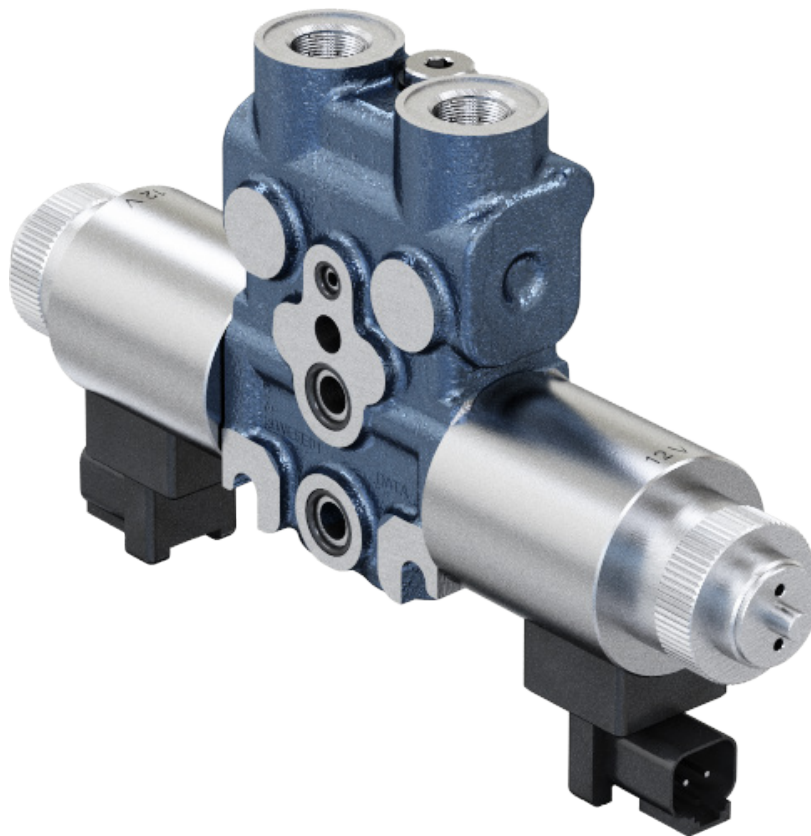
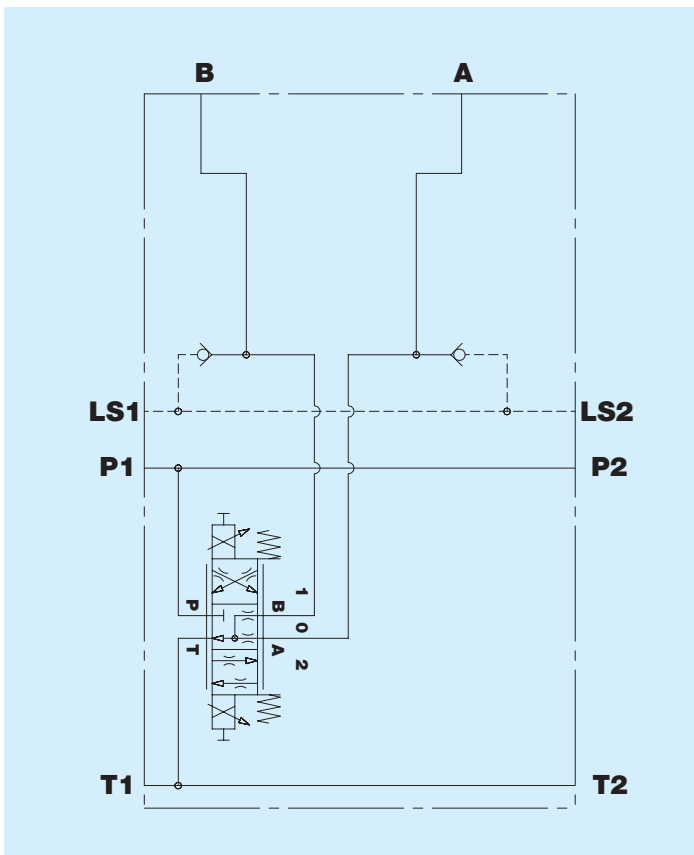


**BW0511BP - Elemento 4/3 Proporzionale con segnale
Load Sensing
Interfaccia IBW0511**

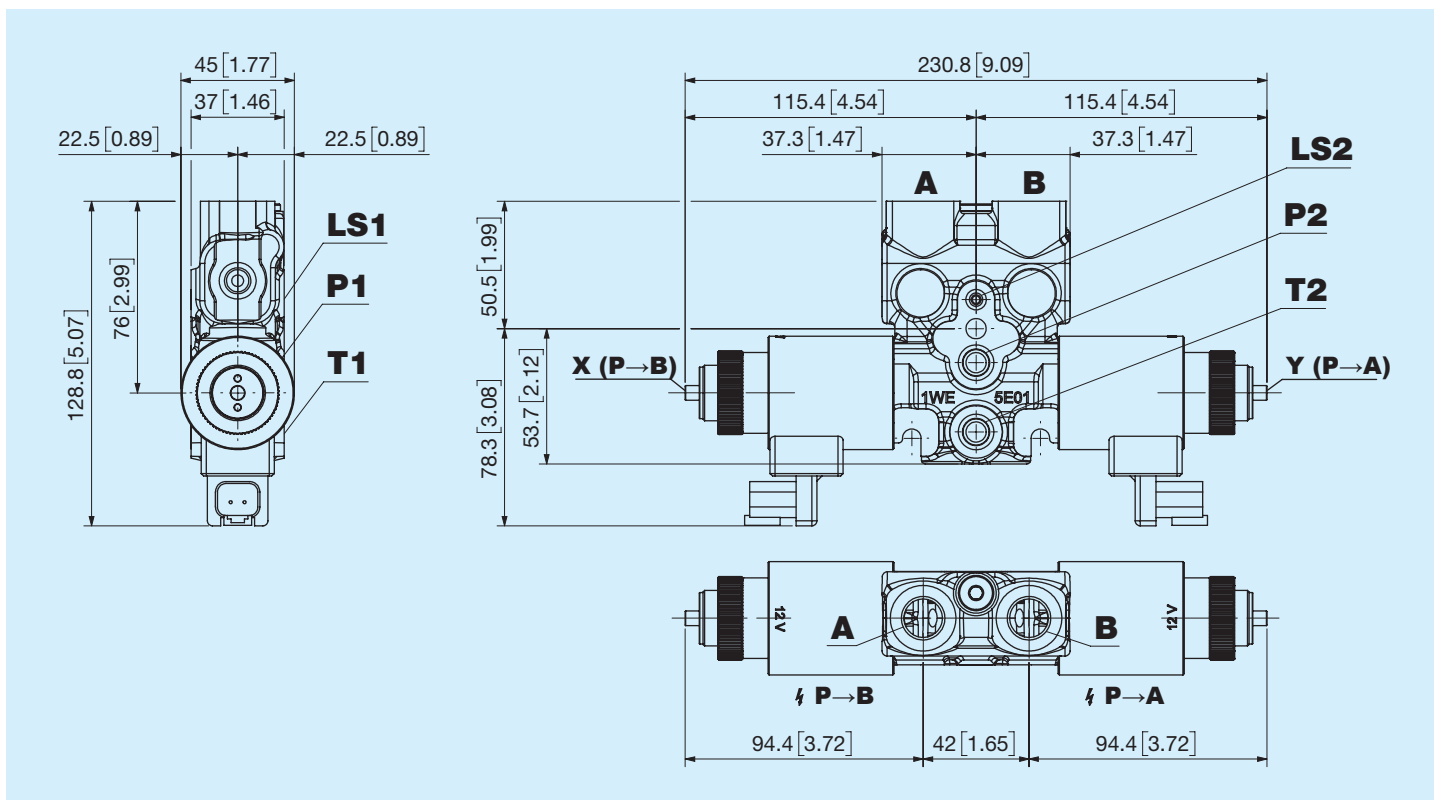


Prima di iniziare l'utilizzo leggere attentamente il documento ISTRUZIONI GENERALI D'IMPIEGO PER LE VALVOLE DI CONTROLLO DIREZIONALE

