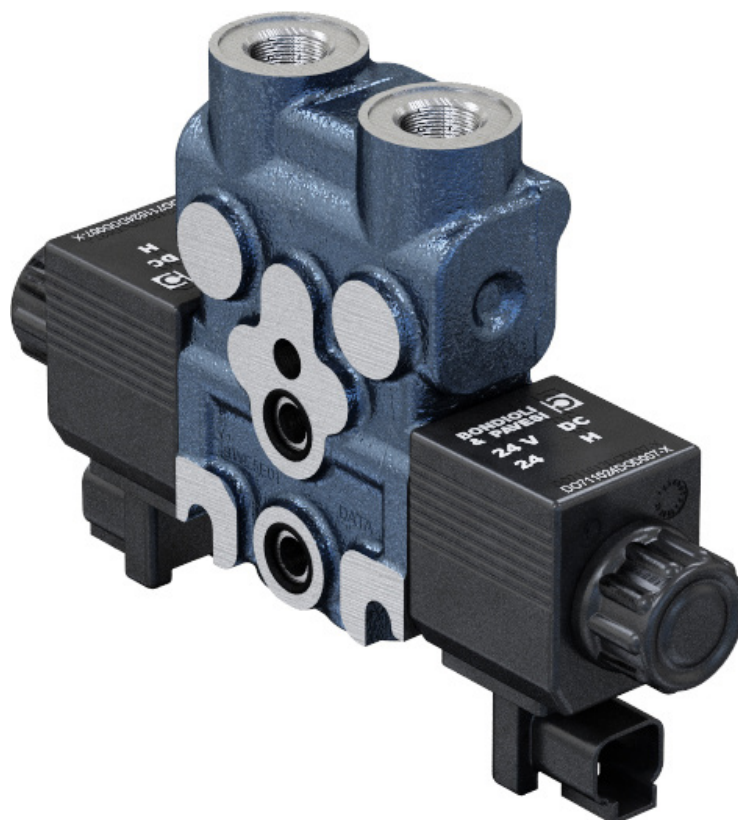
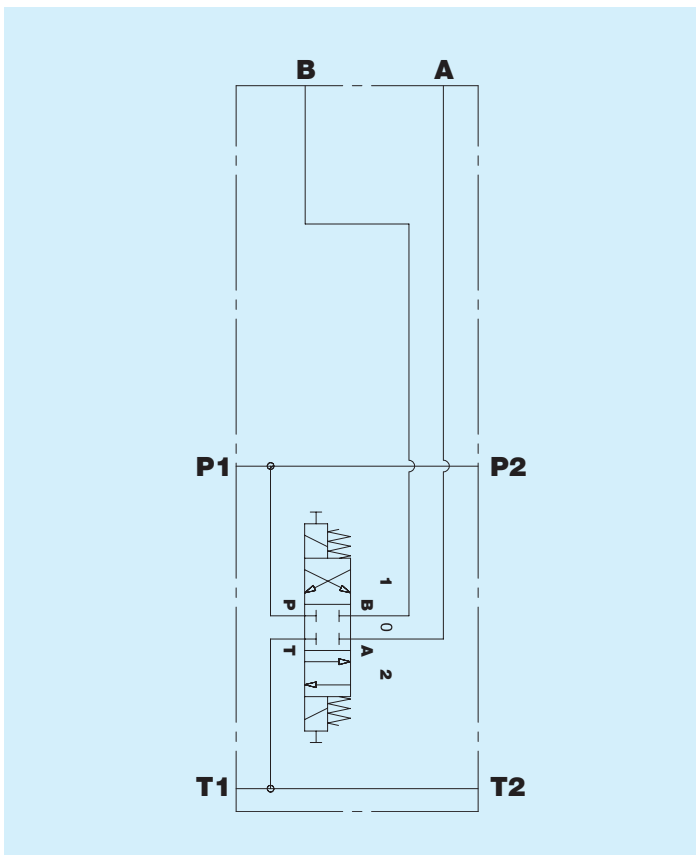


