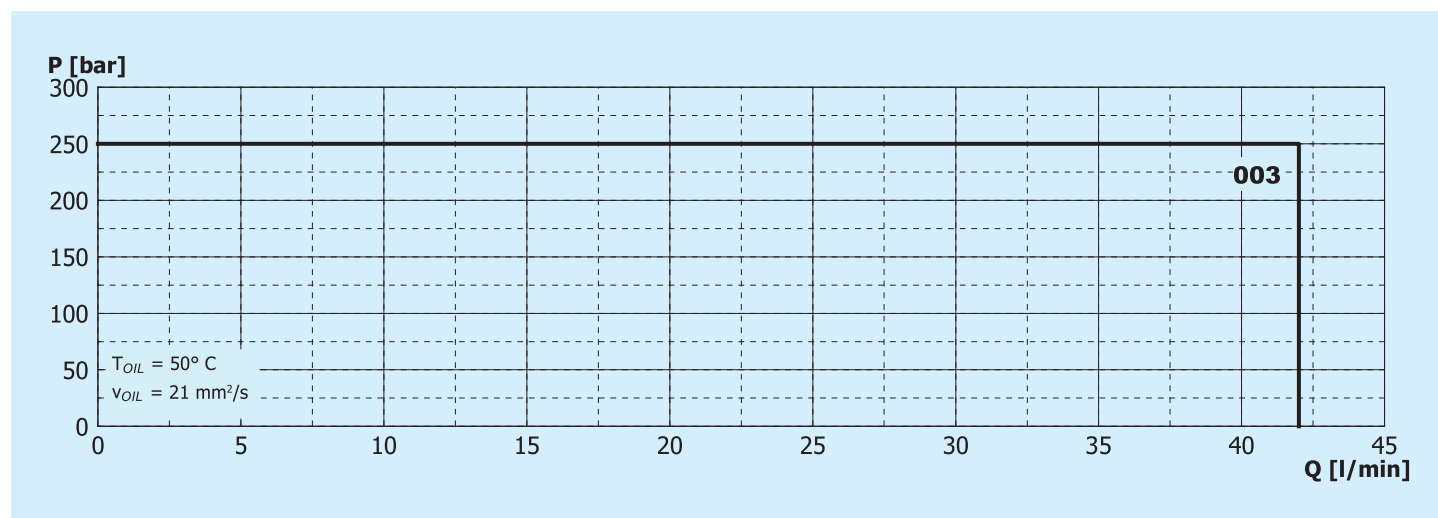
Portata $\Delta P = 20$ bar

Codice	l/min	US gpm
0A	7	1,85
0B	11	2,90
0C	17	4,49
0D	19	5,02
0E	24	6,34
0F	30,5	8,06
0G	35,5	9,38
0H	41	10,83

Portata $\Delta P = 25$ bar

Codice	l/min	US gpm
0A	7,5	1,98
0B	12,5	3,30
0C	19,5	5,15
0D	21,5	5,68
0E	28,5	7,53
0F	34,5	9,11
0G	40	10,57
0H	Non disponibile	Non disponibile

