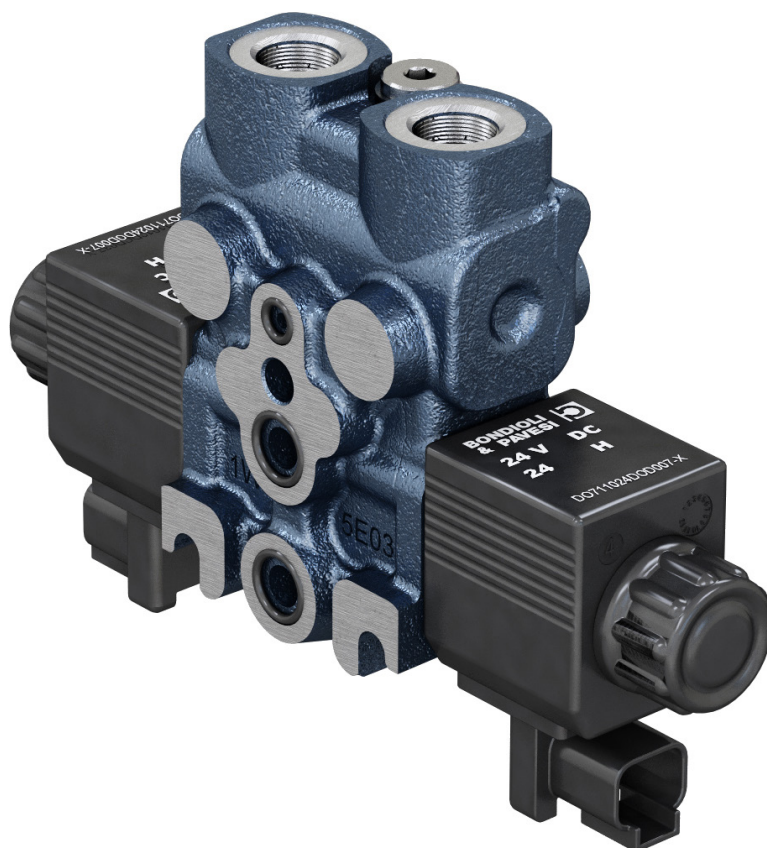
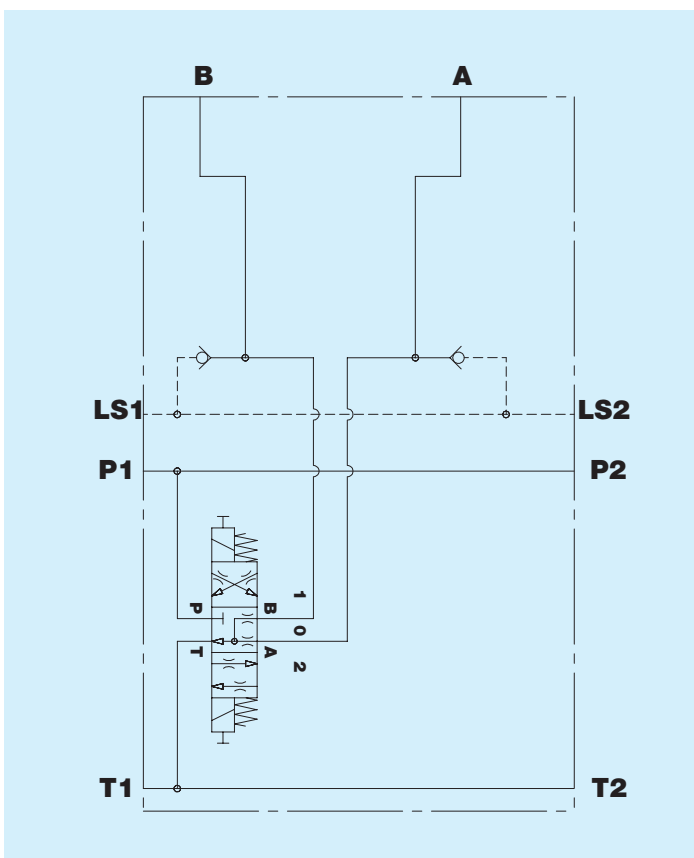


BW0511LO Elemento largo 4/3 ON - OFF con Bocche superiori con segnale Load sensing
Interfaccia IBW0511

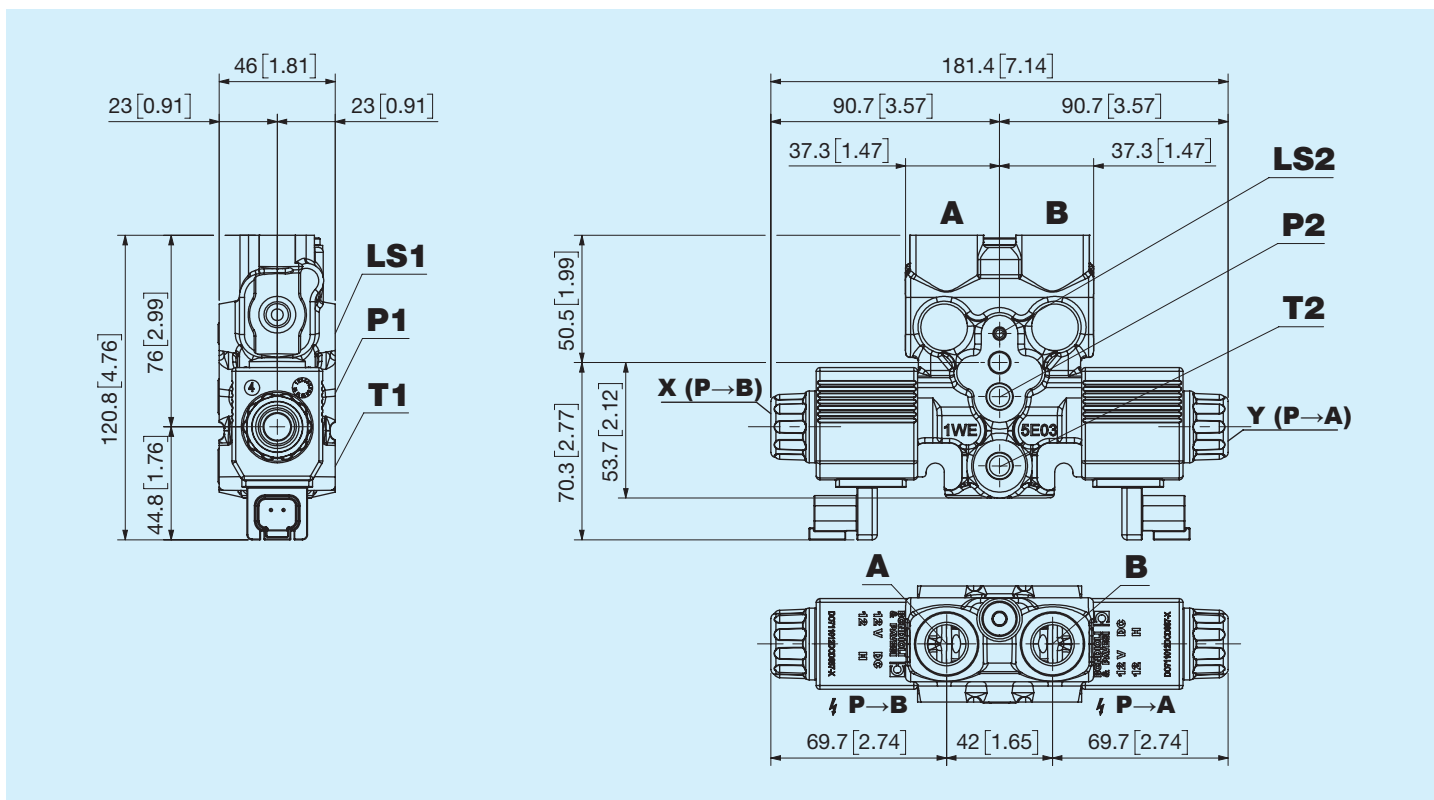


Prima di iniziare l'utilizzo leggere attentamente il documento ISTRUZIONI GENERALI D'IMPIEGO PER LE VALVOLE DI CONTROLLO DIREZIONALE

