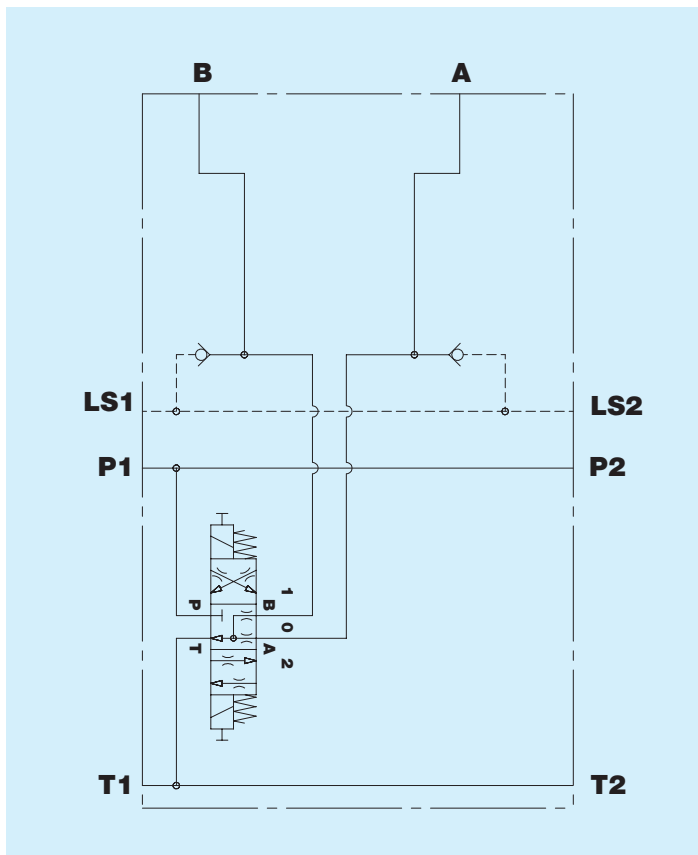


BW0511BO - Elemento 4/3 ON - OFF con Bocche superiori con segnale Load sensing
Interfaccia IBW0511

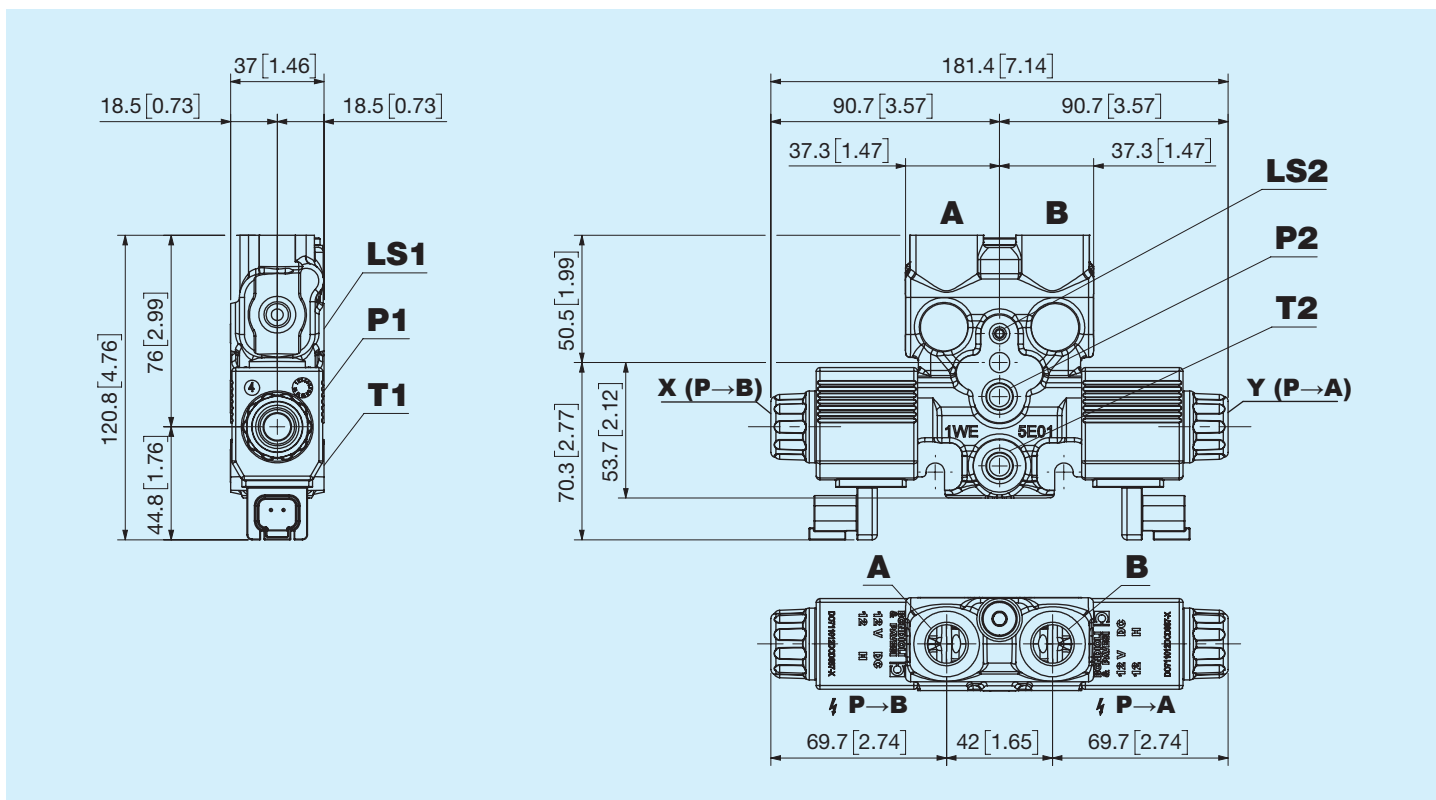


Prima di iniziare l'utilizzo leggere attentamente il documento ISTRUZIONI GENERALI D'IMPIEGO PER LE VALVOLE DI CONTROLLO DIREZIONALE

Portata nominale	42 l/min - $\Delta P=18$ bar 11,1 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 mm ² /s a 90 mm ² /s (15 cSt a 90 cSt)
Fluido	Fluidi idraulici definiti dalla norma ISO 6743-4
Massa	1,6 Kg 3,5 lb
Interfaccia	IBW0511