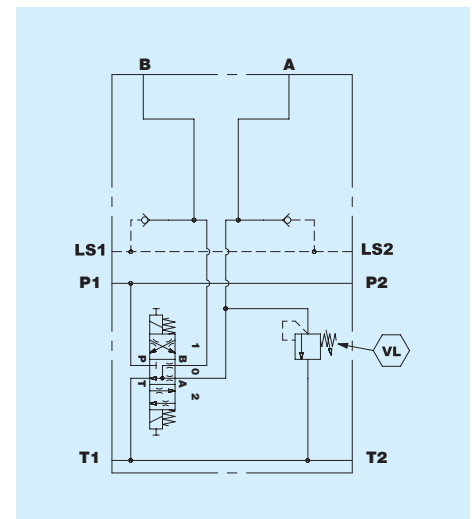
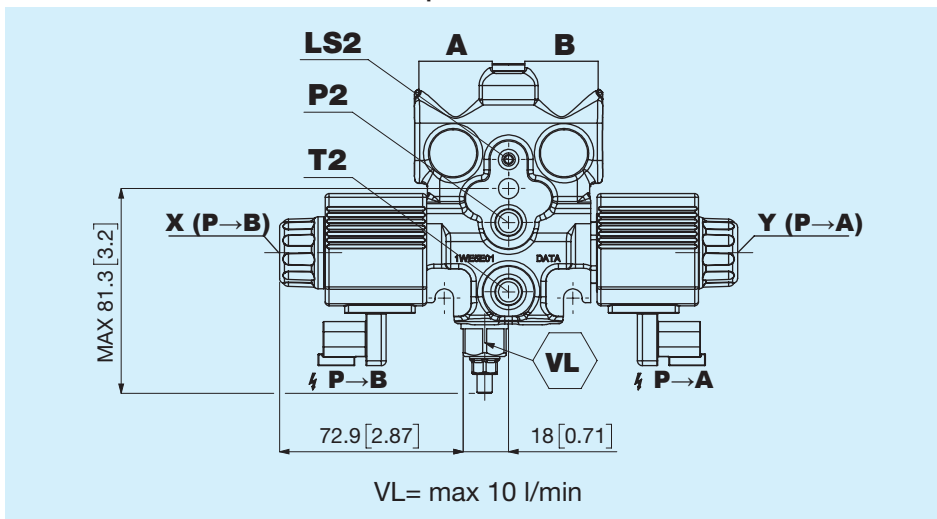
Limiti di impiego per circuito



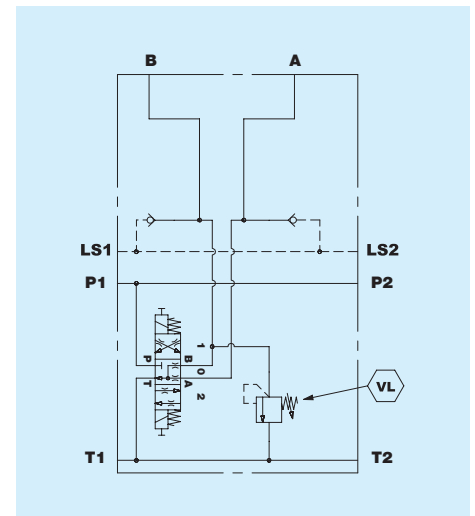
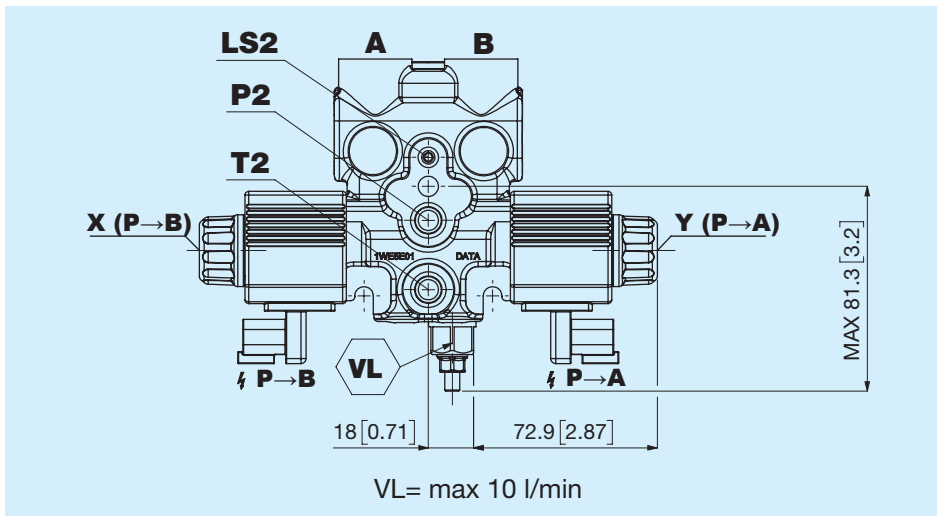
Filettatura bocche A e B

Codice	Tipo	Serraggio $\pm 10\%$ Nm
A	3/8" GAS ISO 1179	45
C	M18x1,5 ISO 9974	45
W	M18x1,5 ISO 6149	45
E	3/4" 16 SAE ISO 11926	45