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 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

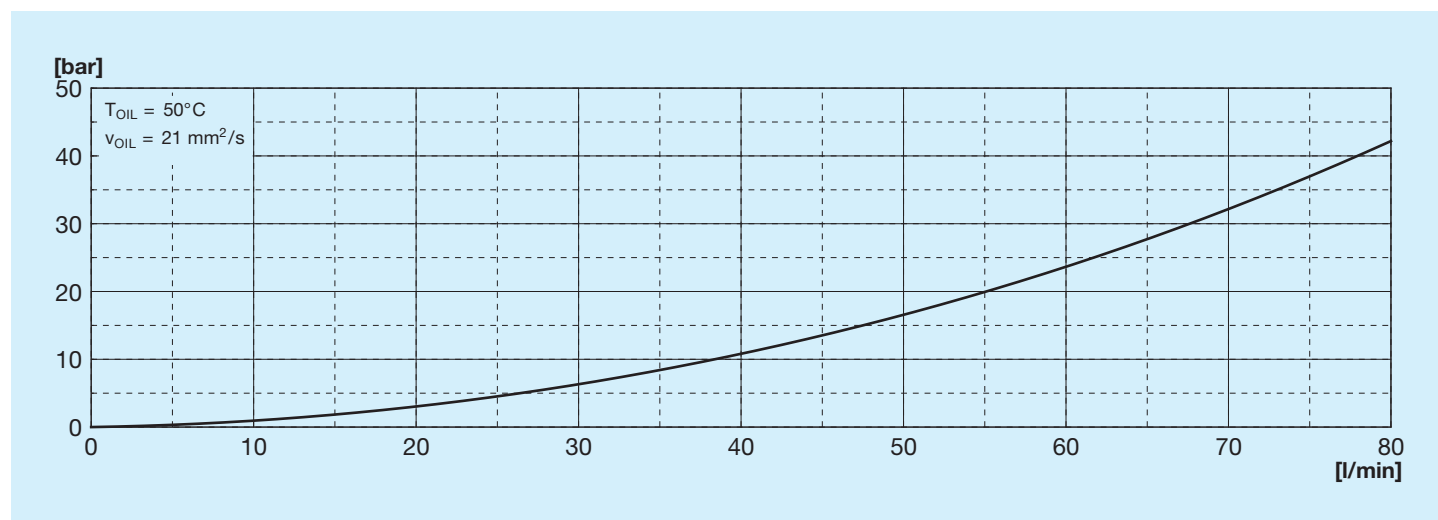


Dimensioni d'ingombro

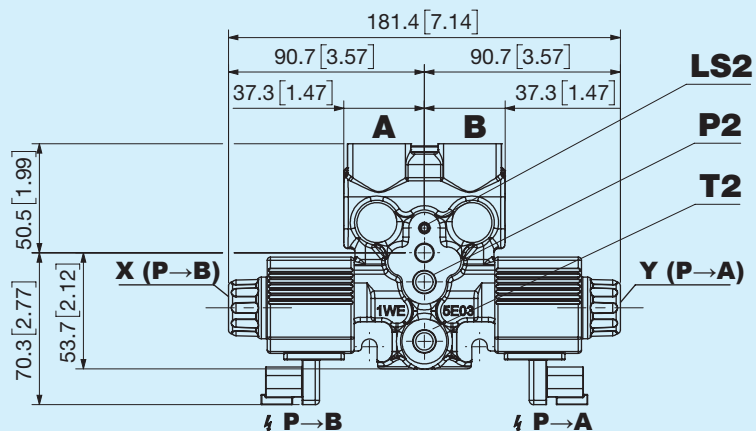
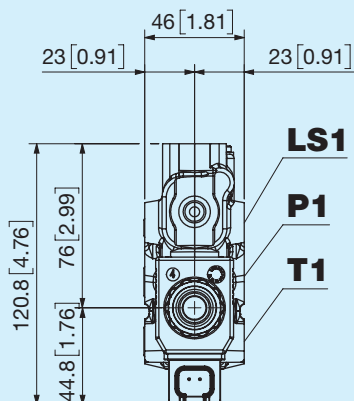


X - Y = Emergenza manuale in spinta

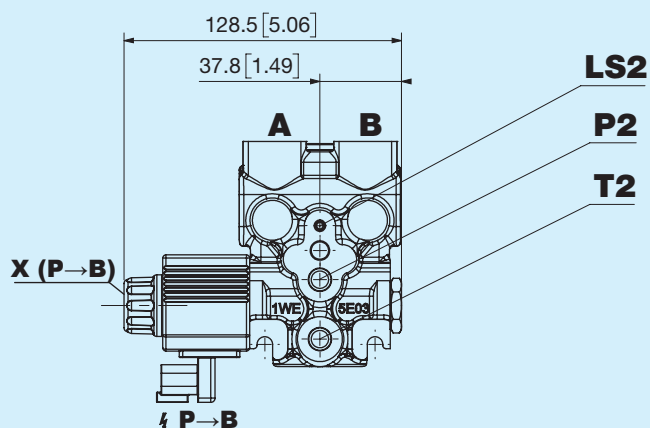
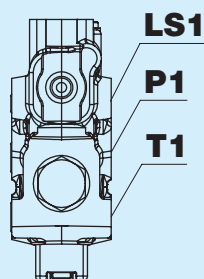
Curva caratteristica A/B-T



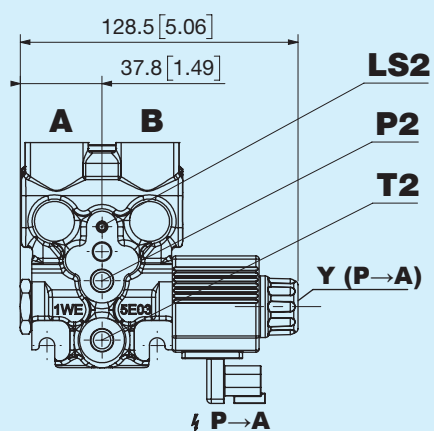
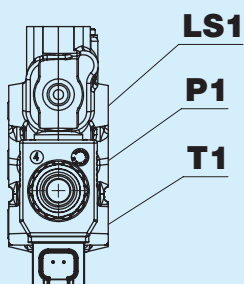
A Due bobine lato bocca A e B