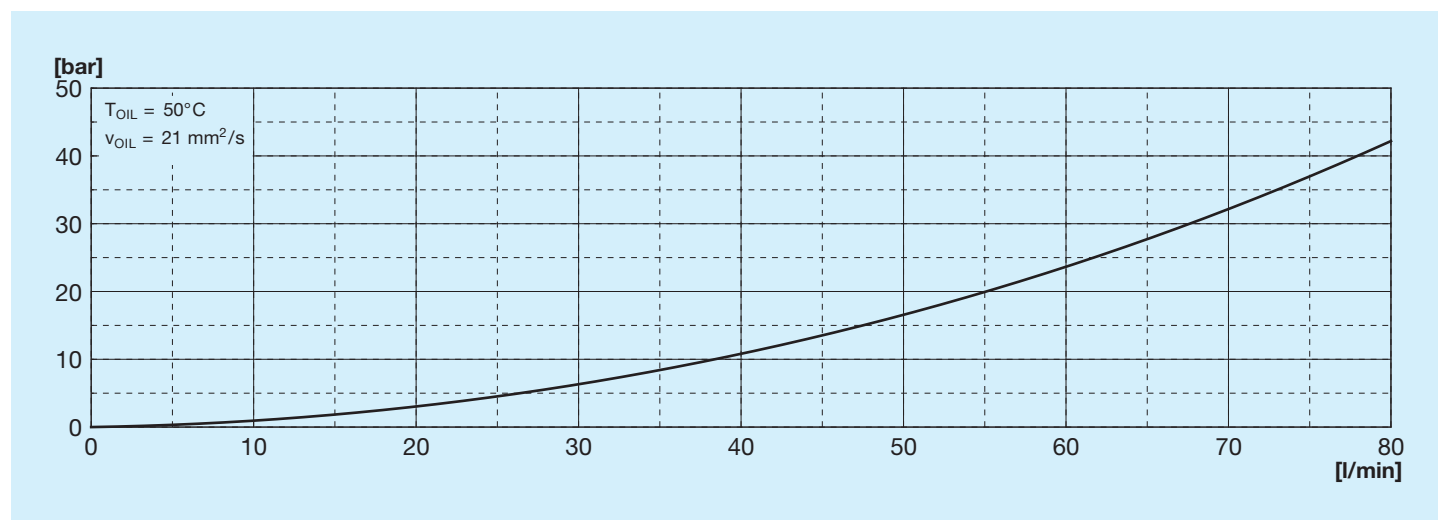


Dimensioni d'ingombro

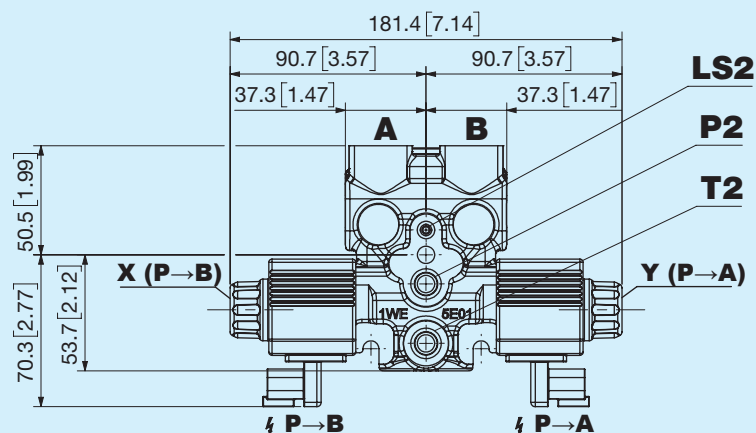
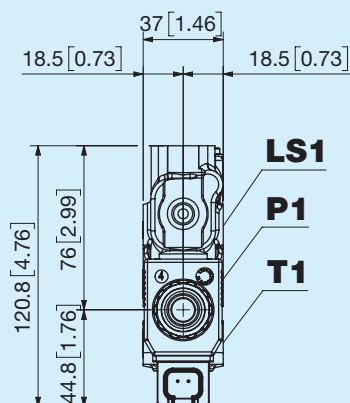


X - Y = Emergenza manuale in spinta

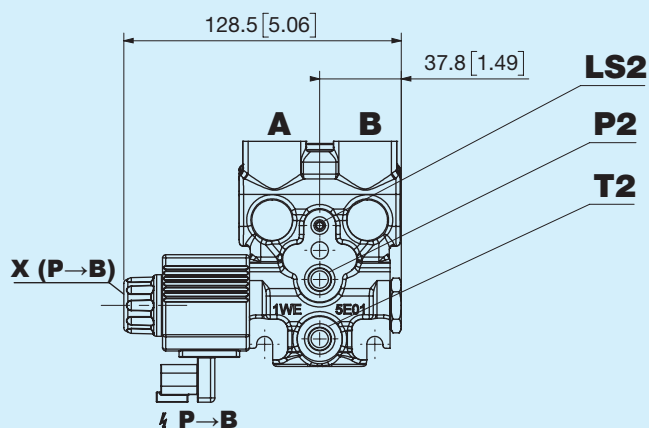
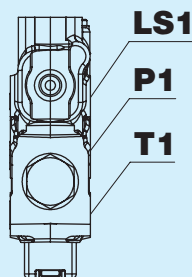
Curva caratteristica A/B-T



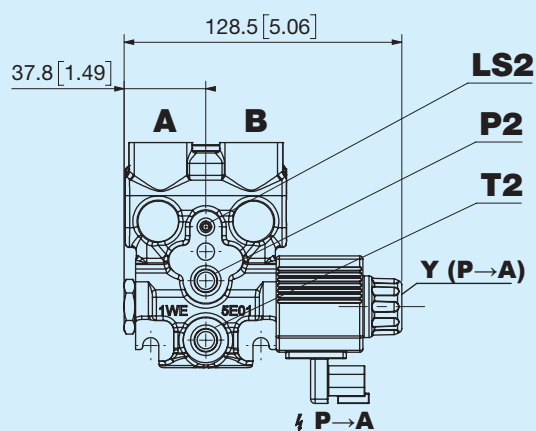
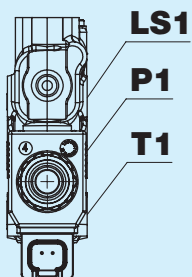
A Due bobine lato bocca A e B



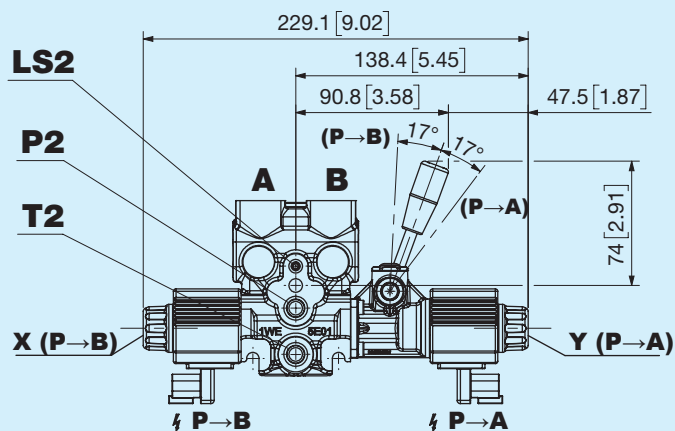
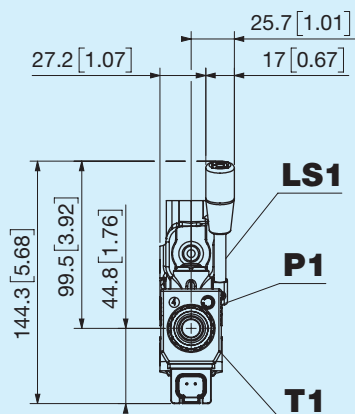
E Una bobina lato bocca A