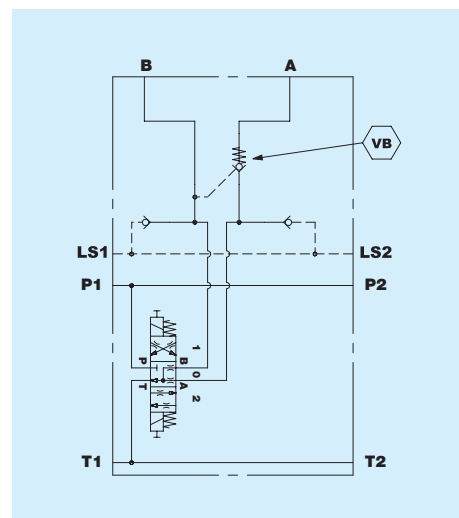
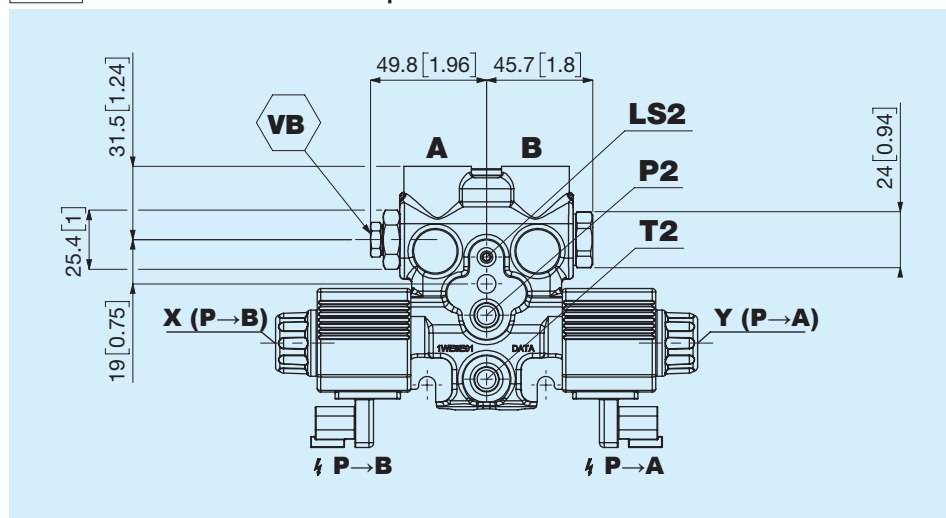
VL - Valvola limitatrice di pressione bocca A



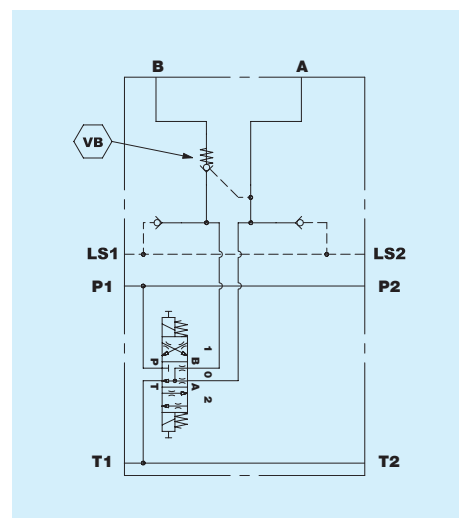
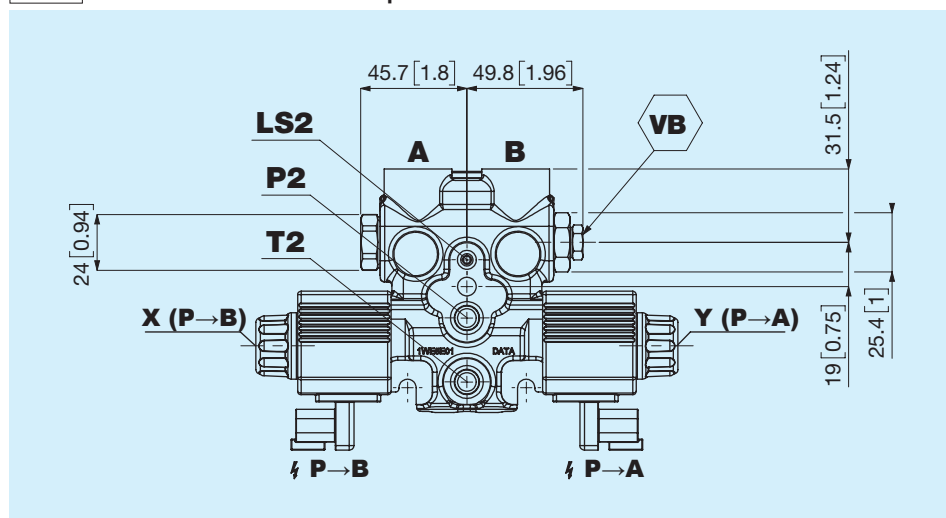
VL - Valvola limitatrice di pressione bocca B