Portata nominale	37 l/min - $\Delta P=18$ bar 9,77 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	1,7 Kg 3,75 lb
Interfaccia	IBW0511
Isteresi	<10%

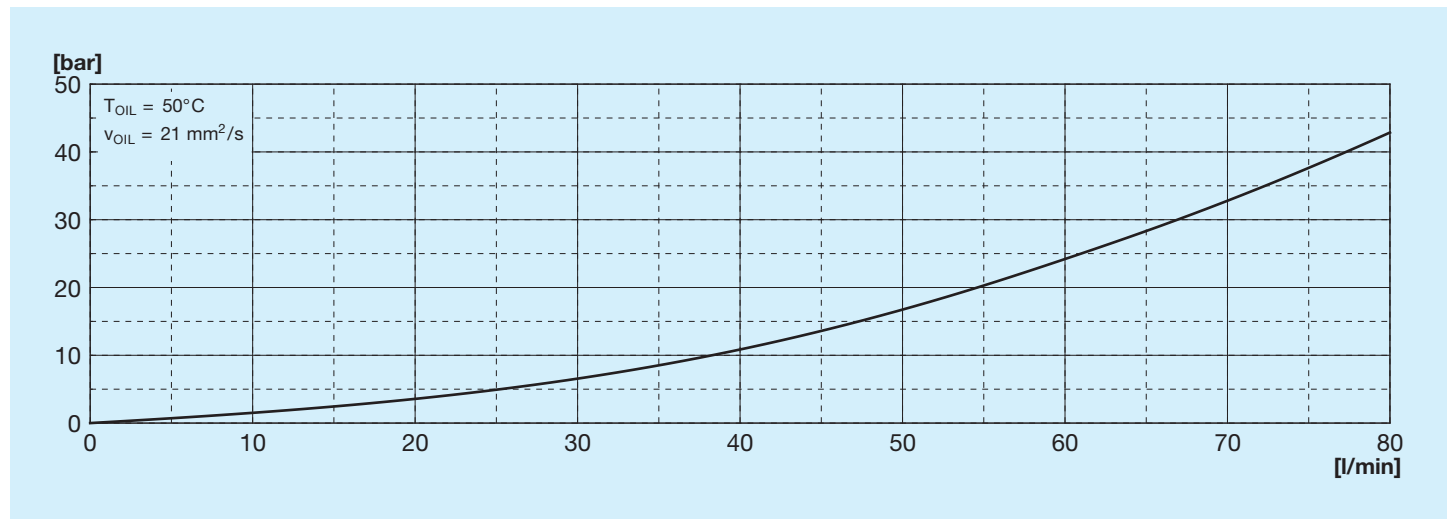


Dimensioni d'ingombro

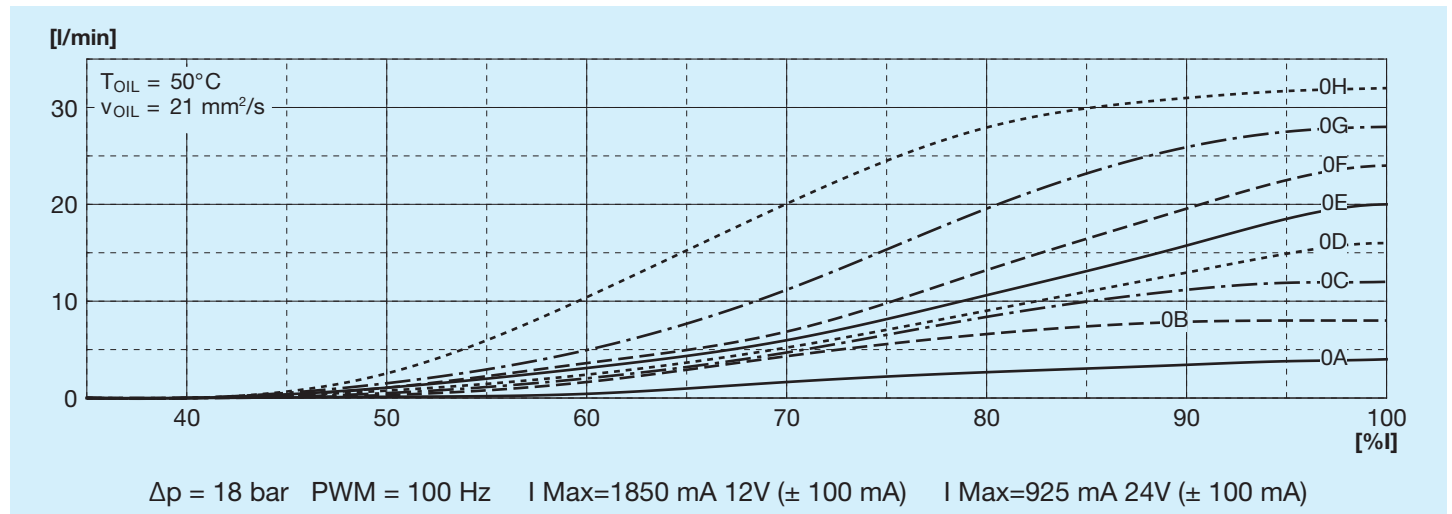


X - Y = Emergenza manuale in spinta

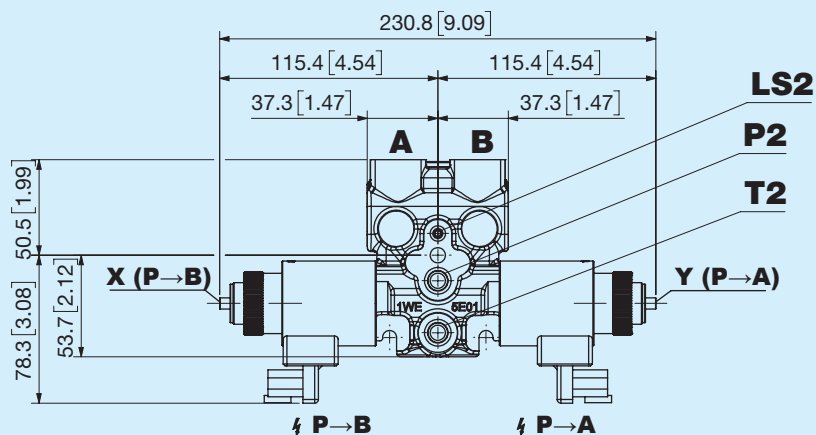
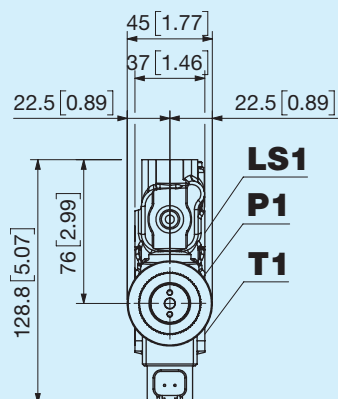
Curva caratteristica B-T