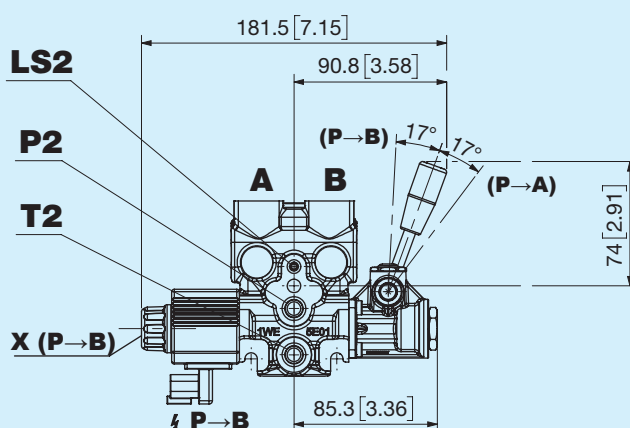
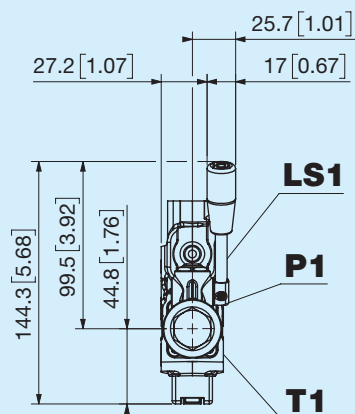
F Una bobina lato bocca B



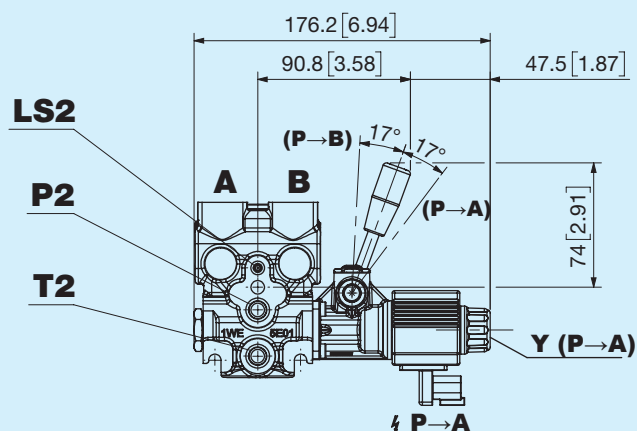
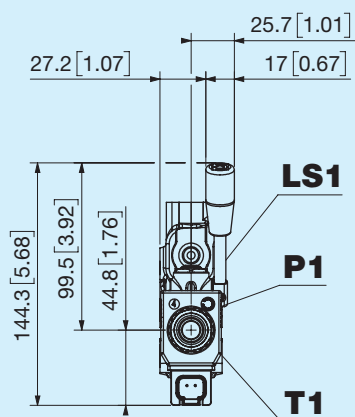
B Due bobine lato bocca A e B e leva di emergenza



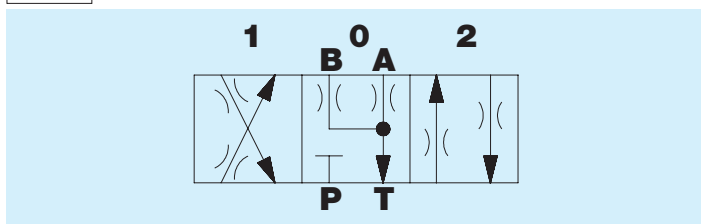
C Una bobina lato bocca A e leva di emergenza



D Una bobina lato bocca B e leva di emergenza



003 Circuito



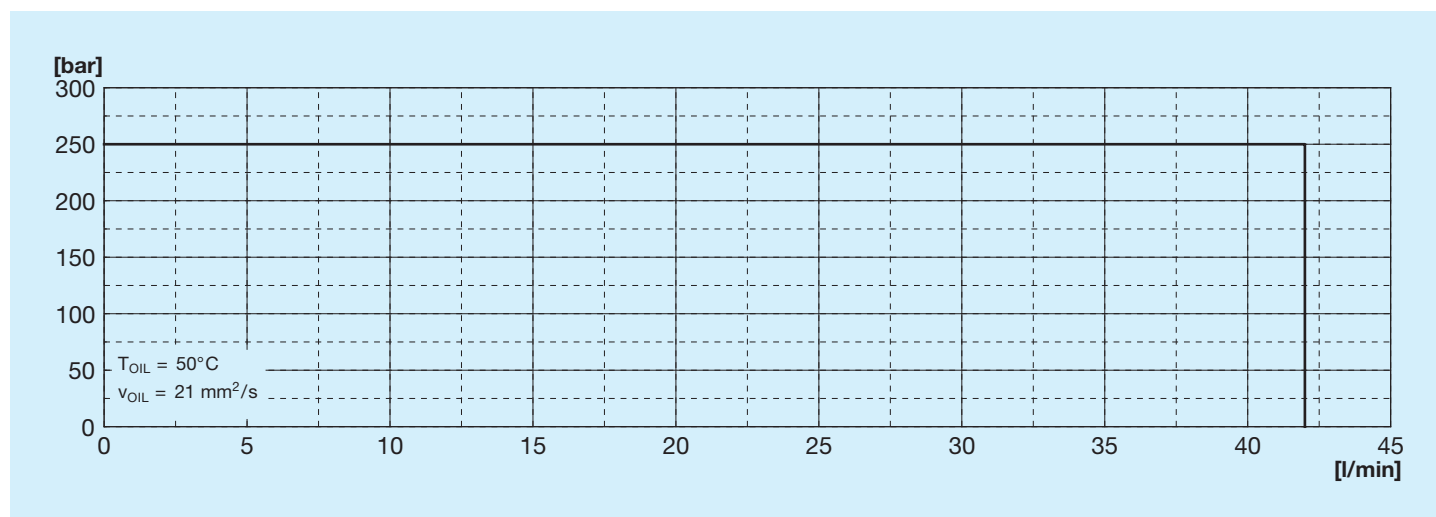
Posizioni

1	0	2
P→A B→T	B,A→T P—	P→B A→T

Portata

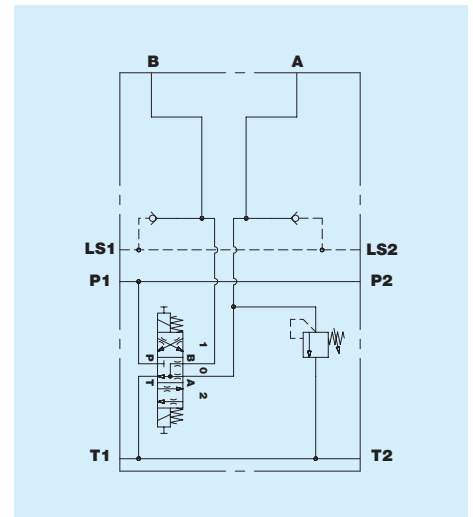
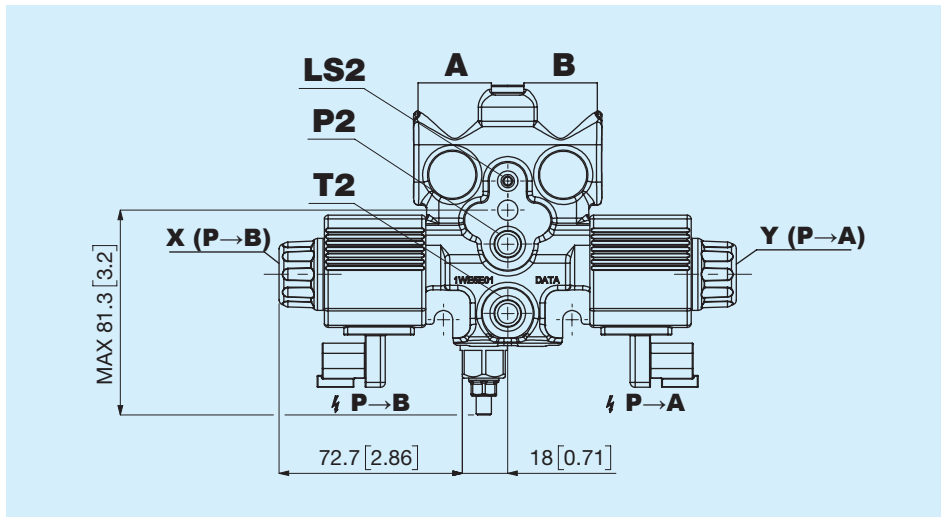
Codice	l/min	US gpm
0A	4	1,06
0B	9	2,37
0C	13	3,43
0D	17	4,49
0E	21	5,54
0F	26	6,87
0G	31	8,19
0H	37	9,77
0I	42	11,1