Elemento 4/3 ON - OFF con Bocche superiori
BW0500BO
Interfaccia IBW0500

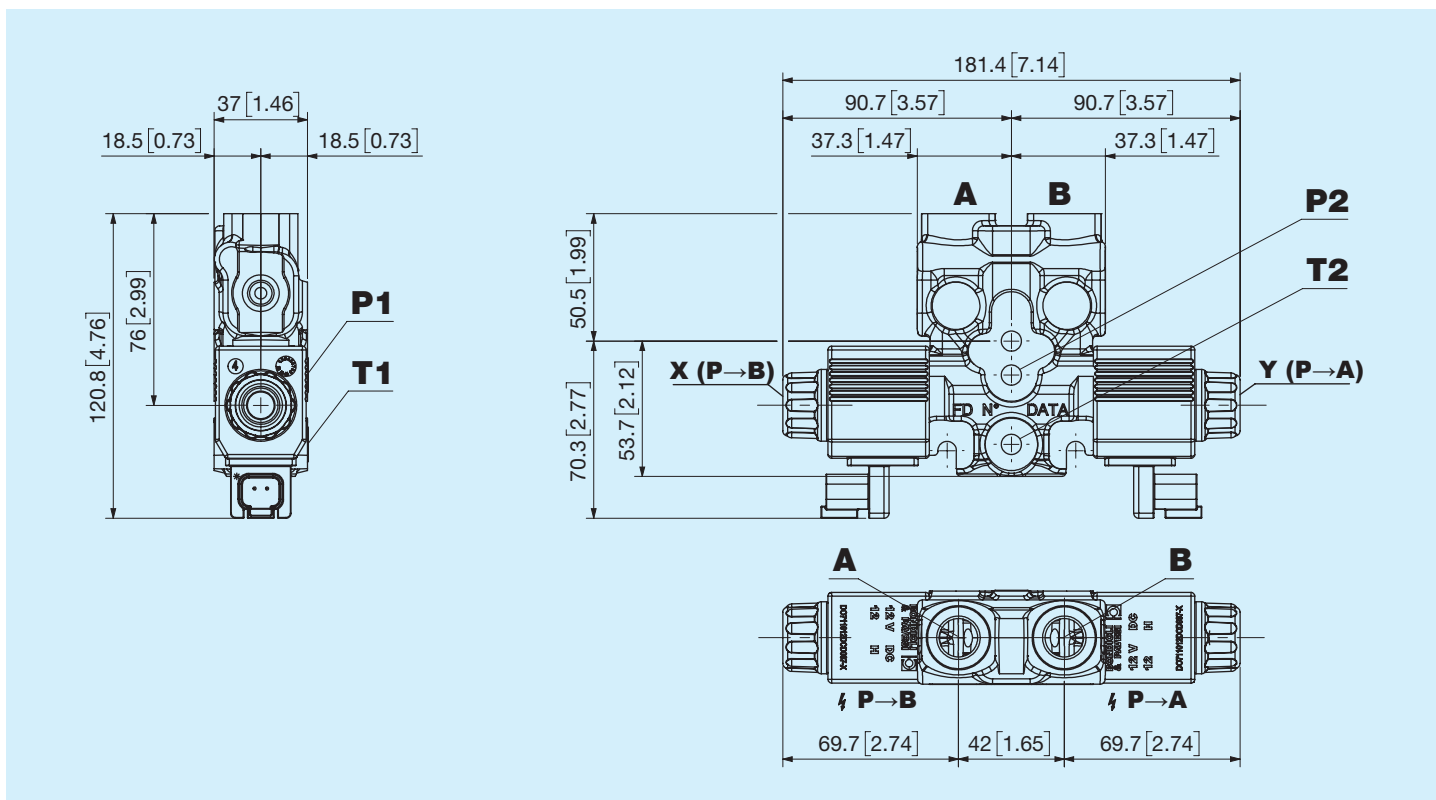


Prima di iniziare l'utilizzo leggere attentamente il documento ISTRUZIONI GENERALI D'IMPIEGO PER LE VALVOLE DI CONTROLLO DIREZIONALE

Portata nominale	50 l/min 13,2 US gpm
Pressione nominale	250 bar 3625 psi
Contropressione massima allo scarico	50 bar 725 psi
Massima trafila interna	40 ± 20 cc/min (21 cSt - 100 bar)
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	IBW0500