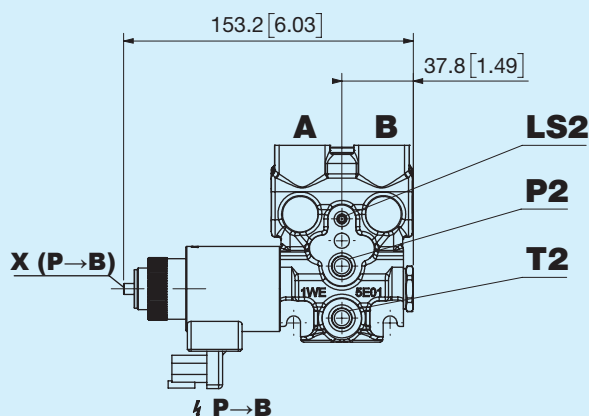
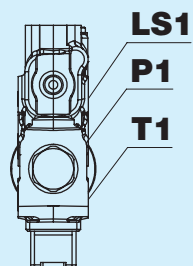
Curva caratteristica Metering



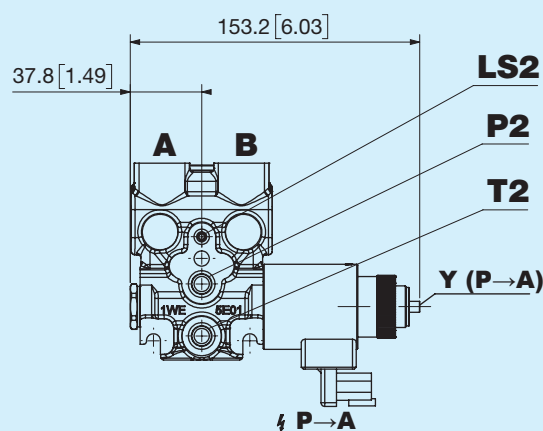
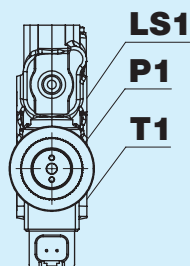
A Due bobine lato bocca A e B



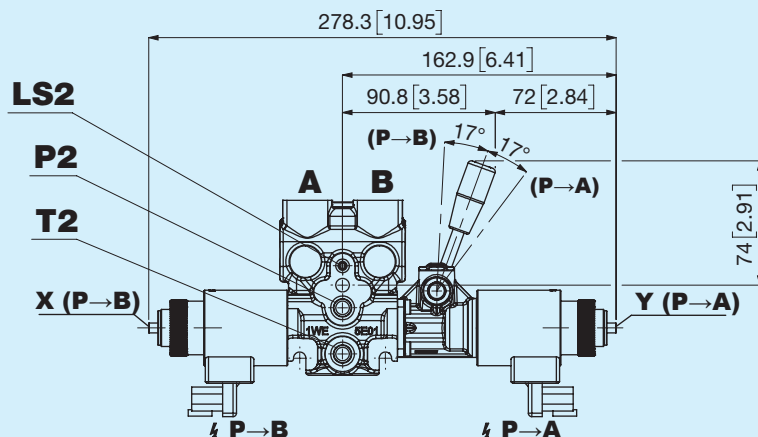
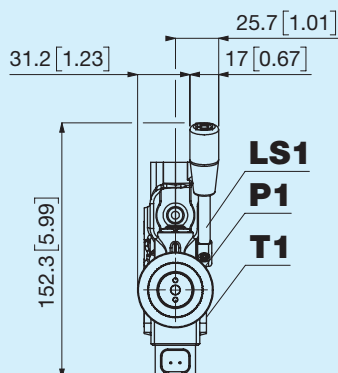
E Una bobina lato bocca A



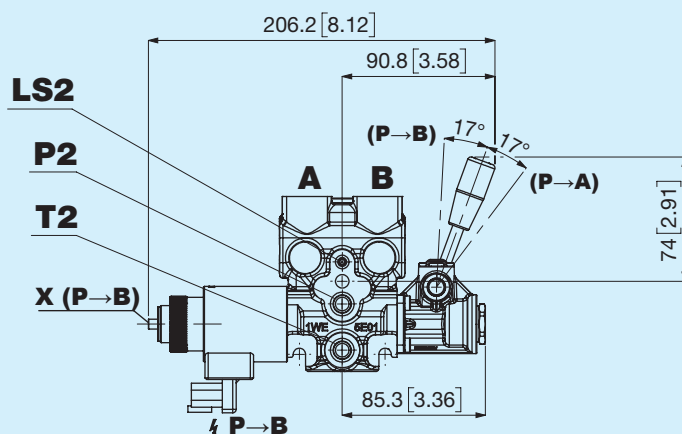
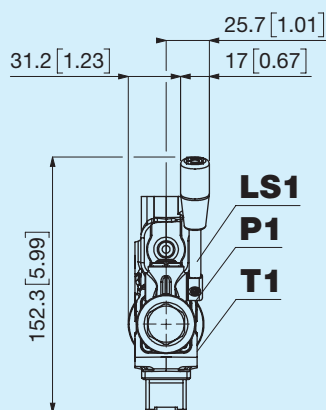
F Una bobina lato bocca B



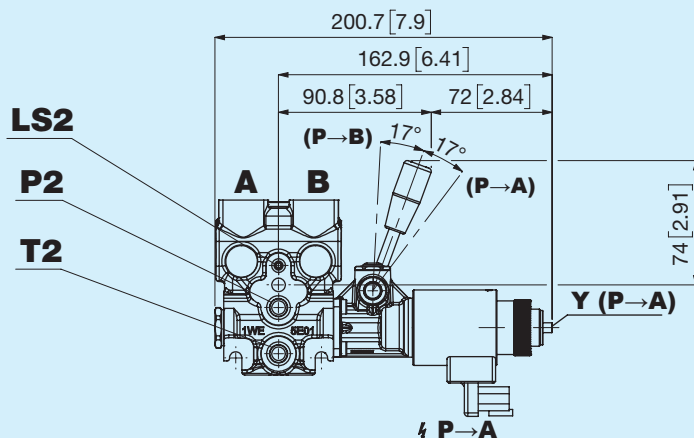
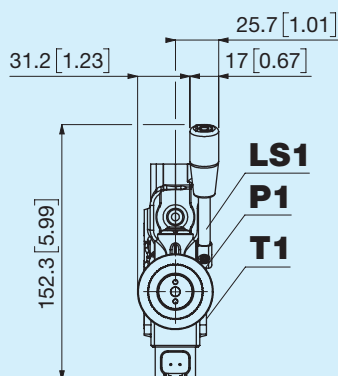
B Due bobine lato bocca A e B e leva di emergenza



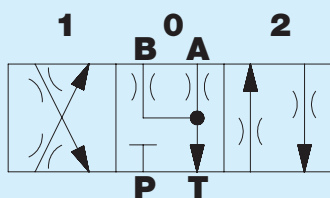
C Una bobina lato bocca A e leva di emergenza