Limiti di impiego per circuito

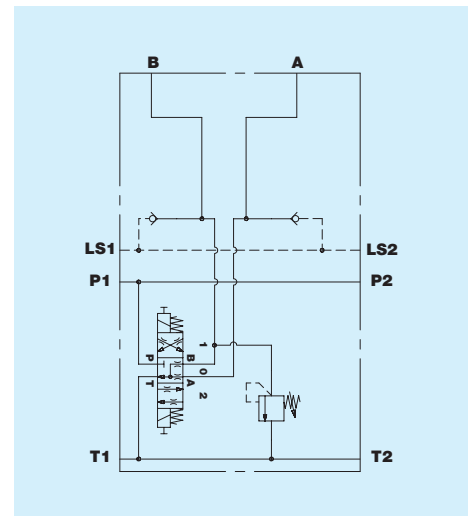
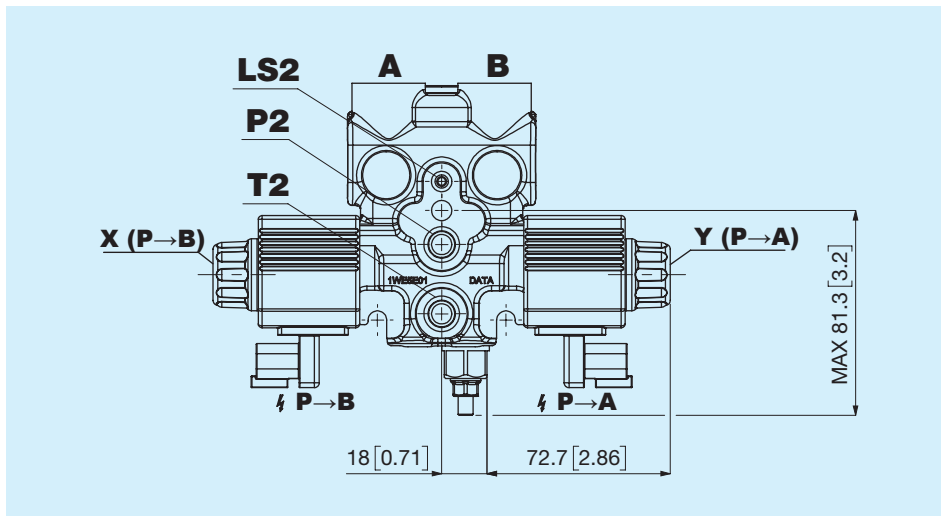


Codice	Tipo	Serraggio Nm
A	3/8" GAS ISO 1179	40
C	M18x1,5 ISO 9974	40
W	M18x1,5 ISO 6149	40
E	3/4" 16 SAE ISO 11926	45

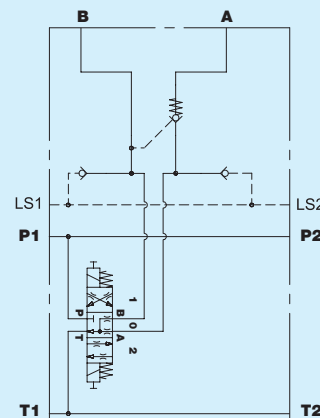
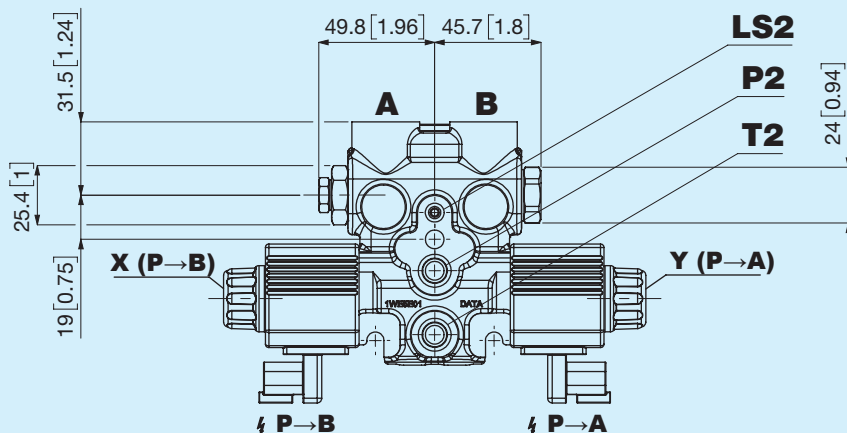
VL - Valvola limitatrice di pressione bocca A



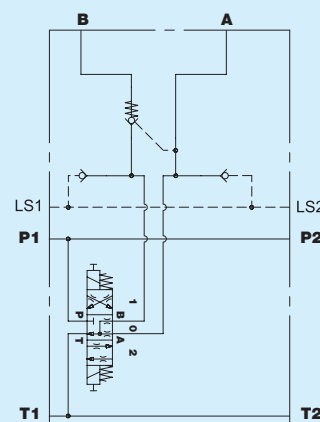
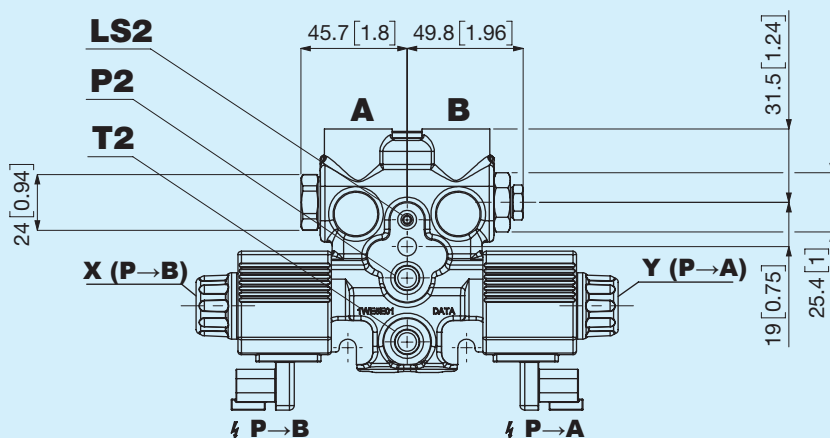
VL - Valvola limitatrice di pressione bocca B