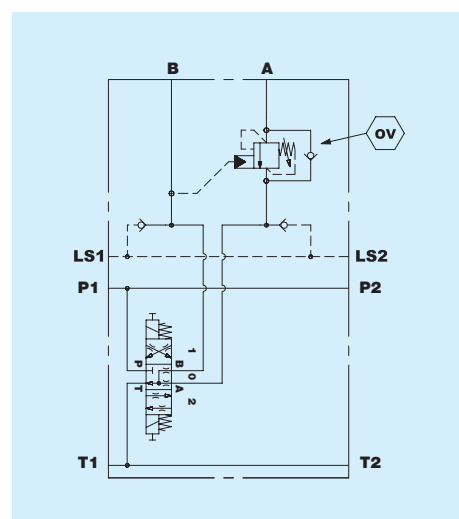
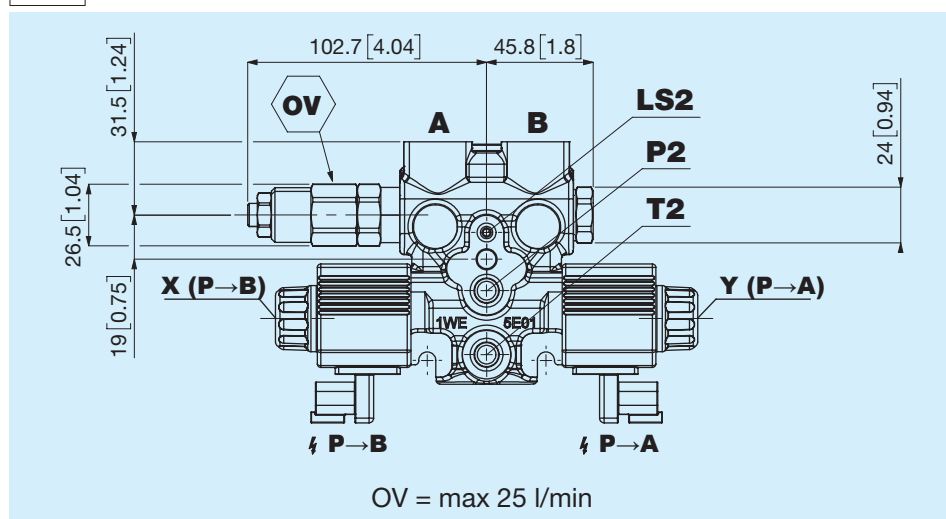
VB Valvola di blocco pilotata bocca A