D Una bobina lato bocca B e leva di emergenza



003 Circuito



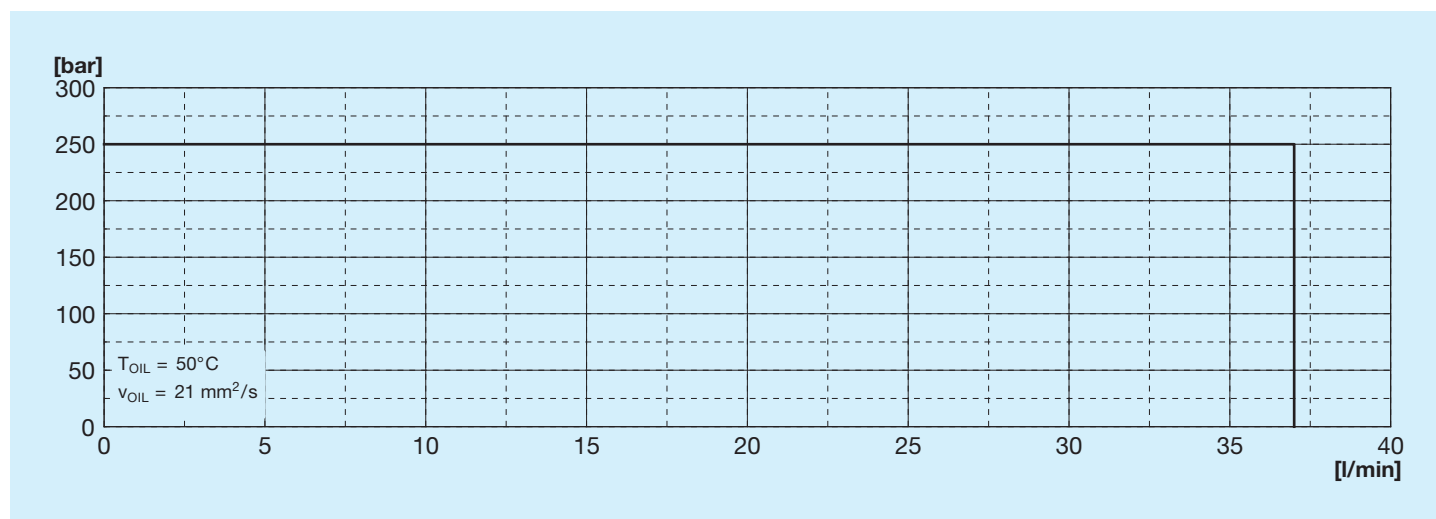
Posizioni

1	0	2
P→A B→T	B,A→T P—	P→B A→T

Portata

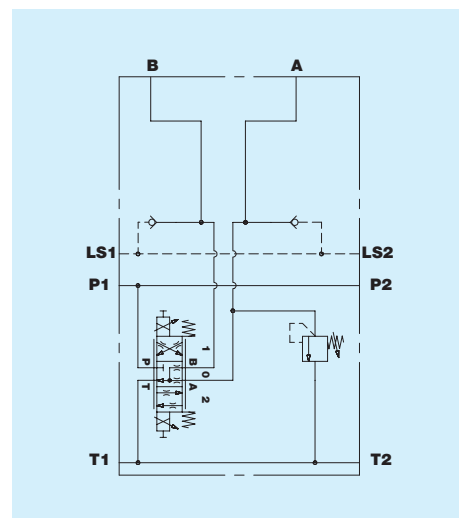
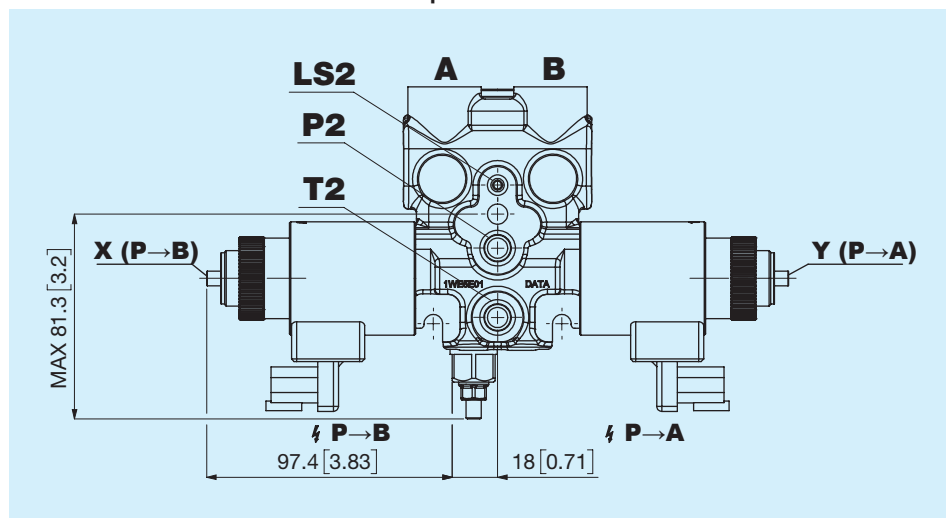
Codice	l/min	US gpm
0A	5,5	1,45
0B	11	2,90
0C	16	4,22
0D	21	5,54
0E	26	6,87
0F	31	8,19
0G	37	9,77

Limiti di impiego per circuito

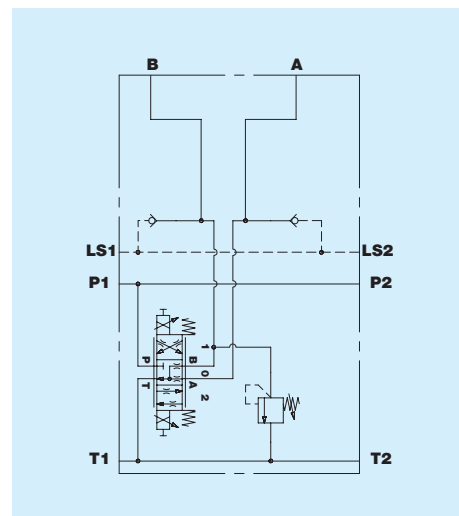
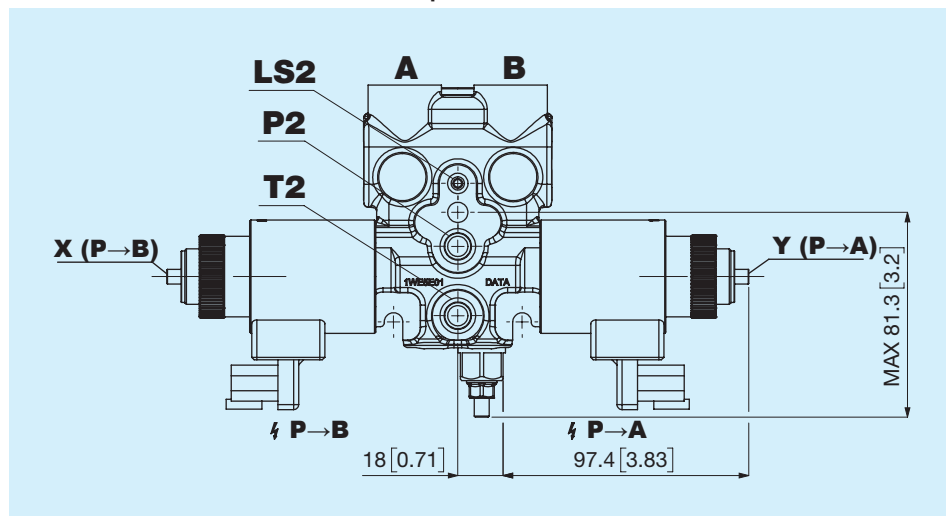


Codice	Tipo	Serraggio Nm
A	3/8" GAS ISO 1179	40
C	M18x1,5 ISO 9974	40
W	M18x1,5 ISO 6149	40
E	3/4" 16 SAE ISO 11926	45