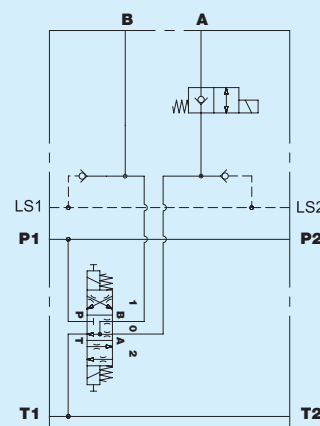
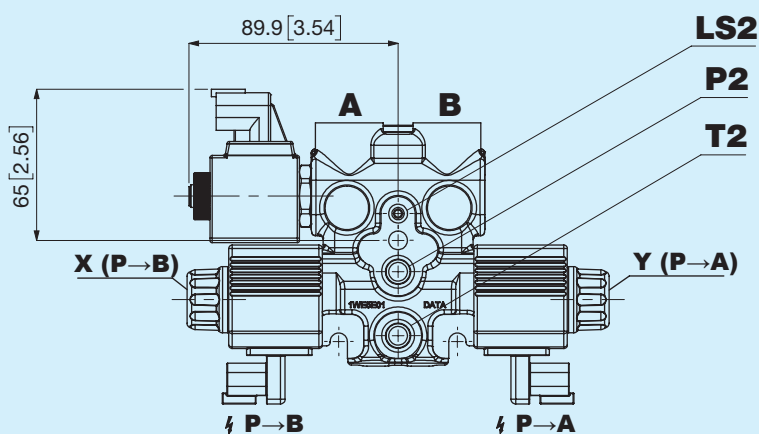
VB Valvola di blocco pilotata bocca A



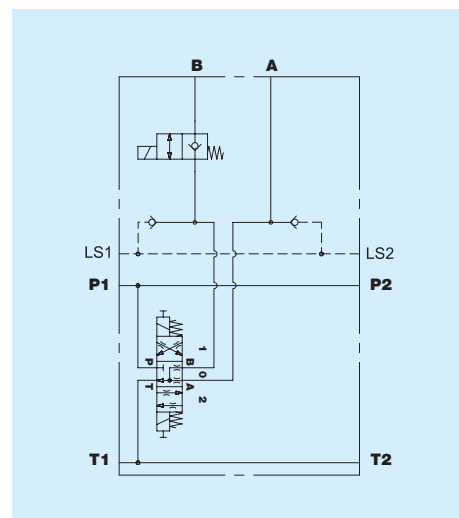
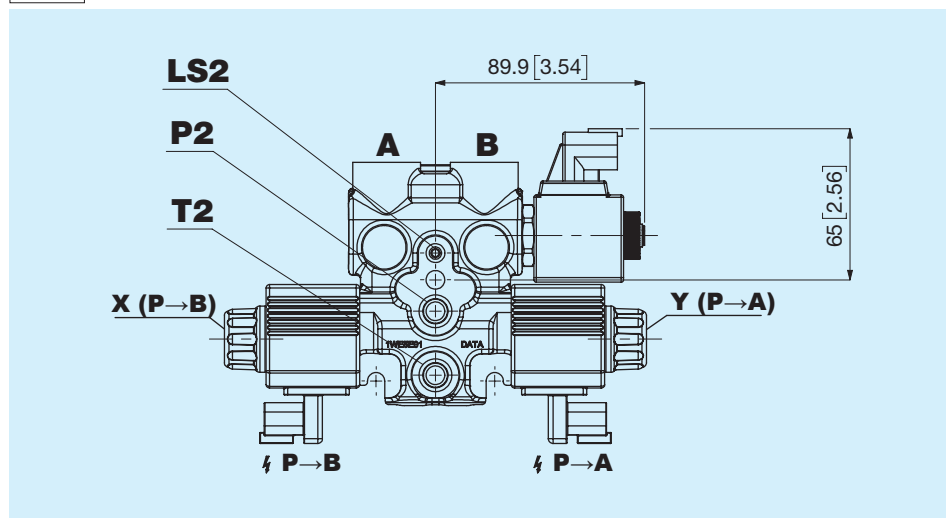
VB Valvola di blocco pilotata bocca B



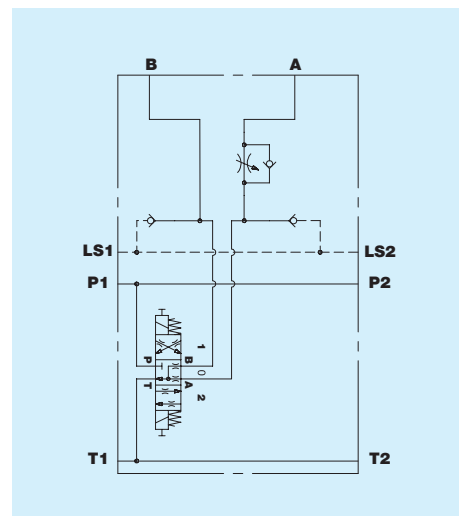
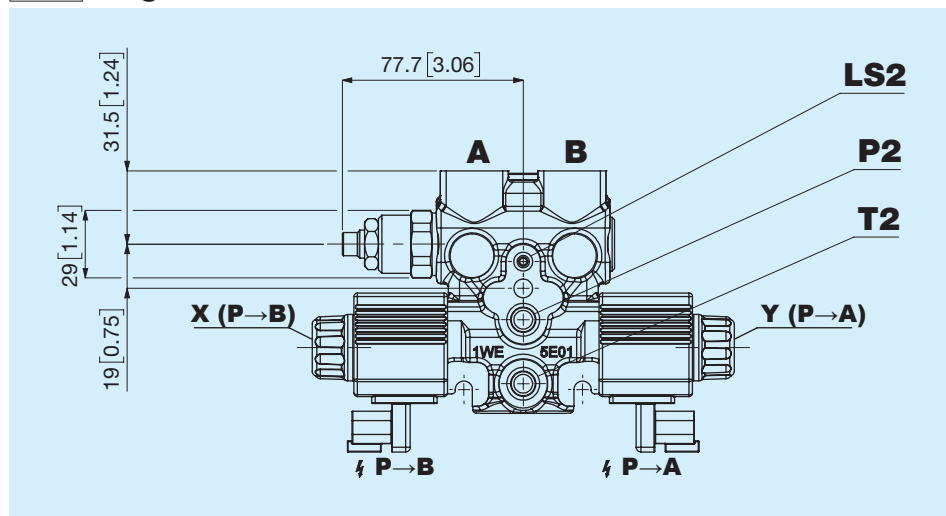
NE Elettrovalvola 2/2 bocca A



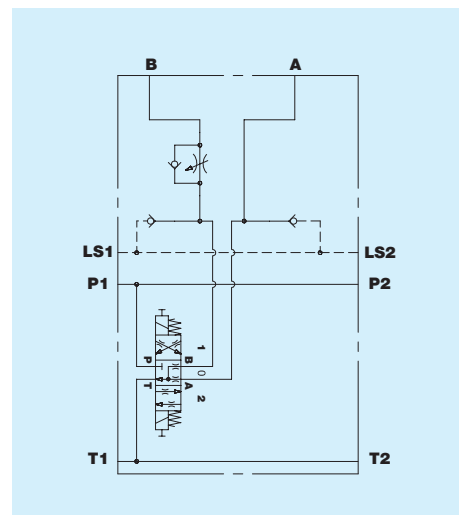
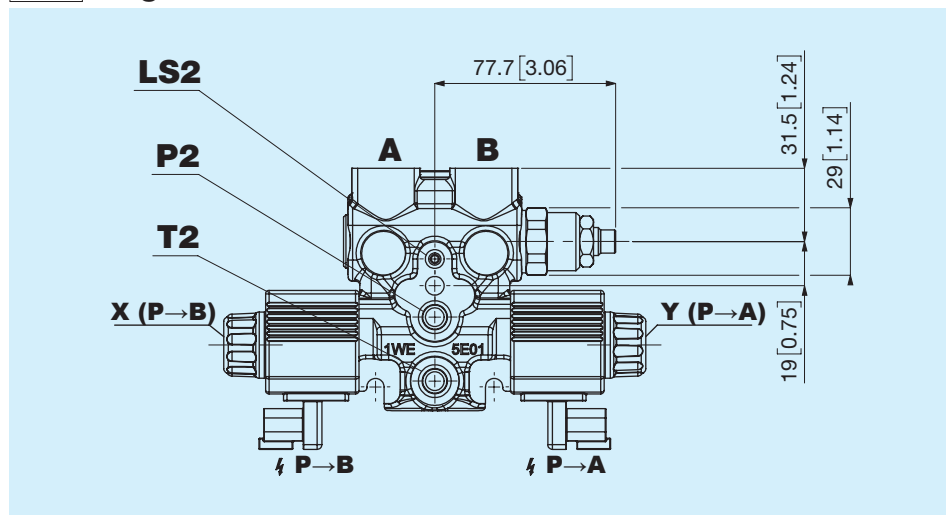
NE Elettrovalvola 2/2 bocca B