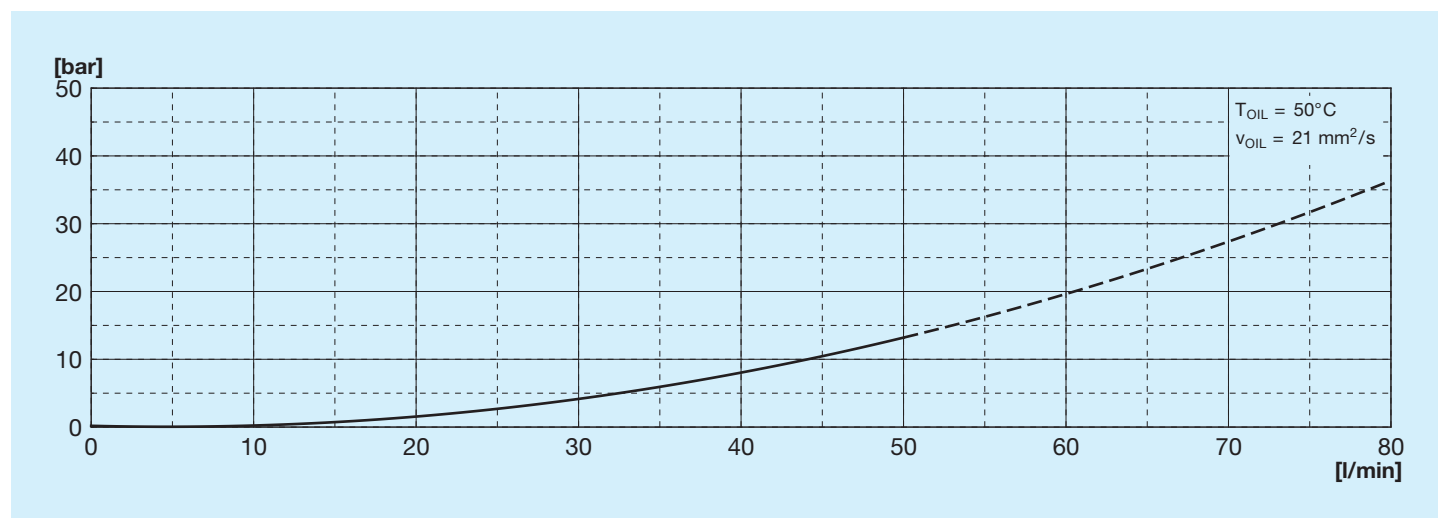


Dimensioni d'ingombro

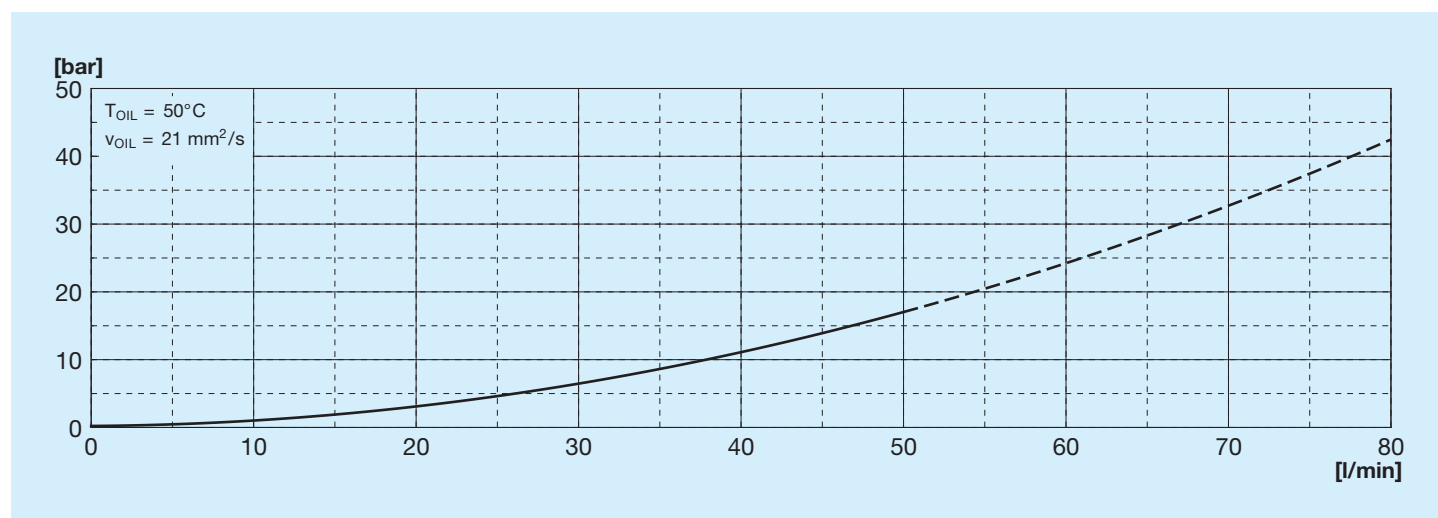


X - Y = Emergenza manuale in spinta

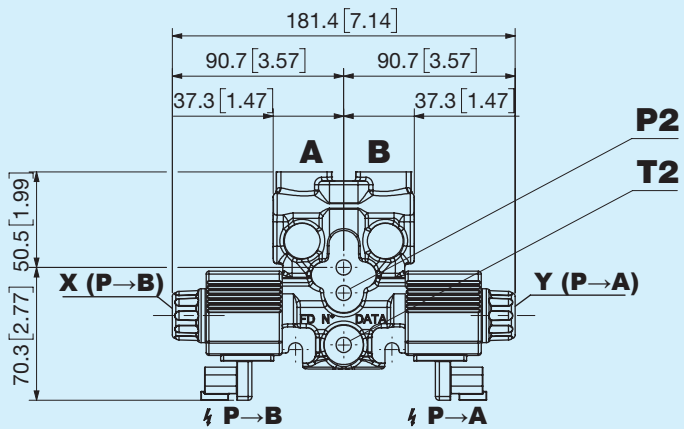
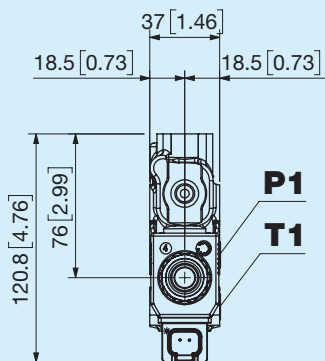