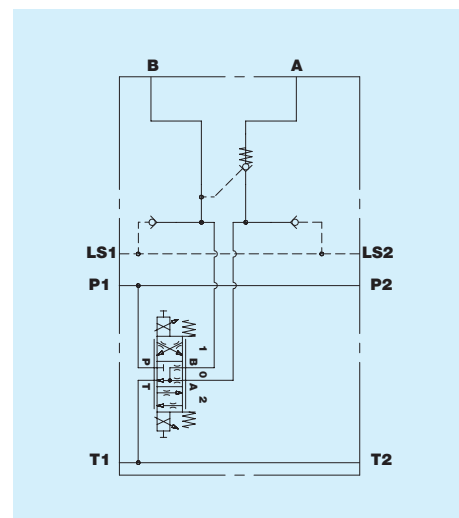
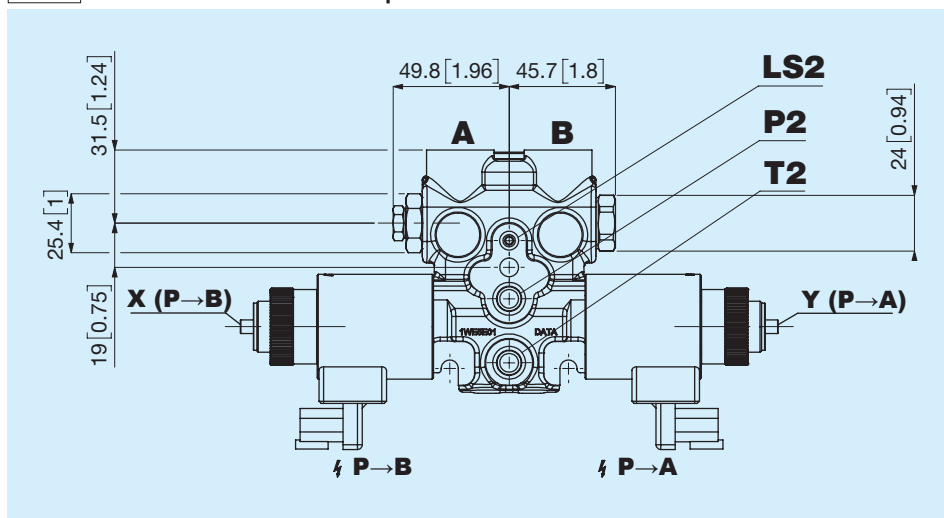
VL - Valvola limitatrice di pressione bocca A



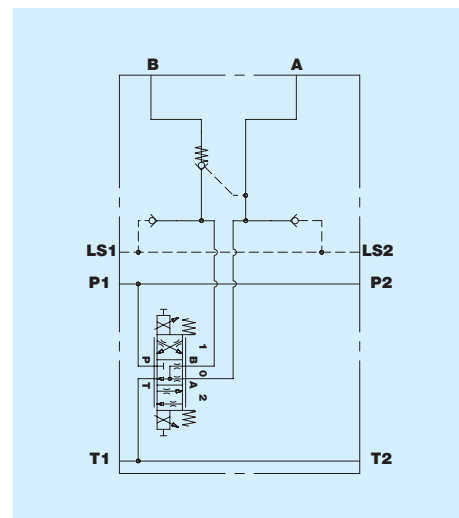
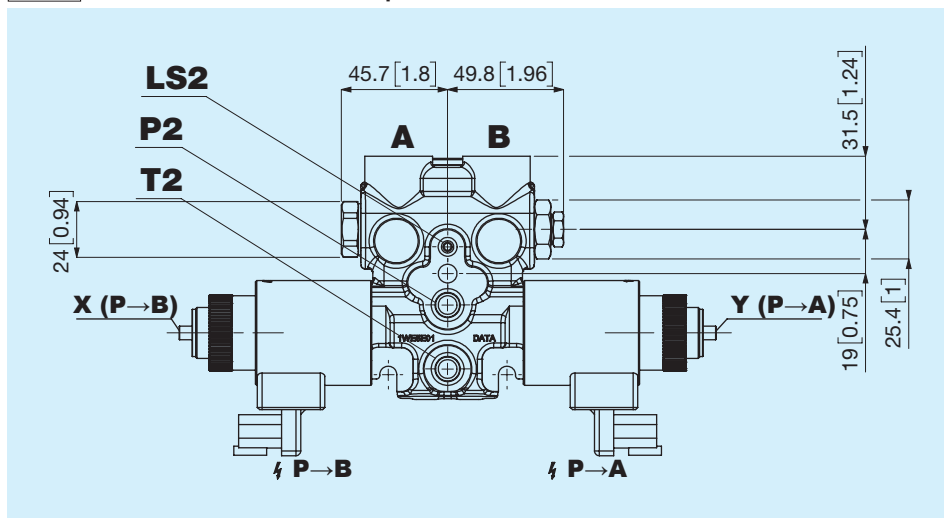
VL - Valvola limitatrice di pressione bocca B



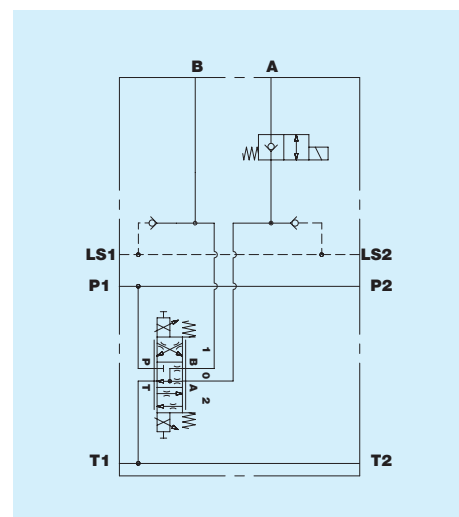
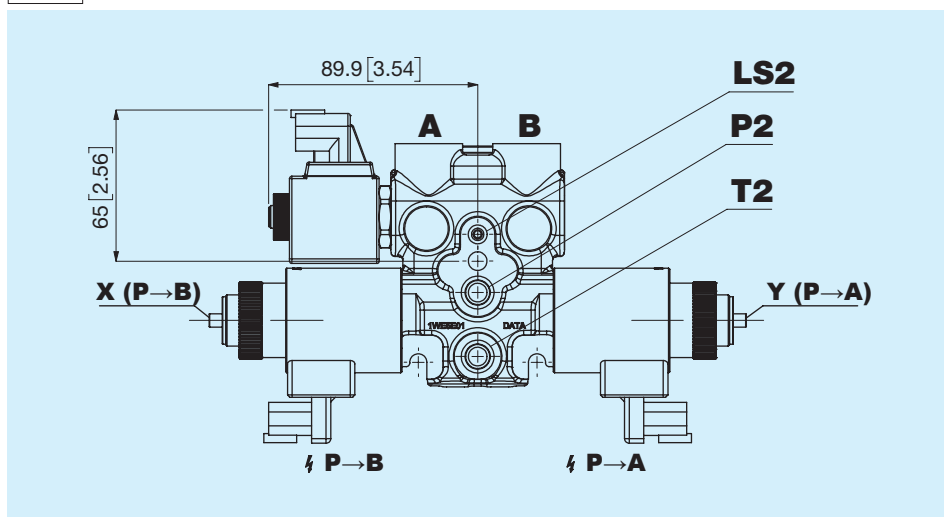
VB Valvola di blocco pilotata bocca A