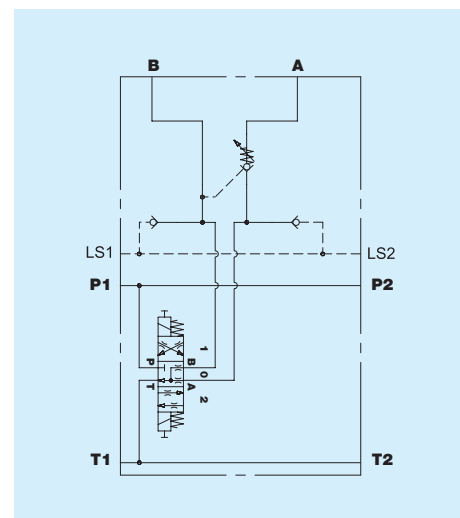
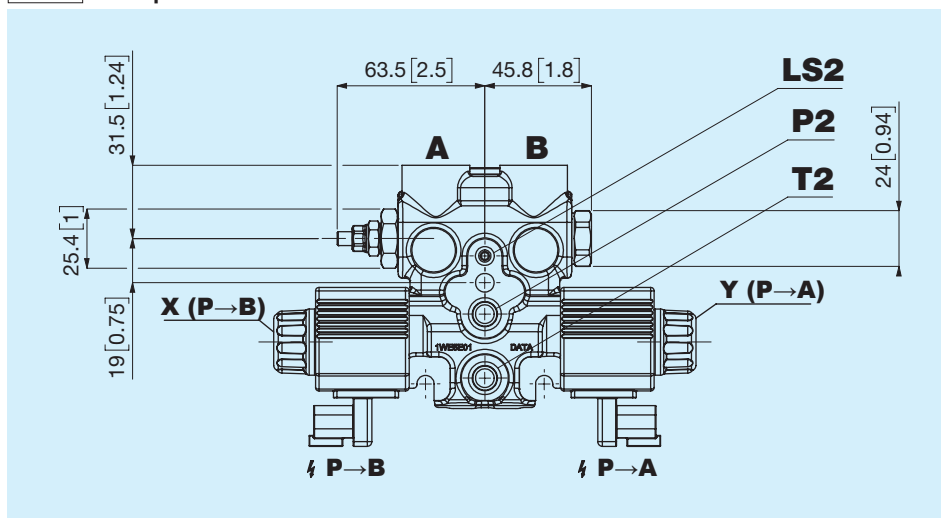
FC Regolatore di flusso unidirezionale bocca A



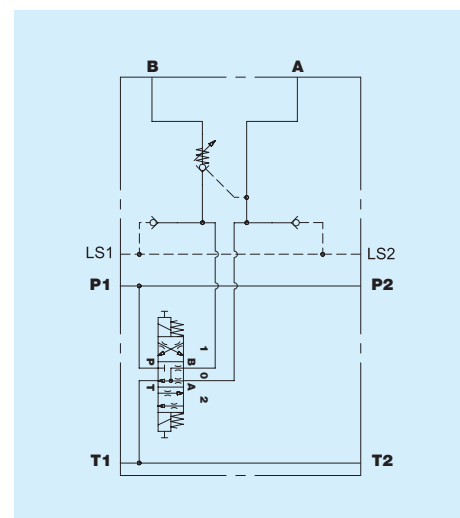
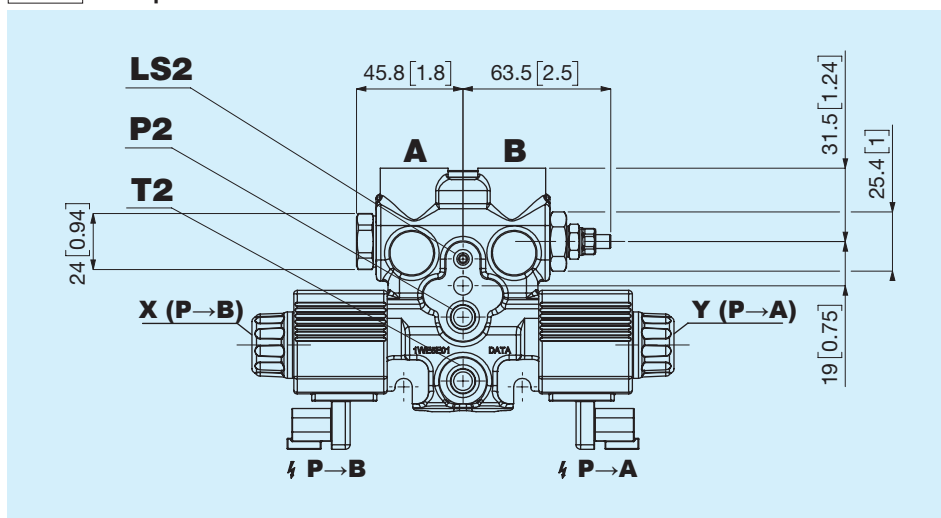
FC Regolatore di flusso unidirezionale bocca B



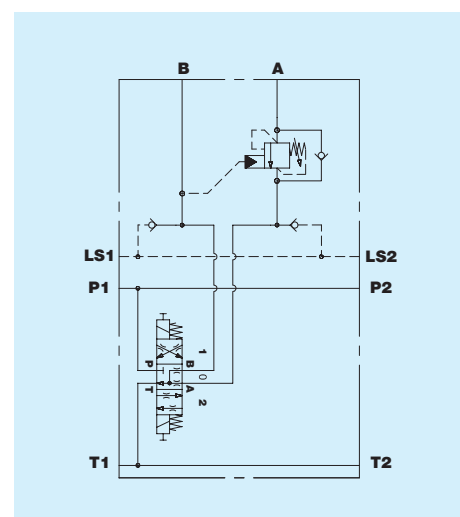
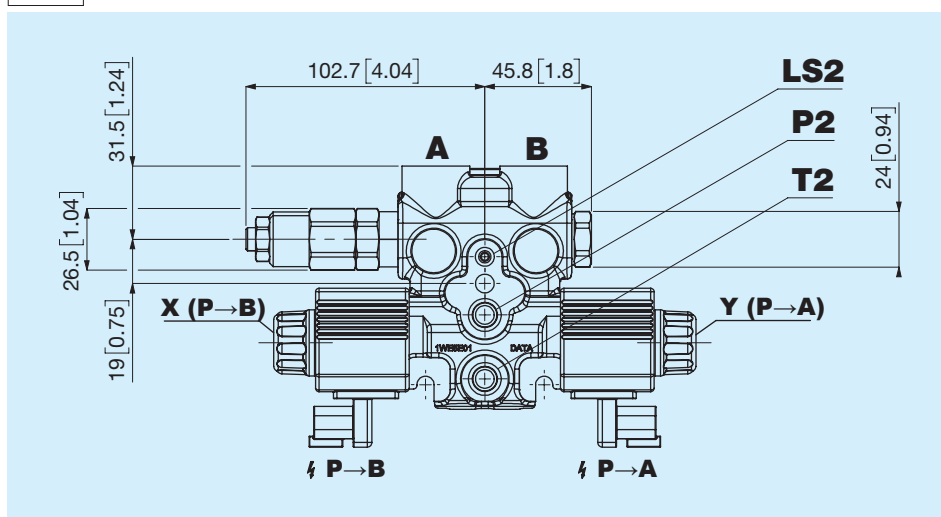
VG VB pilotata con strozzatore bidirezionale bocca A