Curva caratteristica P-A/B



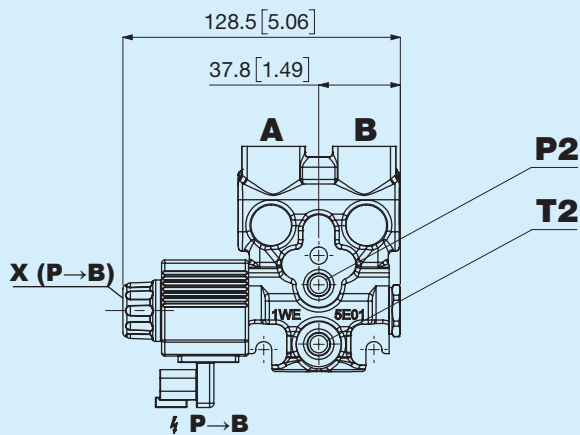
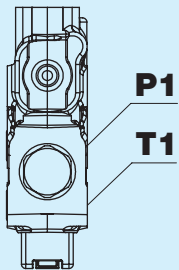
Curva caratteristica A/B-T



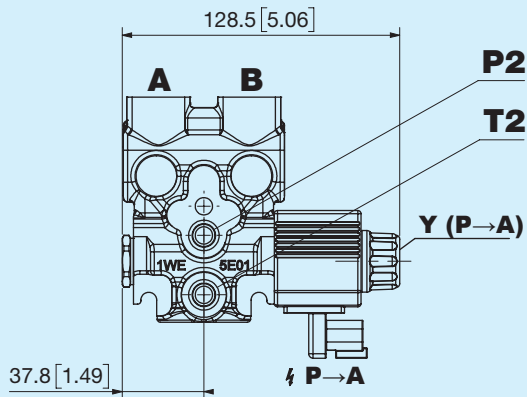
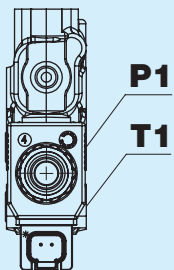
A Due bobine lato bocca A e B