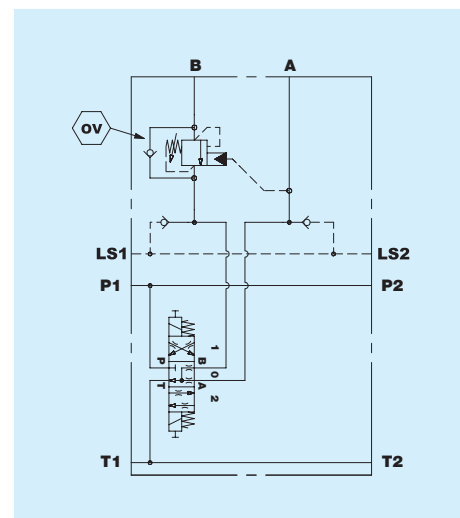
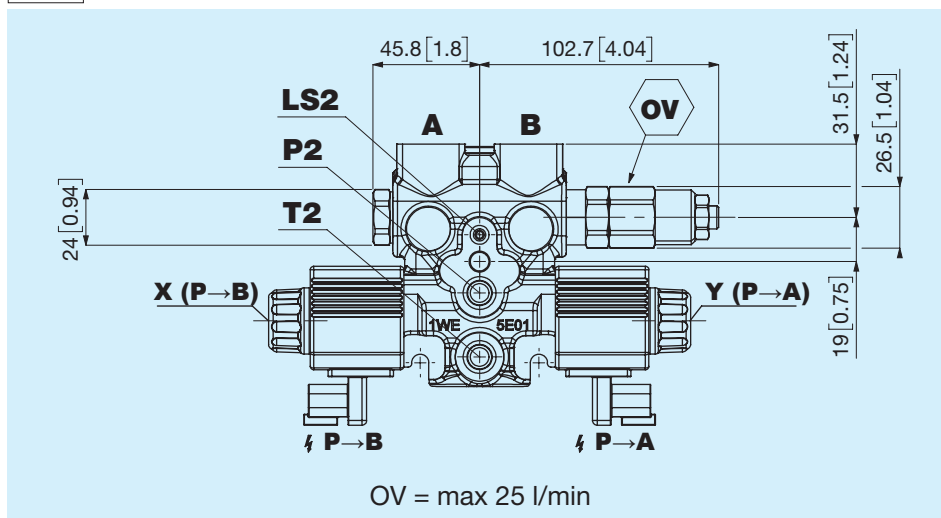
VB Valvola di blocco pilotata bocca B



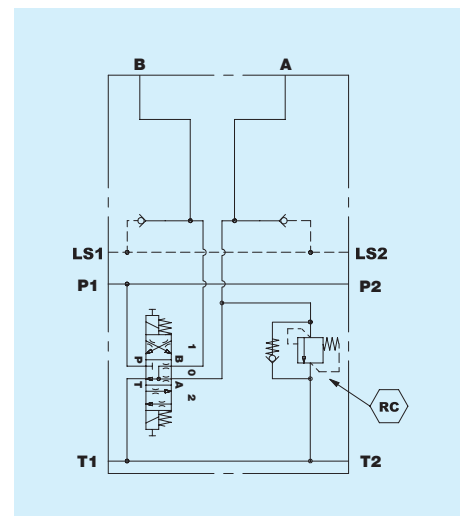
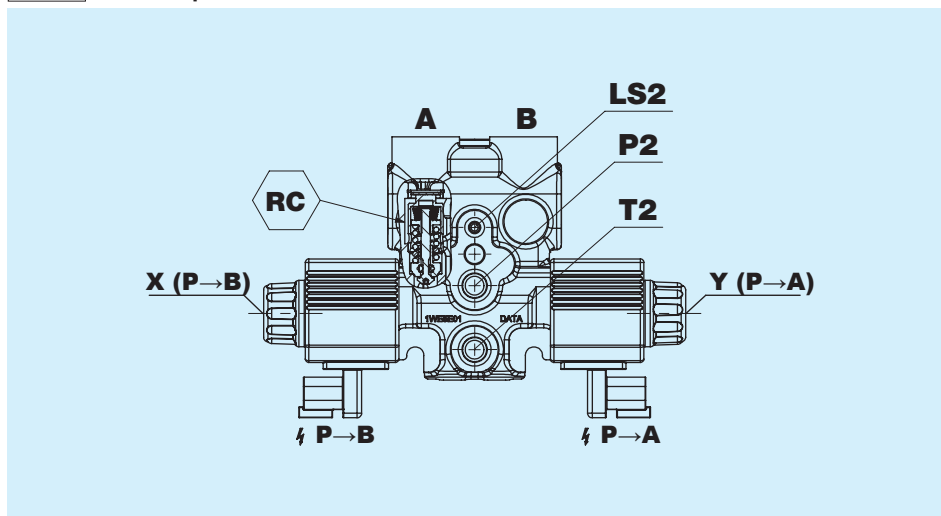
OV Over-center bocca A