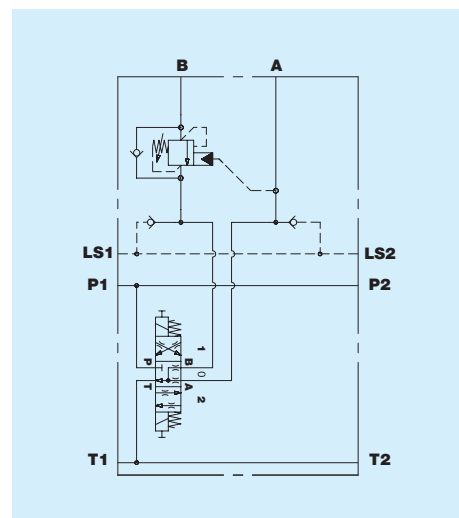
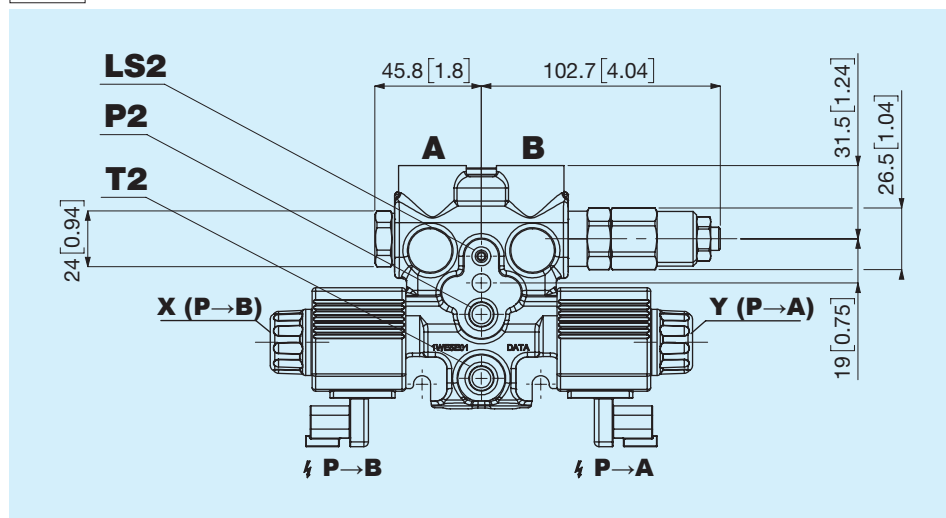
VG VB pilotata con strozzatore bidirezionale bocca B



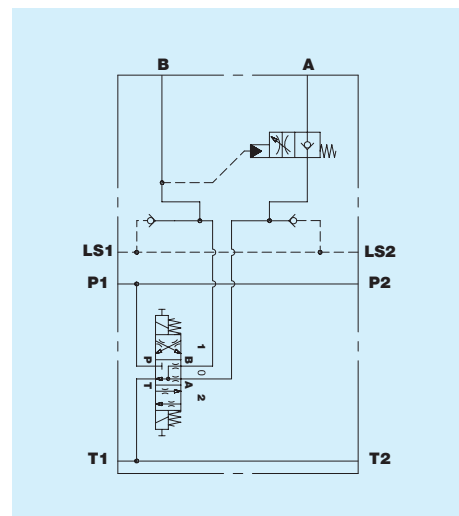
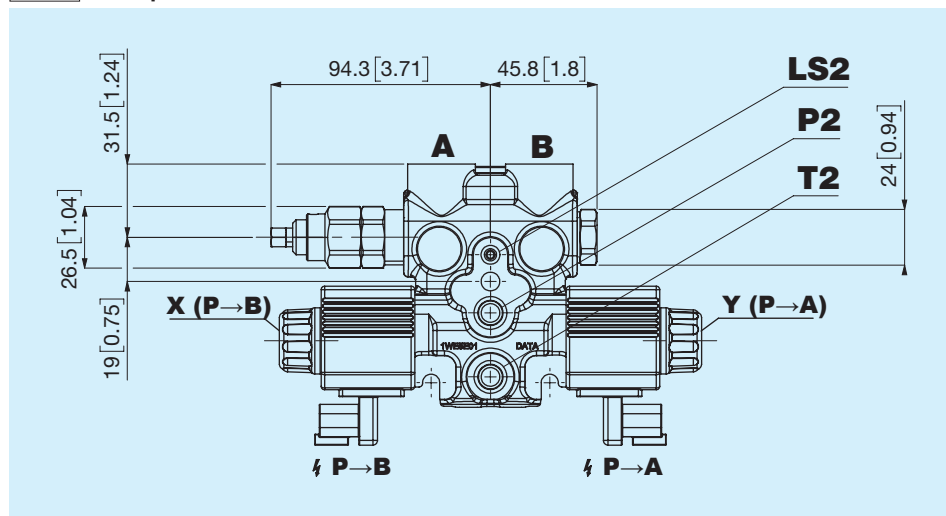
OV Over-center bocca A



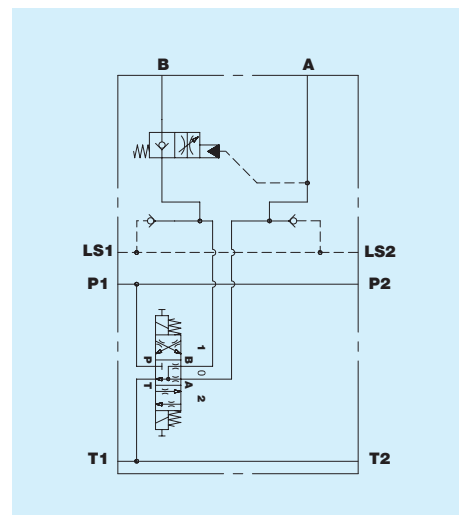
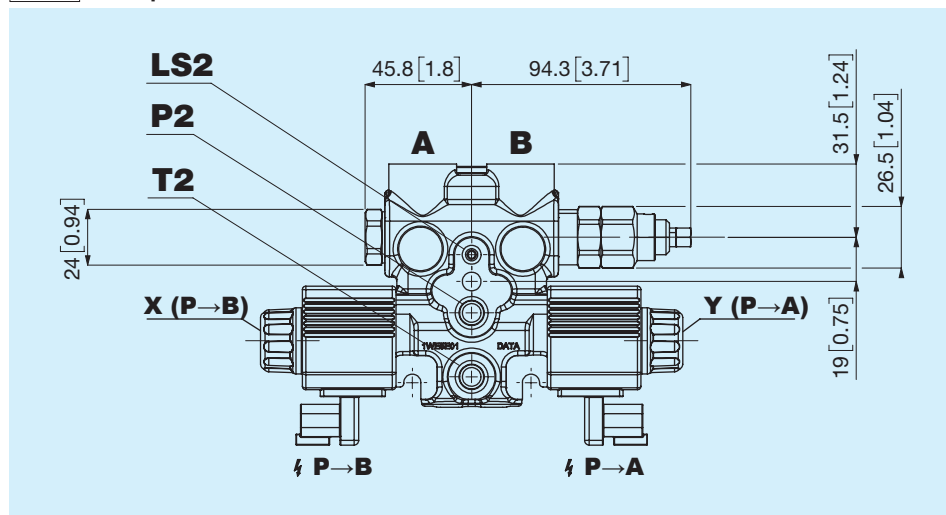
OV Over-center bocca B