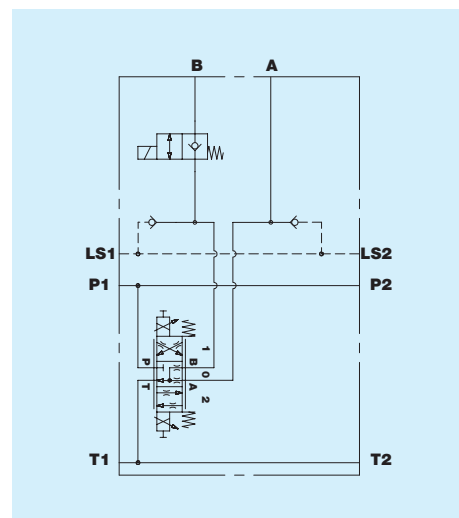
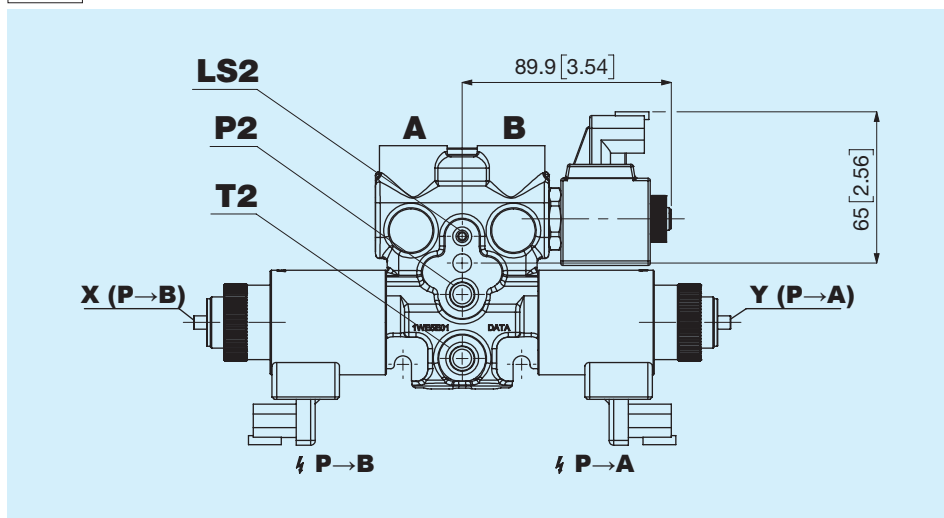
VB Valvola di blocco pilotata bocca B



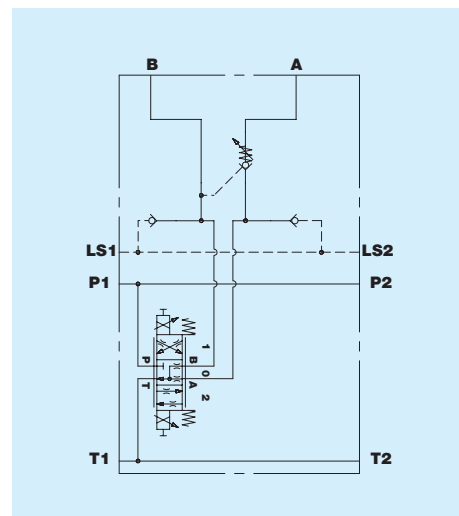
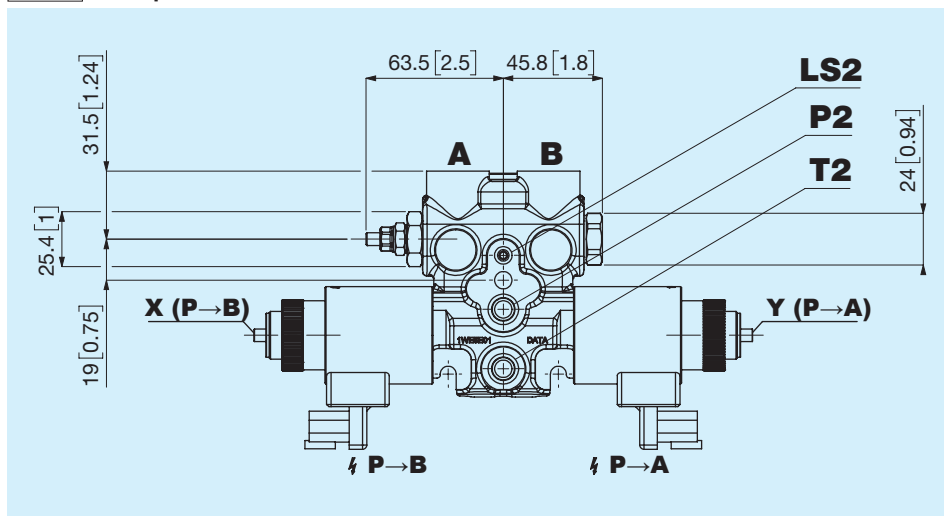
NE Elettrovalvola 2/2 bocca A



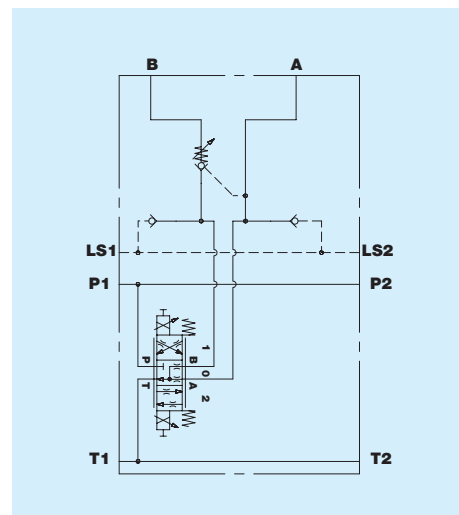
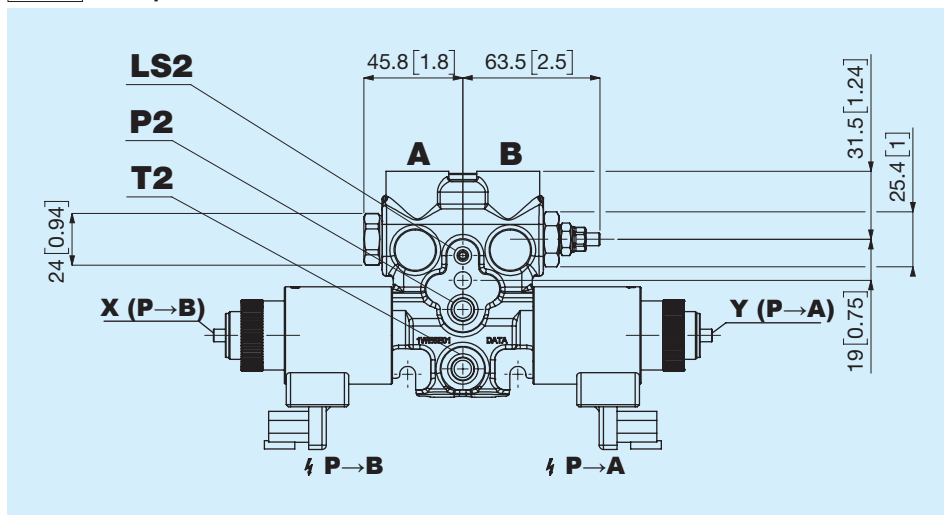
NE Elettrovalvola 2/2 bocca B