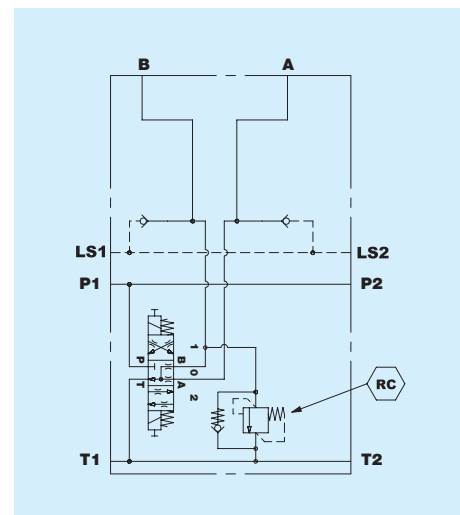
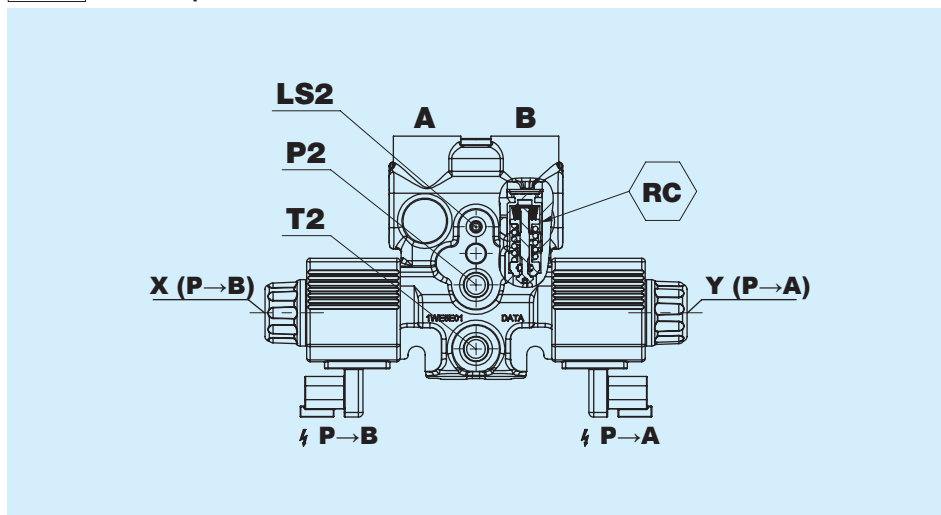
OV Over-center bocca B



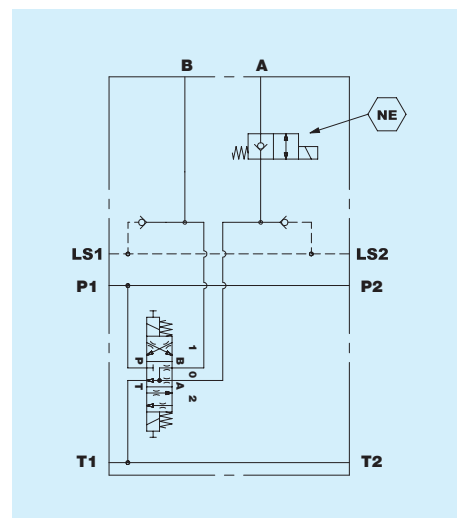
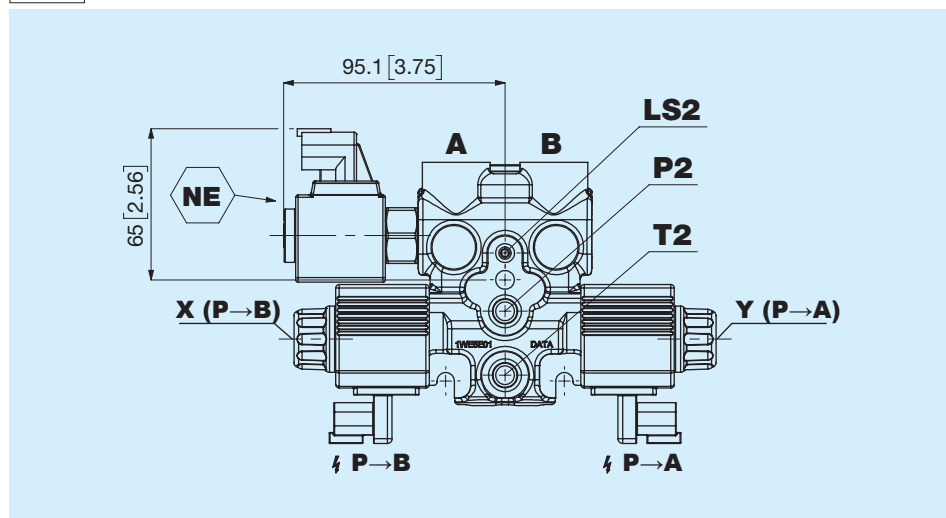
RC VL di pressione ed anticavitazione interna bocca A