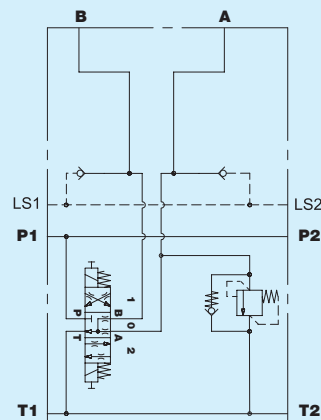
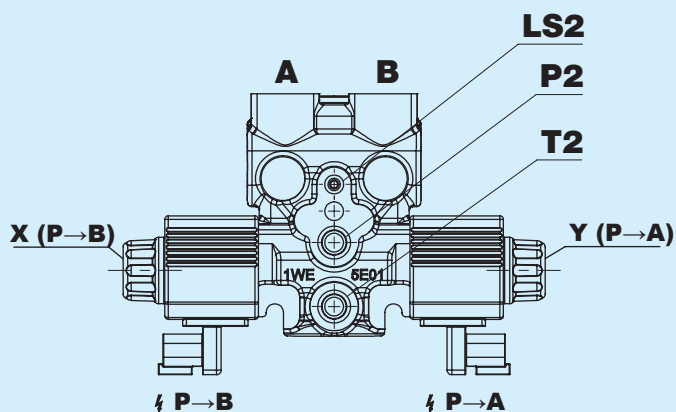
FP VB pilotata con strozzatore unidirezionale bocca A



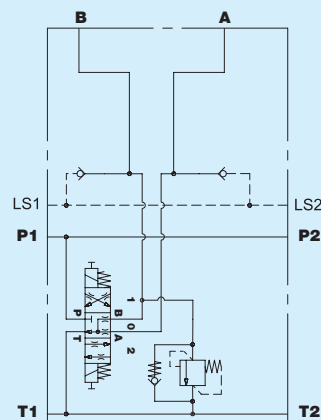
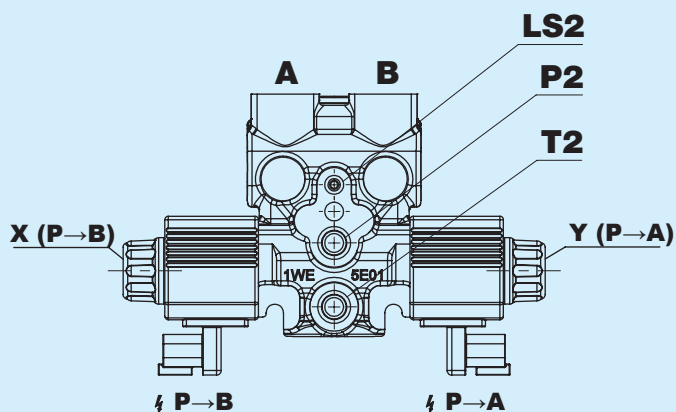
FP VB pilotata con strozzatore unidirezionale bocca B



RC VL di pressione ed anticavitazione interna bocca A



RC VL di pressione ed anticavitazione interna bocca B



Possibili combinazioni valvola bocca A e B

Bocca A	Bocca B								
	NN	VL	VB	NE	FC	VG	OV	FP	RC
NN	•	•	•	•	•	•	•	•	•
VL	•	•	•	•	•	•	•	•	
VB	•	•	•			•			
NE	•	•		•	•				•
FC	•	•		•	•				•
VG	•	•	•			•			
OV	•	•					•		
FP	•	•						•	
RC	•			•	•				•

NN - Nessuna

FC - Regolatore di flusso unidirezionale

VG - Valvola di blocco pilotata con strozzatore bidirezionale

VB - Valvola di blocco pilotata

NE - Elettrovalvola 2/2

OV - Over-center

FP - Valvola di blocco pilotata con strozzatore unidirezionale

VL - Valvola limitatrice di pressione

RC - Valvola limitatrice di pressione ed anticavitazione interna

BW0511BO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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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 4 l/min - 1,06 US gpm				0D 17 l/min - 4,49 US gpm				0G 31 l/min - 8,19 US gpm							
		0B 9 l/min - 2,37 US gpm				0E 21 l/min - 5,54 US gpm				0H 37 l/min - 9,77 US gpm							
		0C 13 l/min - 3,43 US gpm				0F 26 l/min - 6,87 US gpm				0I 42 l/min - 11,1 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				VB Valvola di blocco pilotata				FP Valvola di blocco pilotata con stroz. unidirezionale				OV Over-center			
		FC Regolatore di flusso unidirezionale				VG Valvola di blocco pilotata con stroz. bidirezionale				NE Elettrovalvola 2/2				RC Valvola limitatrice di pressione ed anticavitazione interna			
14	15	Pressione di taratura OV/RC bocca A															
		NN Nessuna				09 90 bar				16 160 bar				23 230 bar			
		03 30 bar				10 100 bar				17 170 bar				24 240 bar			
		04 40 bar				11 110 bar				18 180 bar				25 250 bar			
		05 50 bar				12 120 bar				19 190 bar				26 260 bar			
		06 60 bar				13 130 bar				20 200 bar				27 270 bar			
		07 70 bar				14 140 bar				21 210 bar							
		08 80 bar				15 150 bar				22 220 bar							
16	17	Tipo di valvola bocca B															
		NN Nessuna				VB Valvola di blocco pilotata				FP Valvola di blocco pilotata con stroz. unidirezionale				OV Over-center			
		FC Regolatore di flusso unidirezionale				VG Valvola di blocco pilotata con stroz. bidirezionale				NE Elettrovalvola 2/2				RC Valvola limitatrice di pressione ed anticavitazione interna			

18	19	20	21

18	19

Pressione di taratura OV/RC bocca B

NN Nessuna	09 90 bar	16 160 bar	23 230 bar
03 30 bar	10 100 bar	17 170 bar	24 240 bar
04 40 bar	11 110 bar	18 180 bar	25 250 bar
05 50 bar	12 120 bar	19 190 bar	26 260 bar
06 60 bar	13 130 bar	20 200 bar	27 270 bar
07 70 bar	14 140 bar	21 210 bar	
08 80 bar	15 150 bar	22 220 bar	

20

Tensione e connettore

A 12V DIN 43650	B 24V DIN 43650	G 12V Deutsch	H 24V Deutsch
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21

Trattamento esterno

A Trattamento esterno	N Nessuno
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