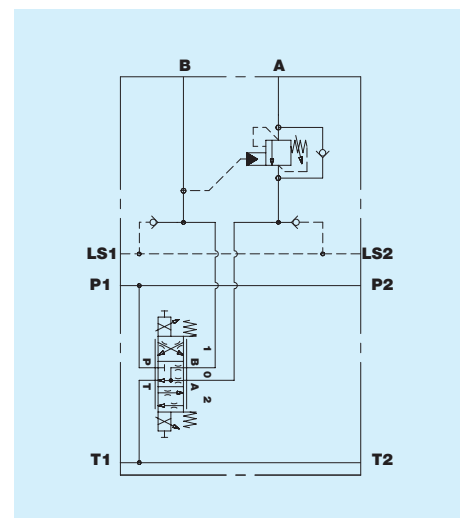
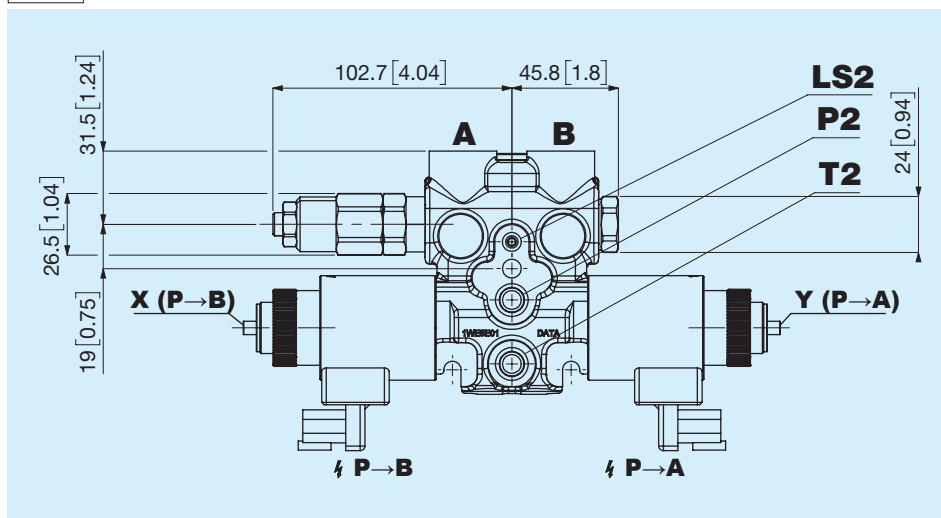
VG VB pilotata con strozzatore bidirezionale bocca A



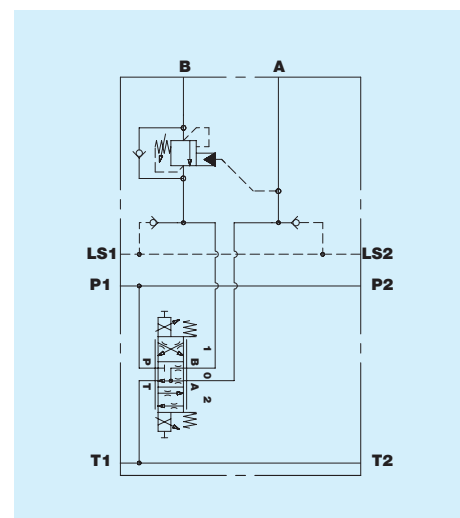
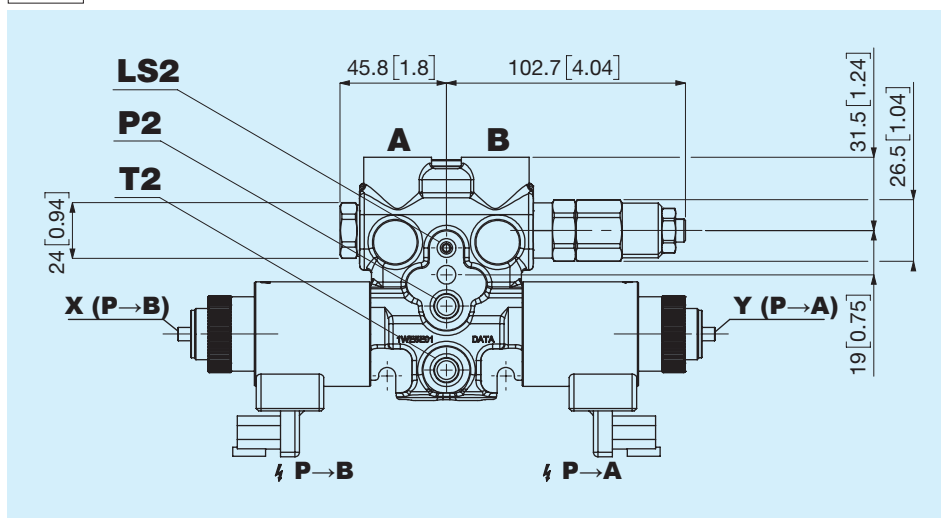
VG VB pilotata con strozzatore bidirezionale bocca B



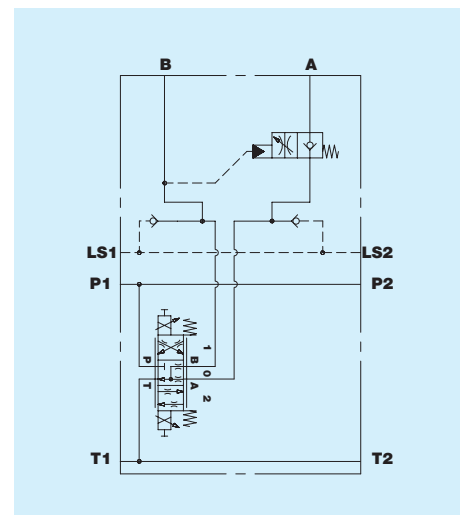
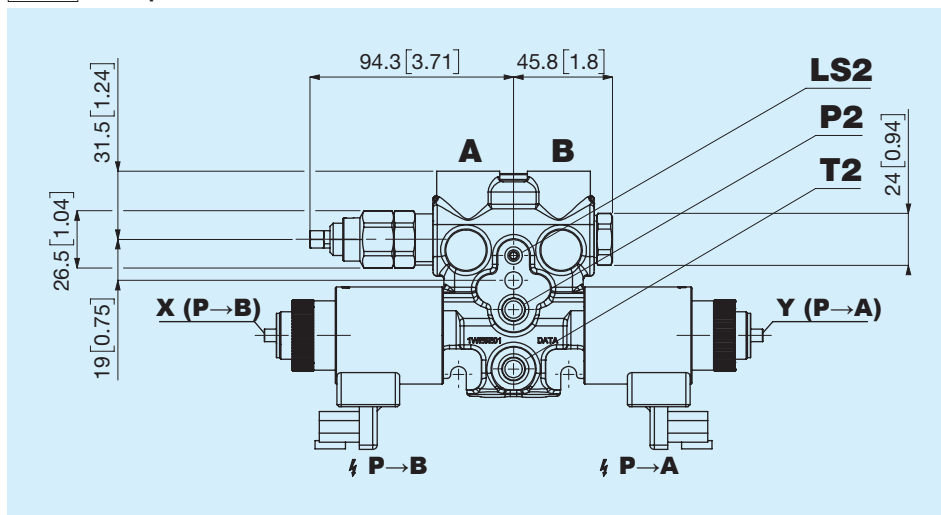
OV Over-center bocca A



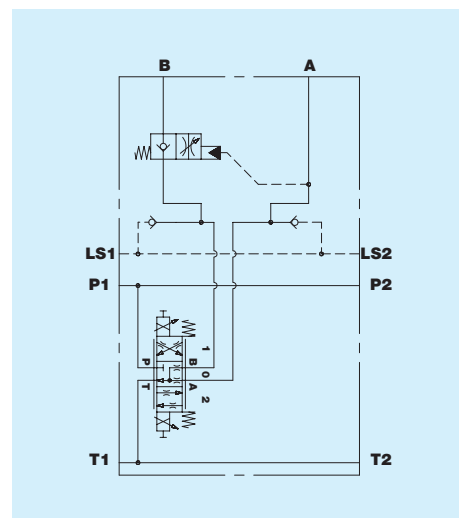
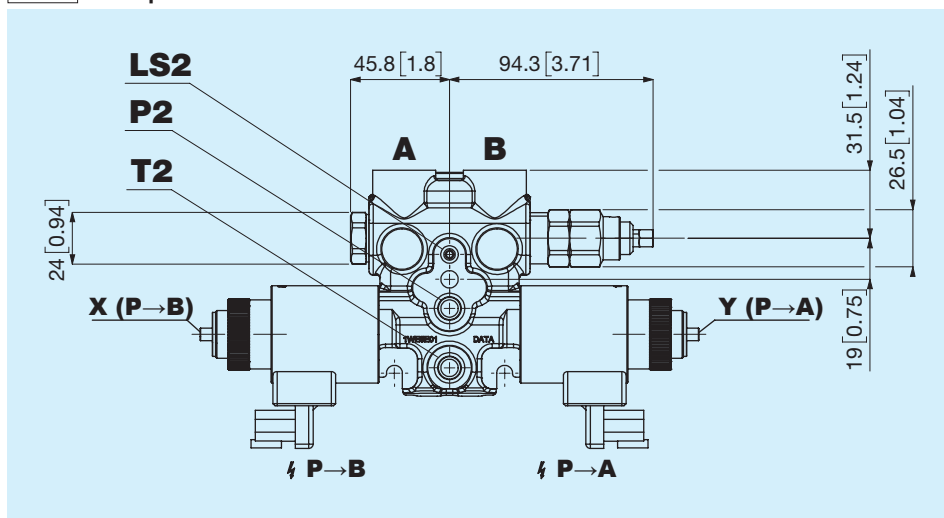
OV Over-center bocca B