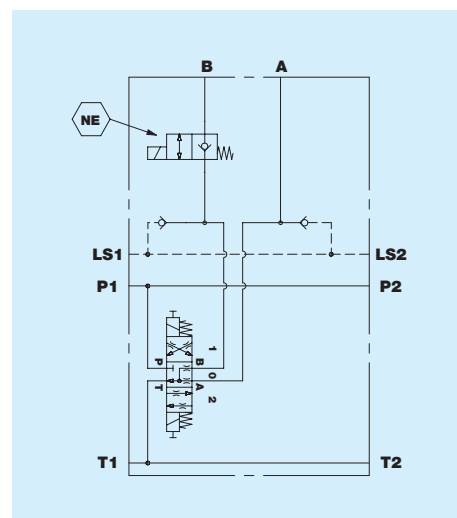
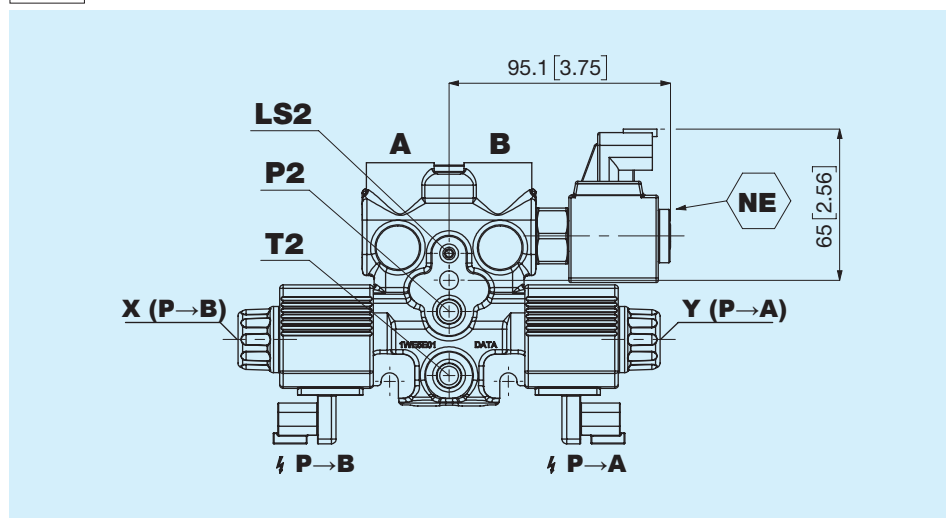
RC VL di pressione ed anticavitazione interna bocca B



NE Elettrovalvola 2/2 bocca A



NE Elettrovalvola 2/2 bocca B



Caratteristiche elettriche bobine Elettrovalvola 2/2

Tensione	12	24	V ($\pm 10\%$)
Resistenza Cu 20°C	7,7	19,4	$\Omega (\pm 7\%)$
Corrente nominale	1,55	1,24	A
Potenza	18,6	30	W

Possibili combinazioni valvola bocca A e B

Bocca A	Bocca B					
	NN	VL	VB	NE	OV	RC
NN	•	•	•	•	•	•
VL	•	•	•	•	•	
VB	•	•	•			
NE	•	•		•		•
OV	•	•			•	
RC	•			•		•