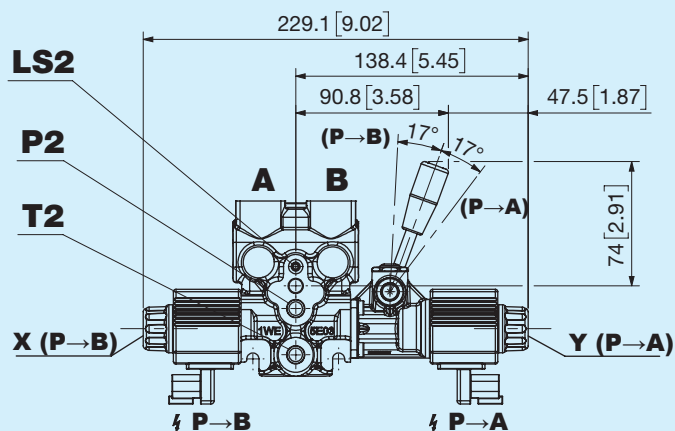
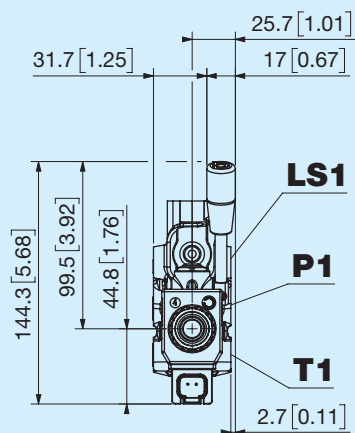
E Una bobina lato bocca A



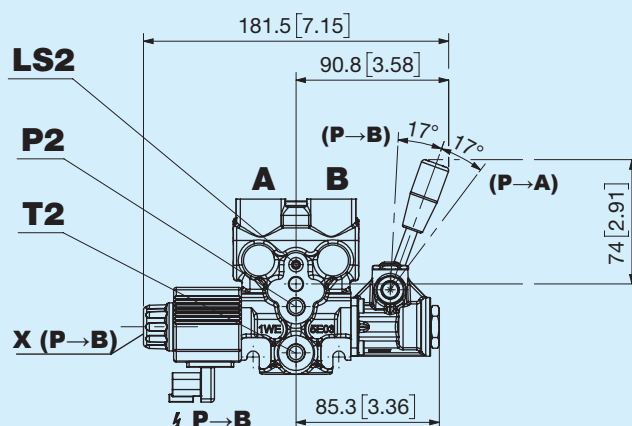
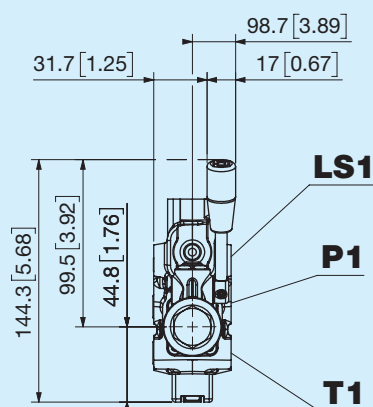
F Una bobina lato bocca B



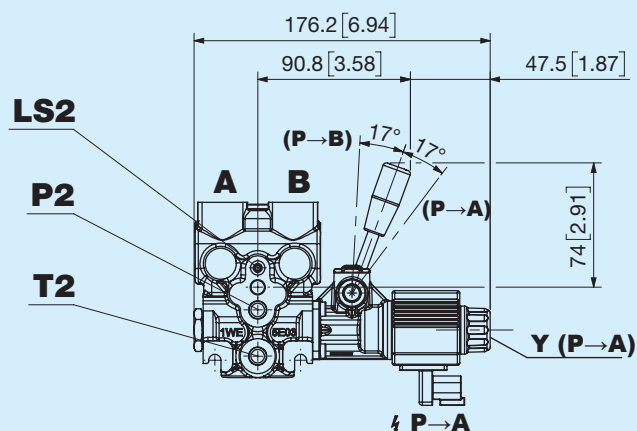
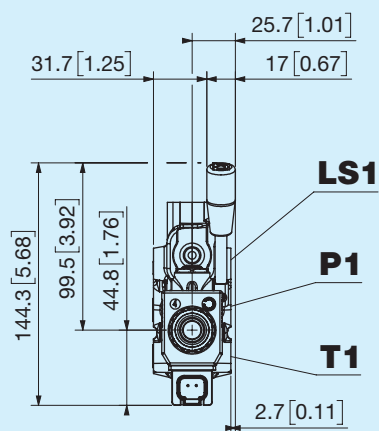
B Due bobine lato bocca A e B e leva di emergenza



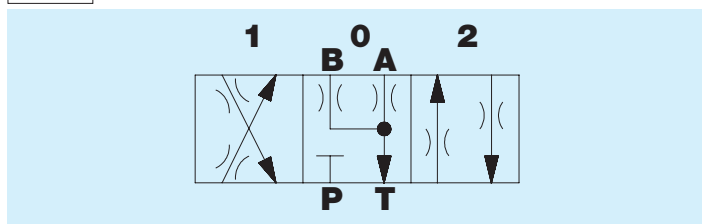
C Una bobina lato bocca A e leva di emergenza