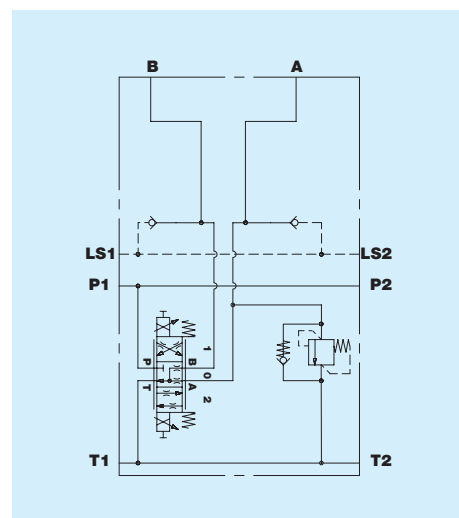
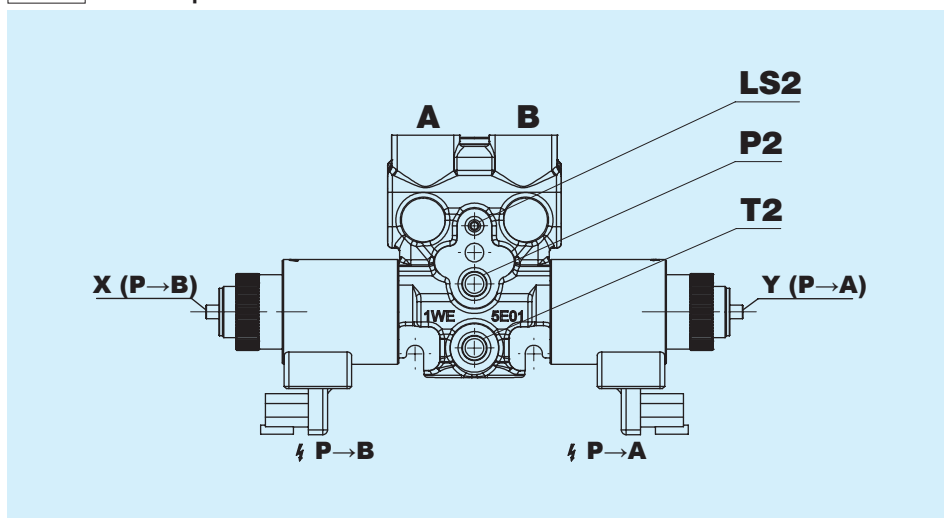
FP VB pilotata con strozzatore unidirezionale bocca A



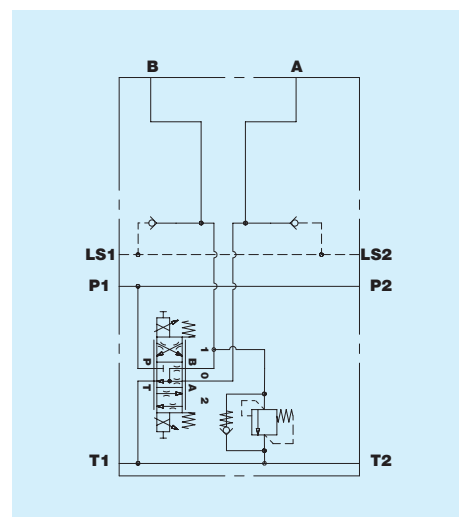
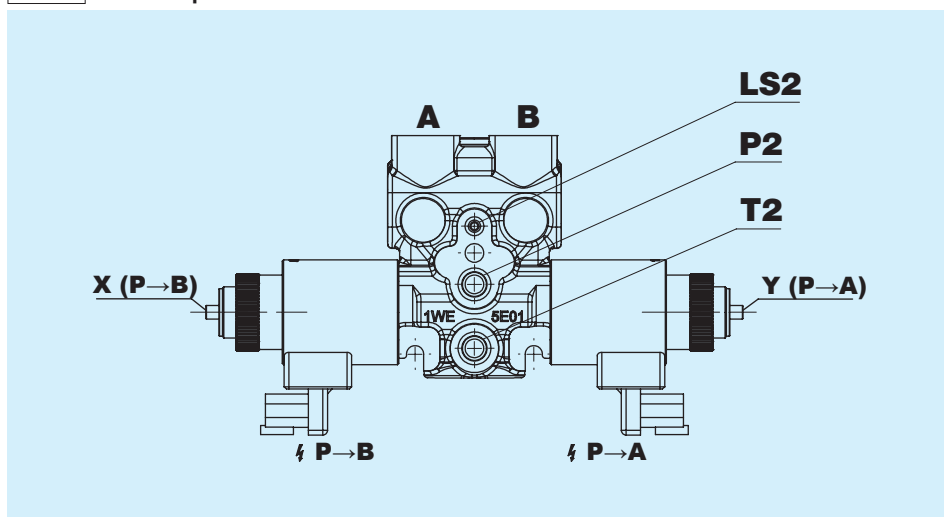
FP VB pilotata con strozzatore unidirezionale bocca B



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	VG	OV	FP	RC
NN	•	•	•	•	•	•	•	•
VL	•	•	•	•	•	•	•	
VB	•	•	•		•			
NE	•	•		•				•
VG	•	•	•		•			
OV	•	•				•		
FP	•	•					•	
RC	•			•				•

NN - Nessuna

VL - Valvola limitatrice di pressione

VB - Valvola di blocco pilotata

NE - Elettrovalvola 2/2

VG - Valvola di blocco pilotata con strozzatore bidirezionale

OV - Over-center

FP - Valvola di blocco pilotata con strozzatore unidirezionale

RC - Valvola limitatrice di pressione ed anticavitazione interna

BW0511BP	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 5,5 l/min - 1,45 US gpm	0C 16 l/min - 4,22 US gpm	0E 26 l/min - 6,87 US gpm	0G 37 l/min - 9,77 US gpm						
	0B 11 l/min - 2,90 US gpm	0D 21 l/min - 5,54 US gpm	0F 31 l/min - 8,19 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	OV Over-center	RC Valvola limitatrice di pressione ed anticavitazione						
	VB Valvola di blocco pilotata	VG Valvola di blocco pilotata con stroz. bidirezionale	FP Valvola di blocco pilotata con stroz. unidirezionale							
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	NE Elettrovalvola 2/2	OV Over-center	RC Valvola limitatrice di pressione ed anticavitazione						
	VB Valvola di blocco pilotata	VG Valvola di blocco pilotata con stroz. bidirezionale	FP Valvola di blocco pilotata con stroz. unidirezionale							

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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