NN Nessuna

VL Valvola limitatrice di pressione

VB Valvola di blocco pilotata

NE Elettrovalvola 2/2

OV Over-center

RC Valvola limitatrice di pressione ed anticavitazione interna

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BW0511BO																	

1	Configurazioni																		
	A	Due bobine lato bocca A e B			F	Una bobina lato bocca B			C	Una bobina lato bocca A e leva di emergenza									
	E	Una bobina lato bocca A			B	Due bobine lato bocca A e B e leva di emergenza			D	Una bobina lato bocca B e leva di emergenza									
2	3	4	Circuiti																
			003 Circuito																
5	6	Portata $\Delta P = 18$ bar																	
	0A	6,5 l/min - 1,71 US gpm			0C	16 l/min - 4,23 US gpm			0E	23 l/min - 6,07 US gpm			0G	33,5 l/min - 8,85 US gpm					
	0B	10,5 l/min - 2,77 US gpm			0D	18 l/min - 4,75 US gpm			0F	28,5 l/min - 7,53 US gpm			0H	39 l/min - 10,30 US gpm					
7	Filettatura bocche A e B																		
	A	3/8" GAS ISO 1179				C	M18x1,5 ISO 9974				W	M18x1,5 ISO 6149				E	3/4" 16 SAE ISO 11926		
8	9	VL Valvola limitatrice di pressione sottoubicata bocca A																	
	NN	Nessuna				09	VL 90 bar				15	VL 150 bar				21	VL 210 bar		
	04	VL 40 bar				10	VL 100 bar				16	VL 160 bar				22	VL 220 bar		
	05	VL 50 bar				11	VL 110 bar				17	VL 170 bar				23	VL 230 bar		
	06	VL 60 bar				12	VL 120 bar				18	VL 180 bar							
	07	VL 70 bar				13	VL 130 bar				19	VL 190 bar							
	08	VL 80 bar				14	VL 140 bar				20	VL 200 bar							
10	11	VL Valvola limitatrice di pressione sottoubicata bocca B																	
	NN	Nessuna				09	VL 90 bar				15	VL 150 bar				21	VL 210 bar		
	04	VL 40 bar				10	VL 100 bar				16	VL 160 bar				22	VL 220 bar		
	05	VL 50 bar				11	VL 110 bar				17	VL 170 bar				23	VL 230 bar		
	06	VL 60 bar				12	VL 120 bar				18	VL 180 bar							
	07	VL 70 bar				13	VL 130 bar				19	VL 190 bar							
	08	VL 80 bar				14	VL 140 bar				20	VL 200 bar							
12	13	Tipo di valvola bocca A																	
	NN	Nessuna				NE	Elettrovalvola 2/2				RC	Valvola limitatrice di pressione ed anticavitazione interna							
	VB	Valvola di blocco pilotata				OV	Over-center												
14	15	Pressione di taratura OV/RC bocca A																	
	NN	Nessuna				08	80 bar				14	140 bar				20	200 bar		
	03	30 bar				09	90 bar				15	150 bar				21	210 bar		
	04	40 bar				10	100 bar				16	160 bar				22	220 bar		
	05	50 bar				11	110 bar				17	170 bar				23	230 bar		
	06	60 bar				12	120 bar				18	180 bar				24	240 bar		
	07	70 bar				13	130 bar				19	190 bar				25	250 bar		
16	17	Tipo di valvola bocca B																	
	NN	Nessuna				NE	Elettrovalvola 2/2				RC	Valvola limitatrice di pressione ed anticavitazione interna							
	VB	Valvola di blocco pilotata				OV	Over-center												

18	19	20	21

18	19

Pressione di taratura OV/RC bocca B

NN Nessuna	08 80 bar	14 140 bar	20 200 bar
03 30 bar	09 90 bar	15 150 bar	21 210 bar
04 40 bar	10 100 bar	16 160 bar	22 220 bar
05 50 bar	11 110 bar	17 170 bar	23 230 bar
06 60 bar	12 120 bar	18 180 bar	24 240 bar
07 70 bar	13 130 bar	19 190 bar	25 250 bar

20

Tensione e connettore

A 12V DIN 43650	B 24V DIN 43650	G 12V DEUTSCH DT04-2P	H 24V DEUTSCH DT04-2P
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Trattamento esterno

N Nessuno	Z Zincatura
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