D Una bobina lato bocca B e leva di emergenza



003 Circuito



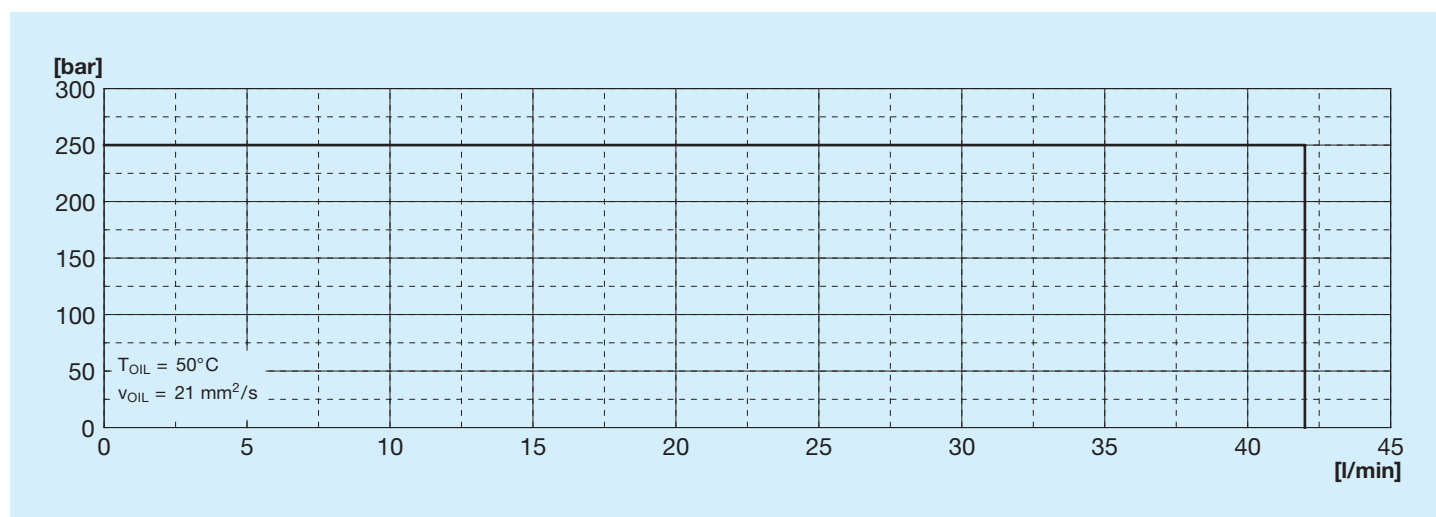
Posizioni

1	0	2
P→A B→T	B,A→T P—	P→B A→T

Portata

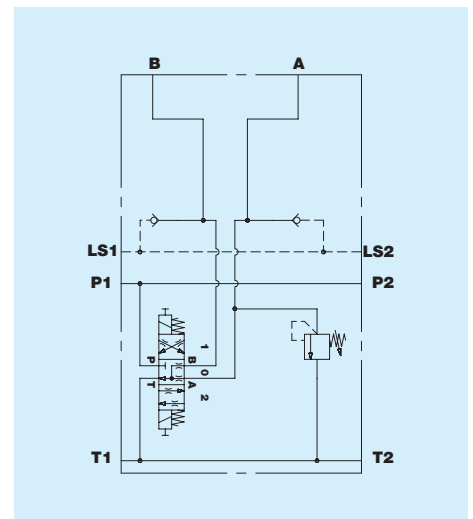
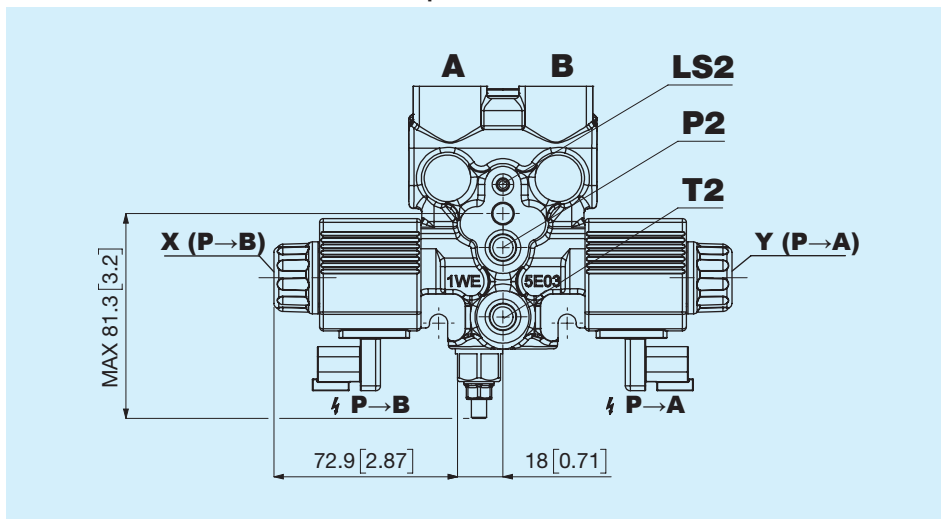
Codice	l/min	US gpm
0A	4	1,06
0B	9	2,37
0C	13	3,43
0D	17	4,49
0E	21	5,54
0F	26	6,87
0G	31	8,19
0H	37	9,77
0I	42	11,1

Limiti di impiego per circuito

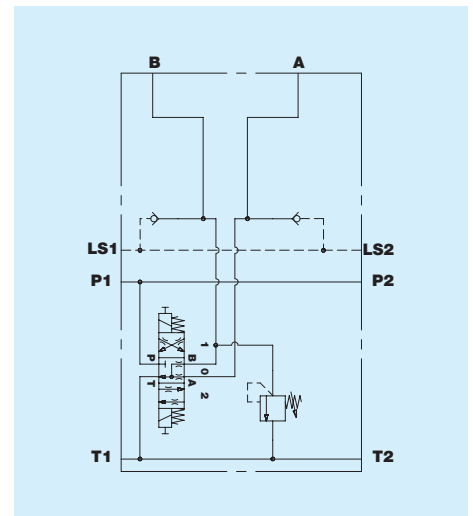
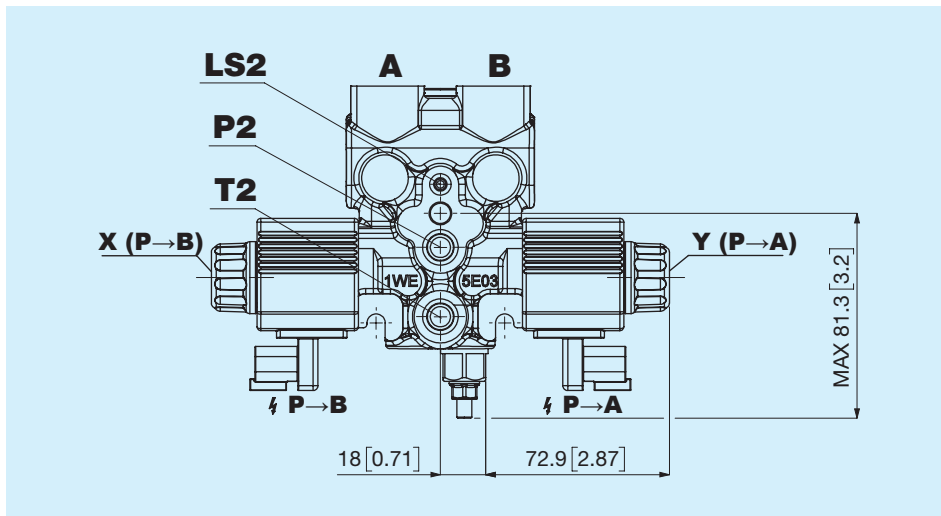


Codice	Tipo	Serraggio Nm
A	3/8" GAS ISO 1179	40
C	M18x1,5 ISO 9974	40
W	M18x1,5 ISO 6149	40
E	3/4" 16 SAE ISO 11926	45

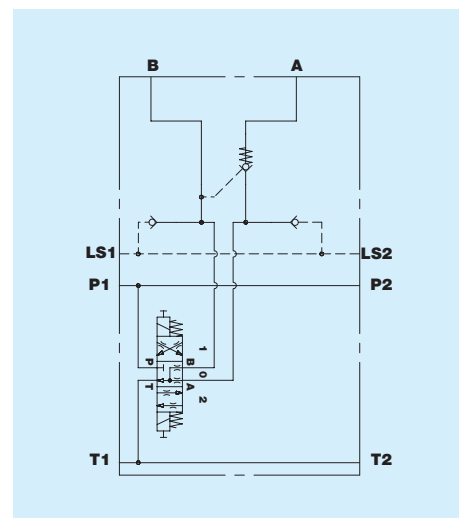
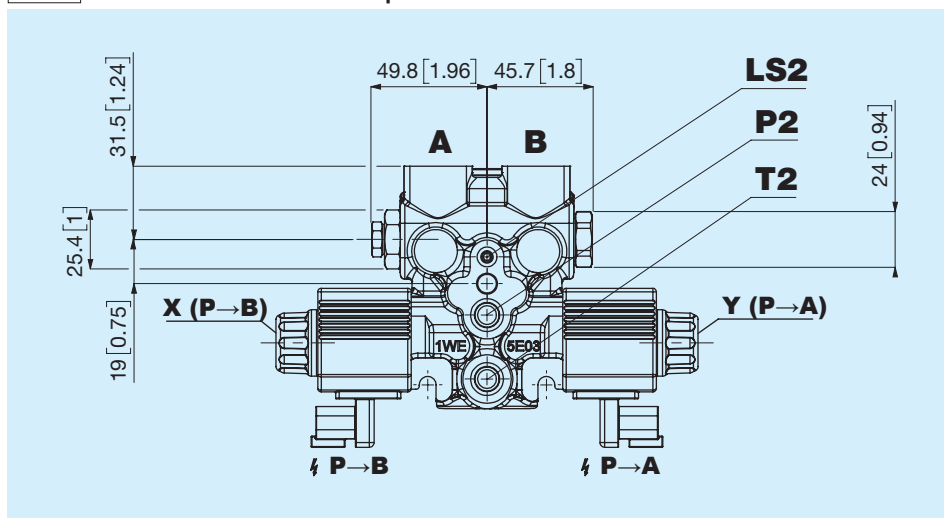
VL - Valvola limitatrice di pressione bocca A



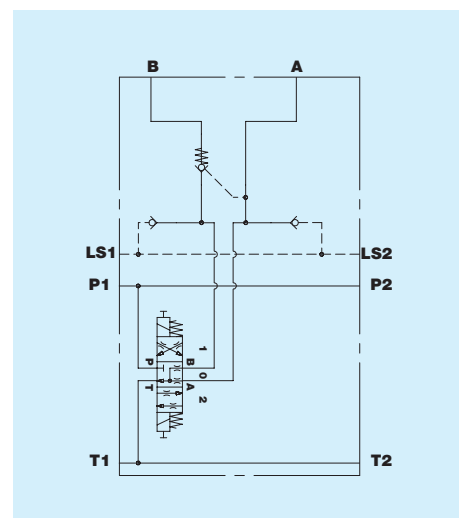
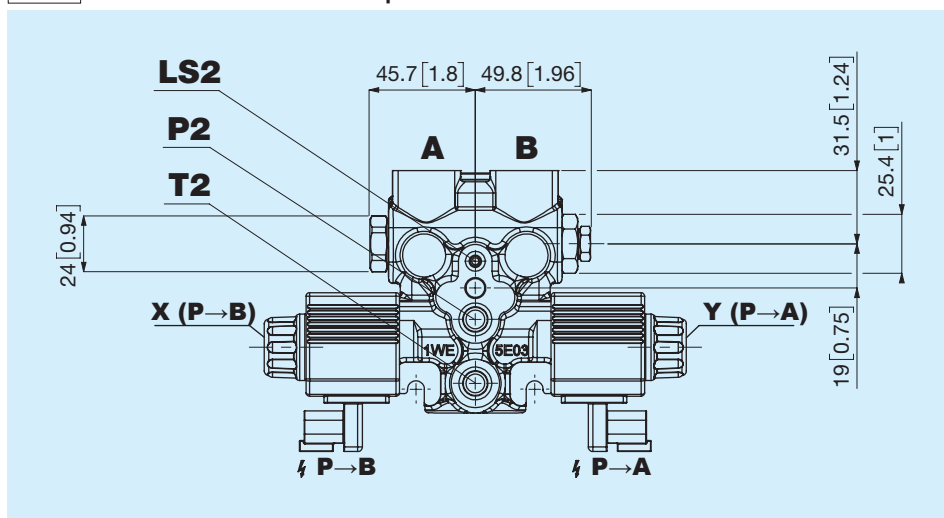
VL - Valvola limitatrice di pressione bocca B



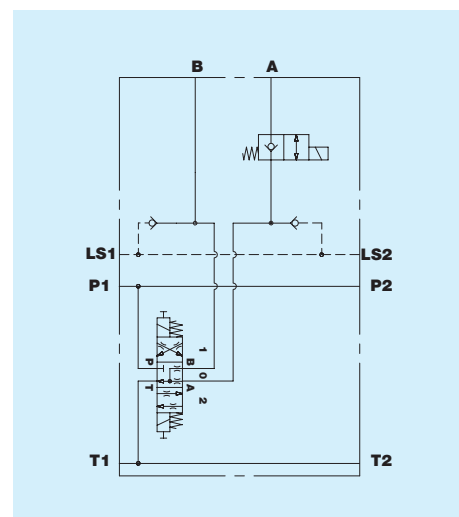
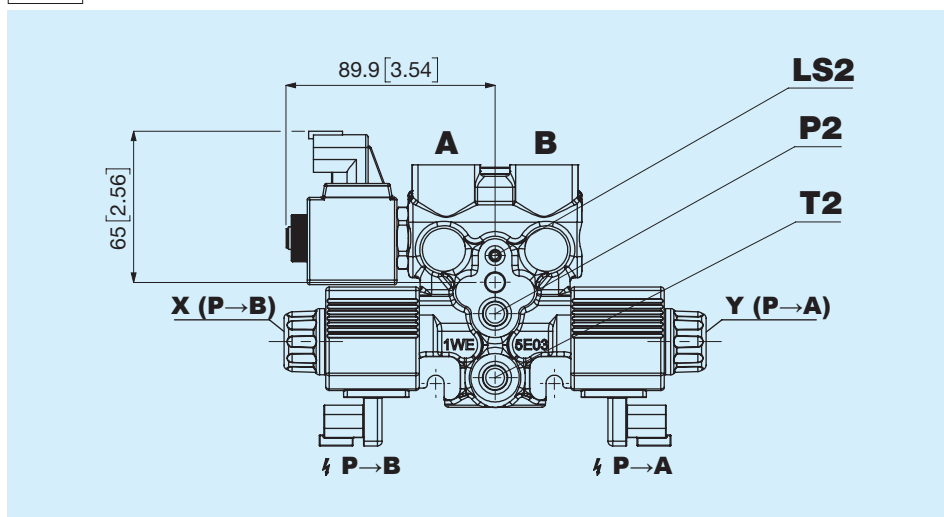
VB Valvola di blocco pilotata bocca A



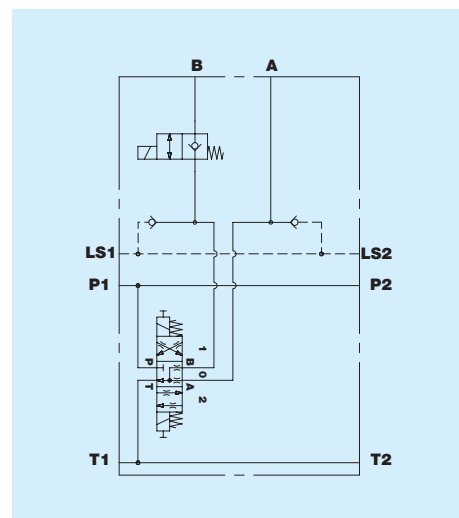
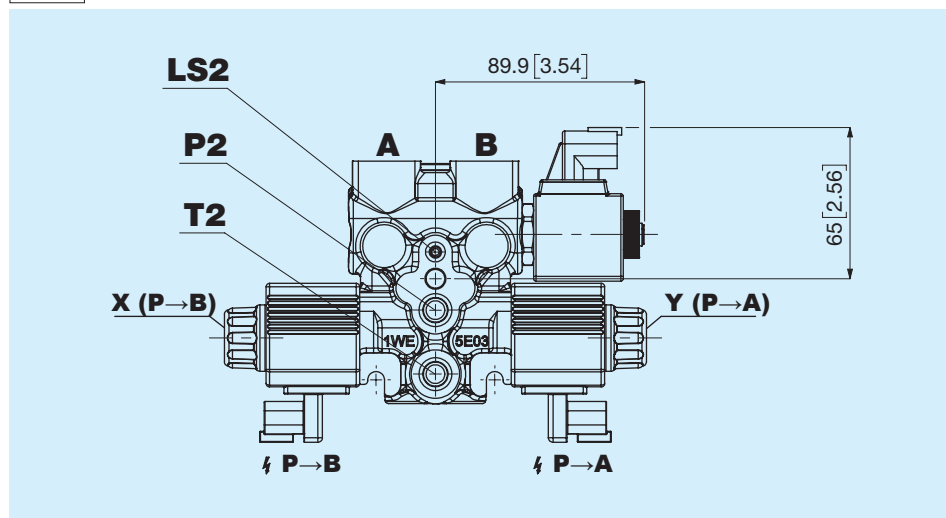
VB Valvola di blocco pilotata bocca B



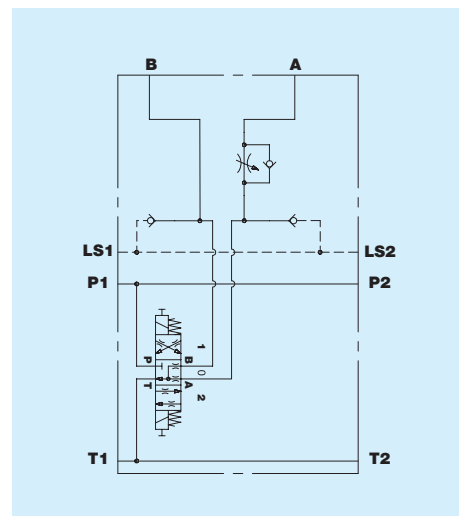
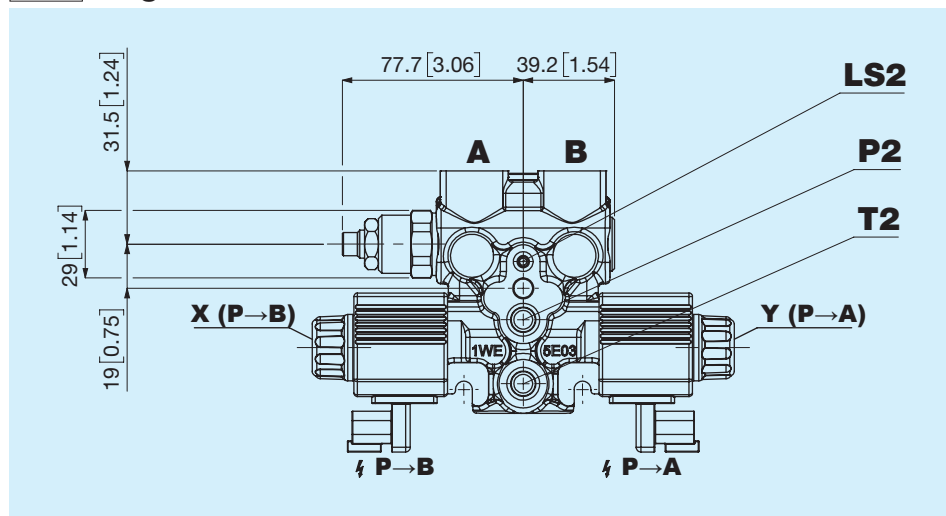
NE Elettrovalvola 2/2 bocca A



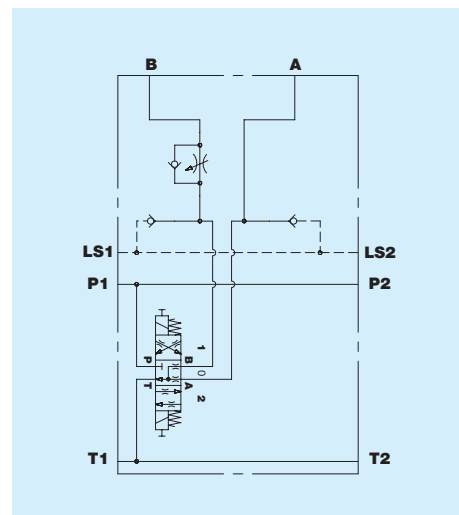
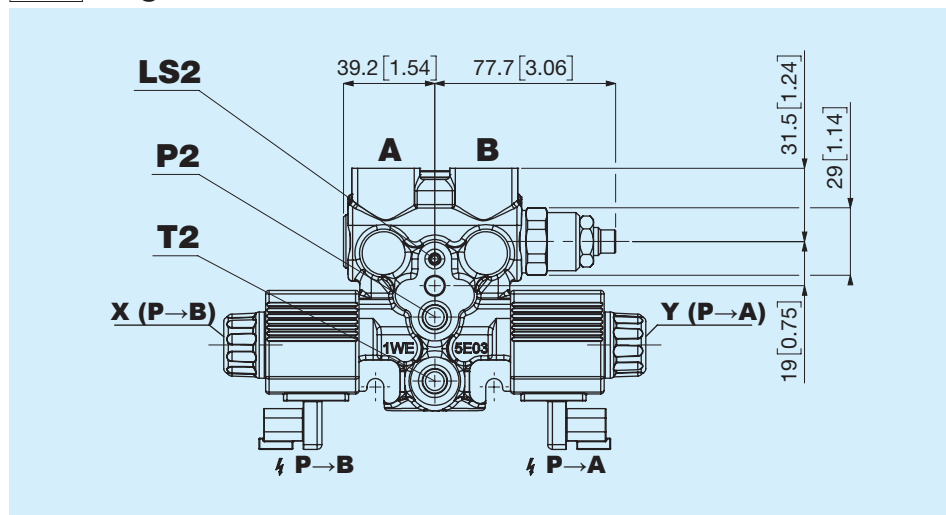
NE Elettrovalvola 2/2 bocca B



FC Regolatore di flusso unidirezionale bocca A



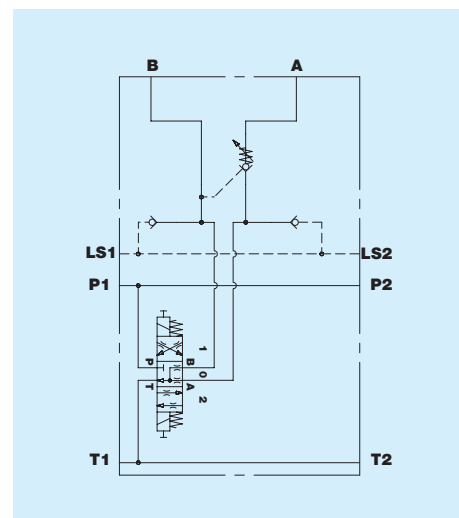
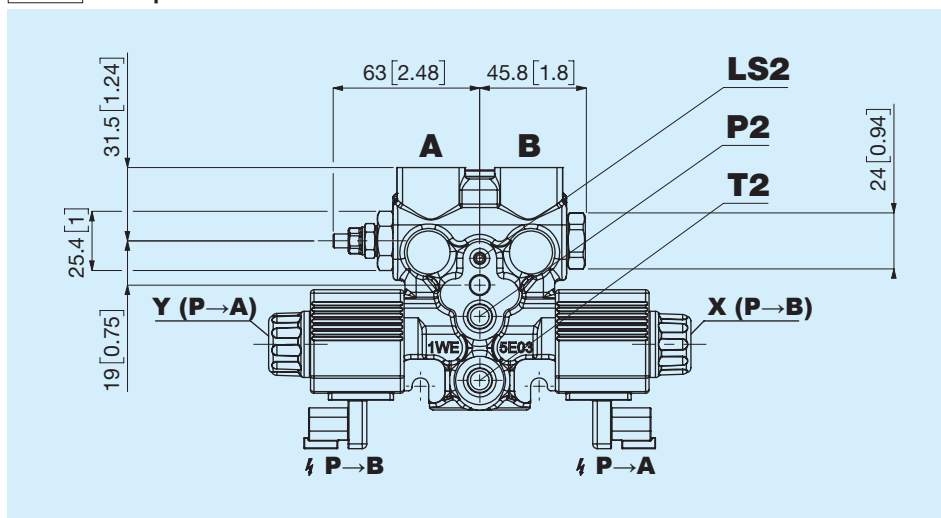
FC Regolatore di flusso unidirezionale bocca B



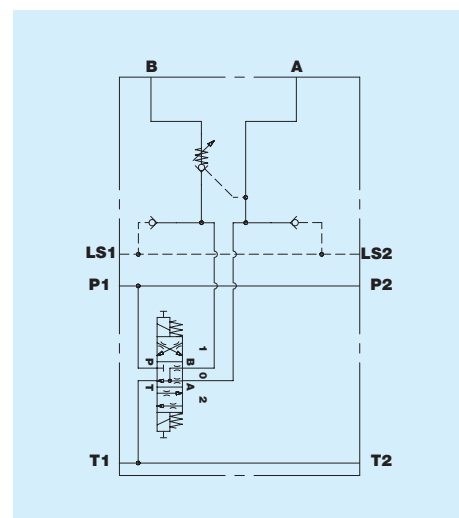
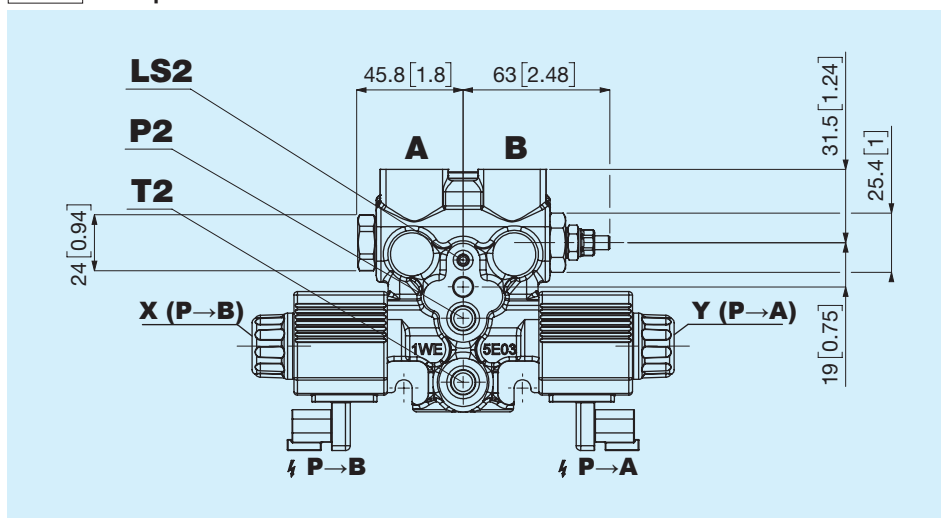
Tipo di valvola bocca A B

BW0511LO

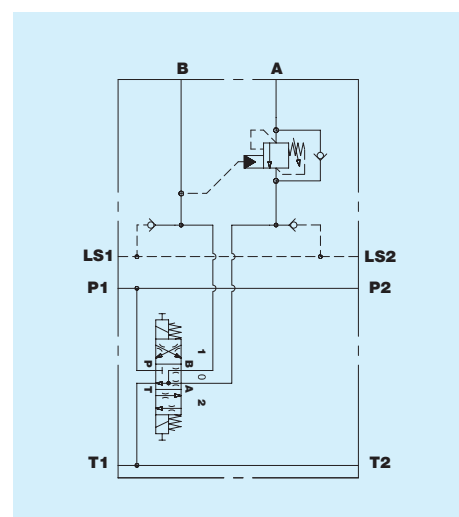
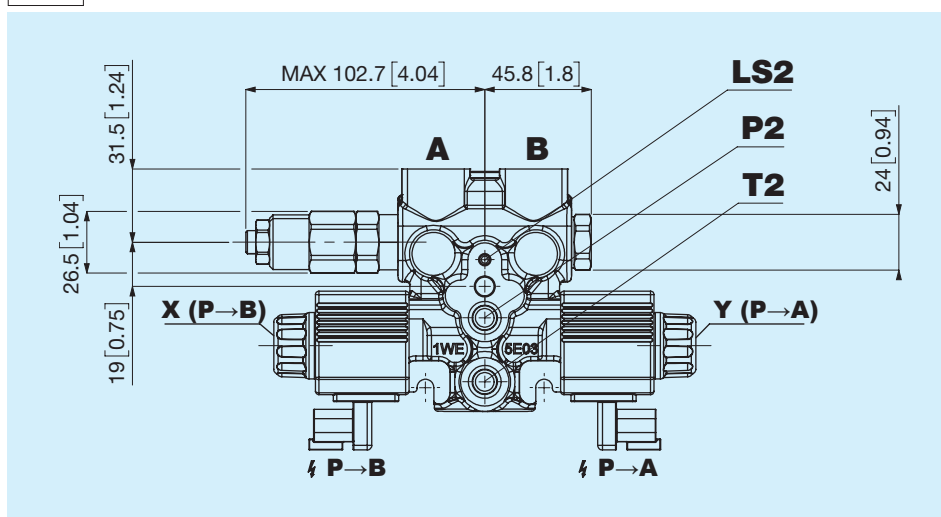
VG VB pilotata con strozzatore bidirezionale bocca A



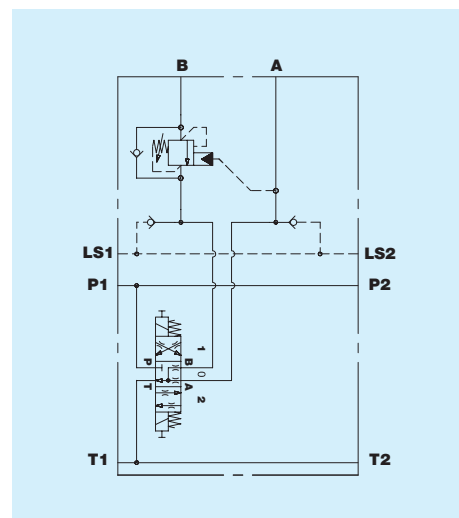
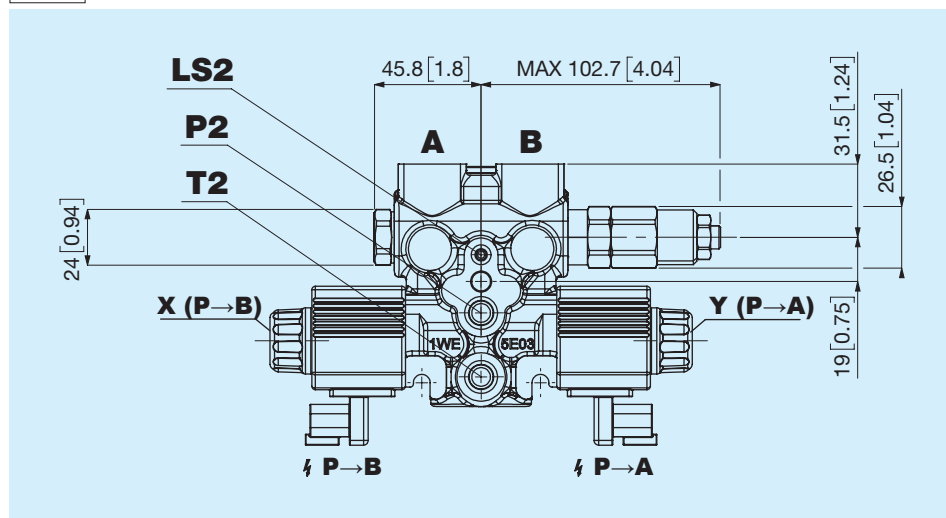
VG VB pilotata con strozzatore bidirezionale bocca B



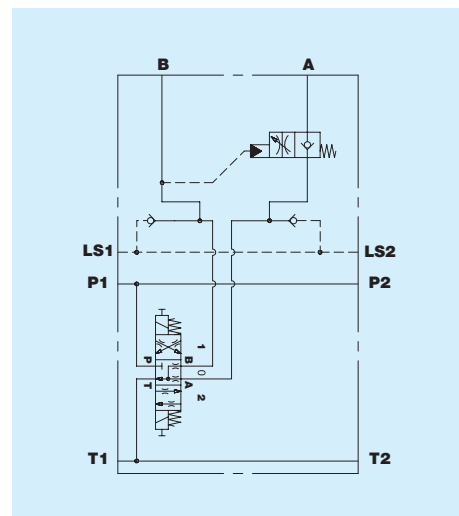
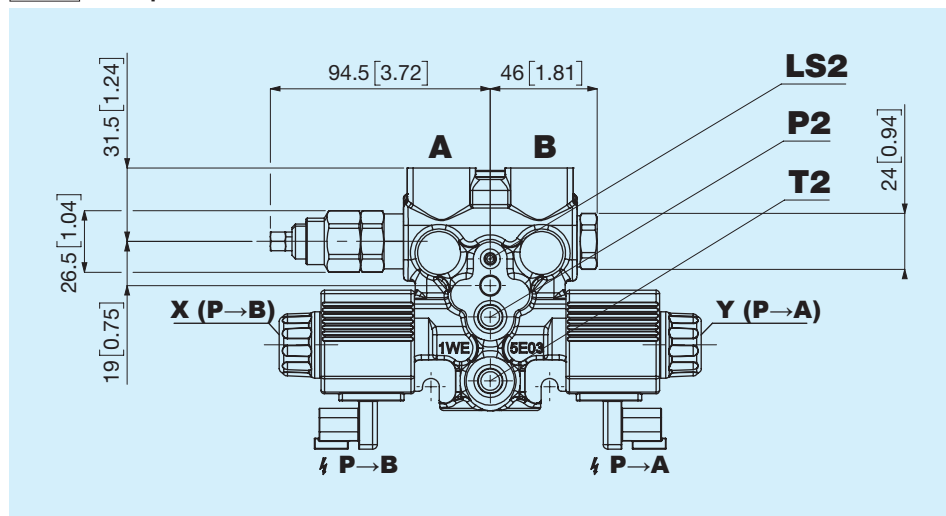
OV Over-center bocca A



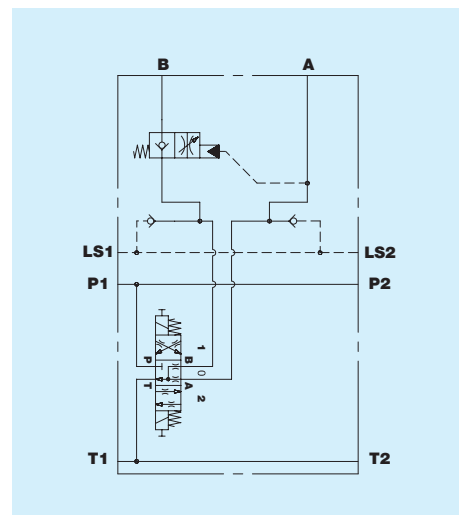
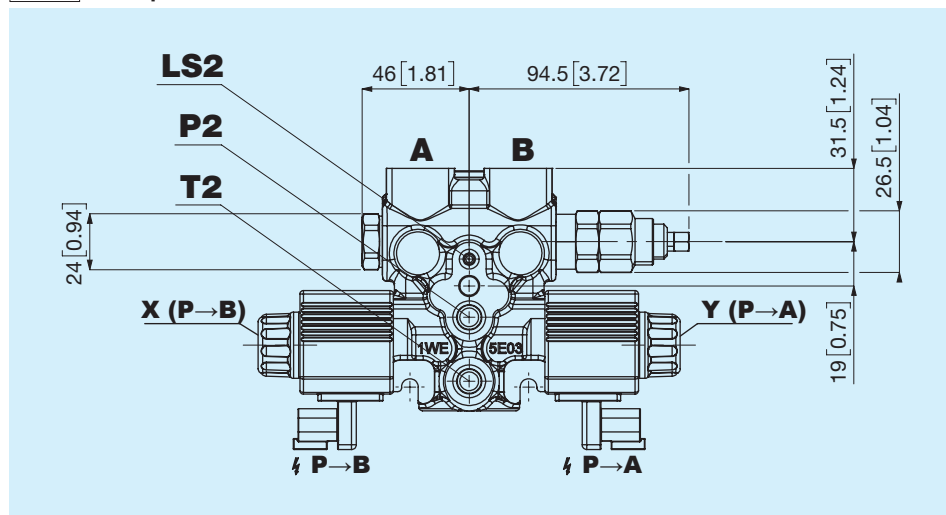
OV Over-center bocca B



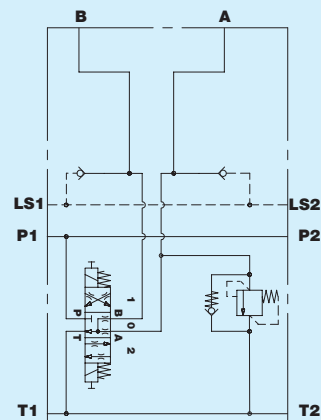
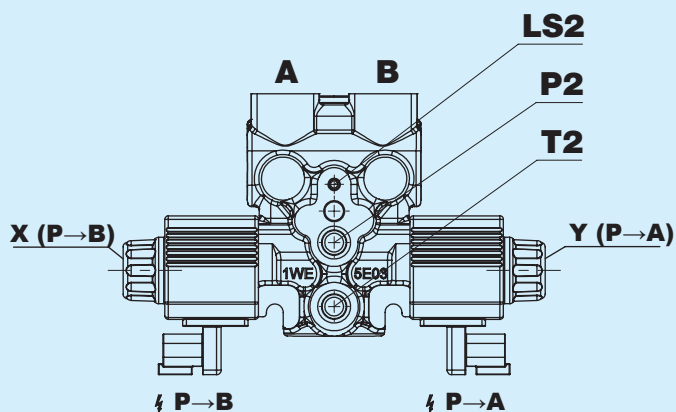
FP VB pilotata con strozzatore unidirezionale bocca A



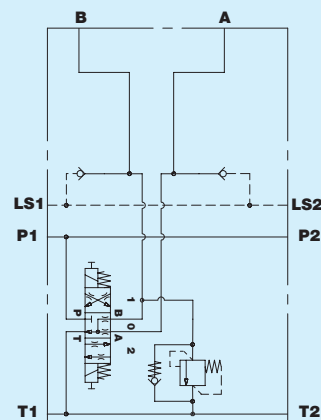
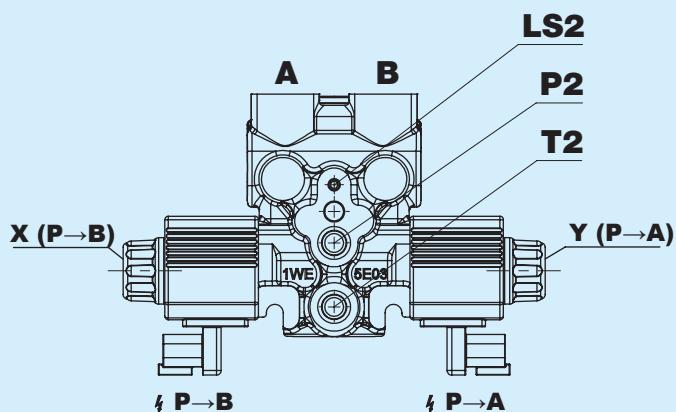
FP VB pilotata con strozzatore unidirezionale bocca B



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

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BW0511LO																	

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 ΔP = 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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Trattamento esterno

A Trattamento esterno	N Nessuno
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