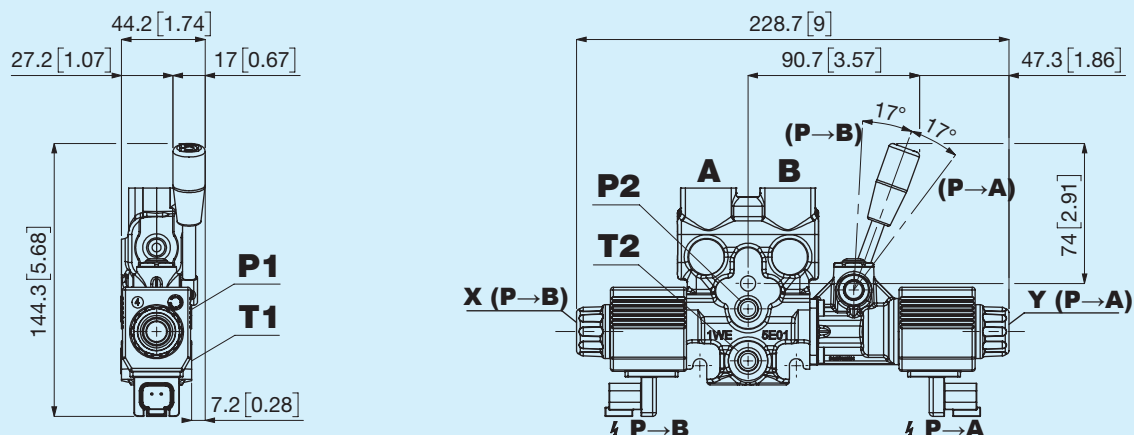
E Una bobina lato bocca A



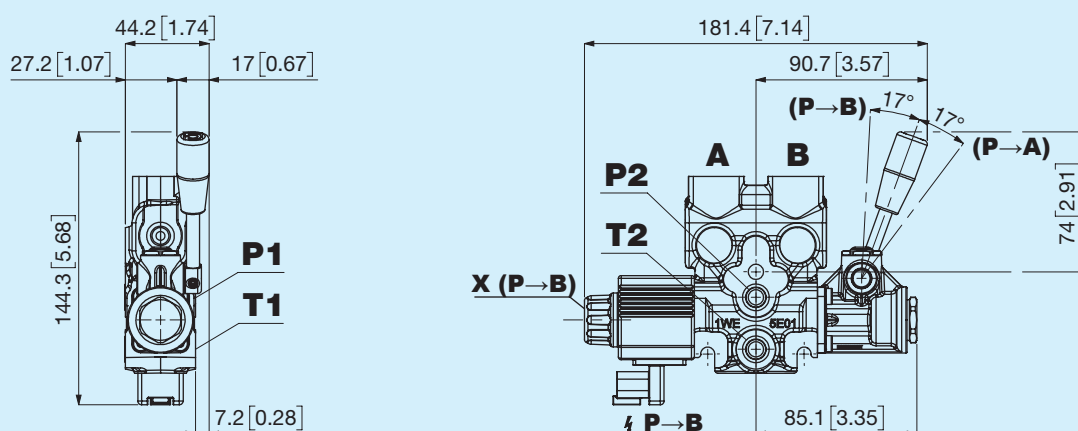
F Una bobina lato bocca B



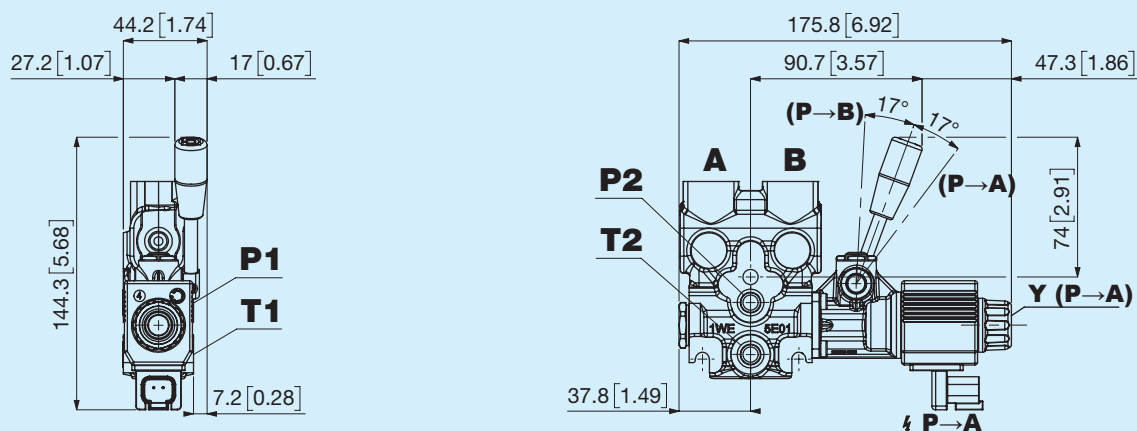
B Due bobine lato bocca A e B e leva di emergenza



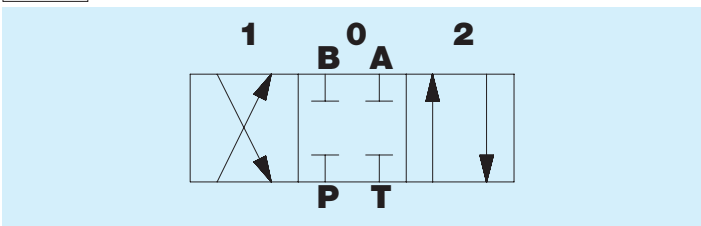
C Una bobina lato bocca A e leva di emergenza



D Una bobina lato bocca B e leva di emergenza



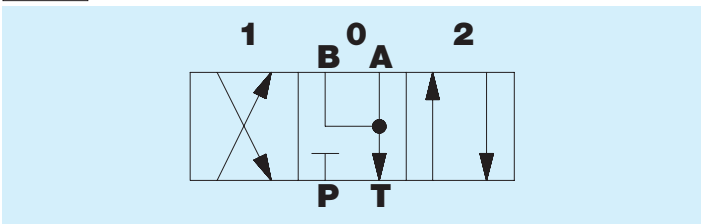
001 Circuito



Posizioni

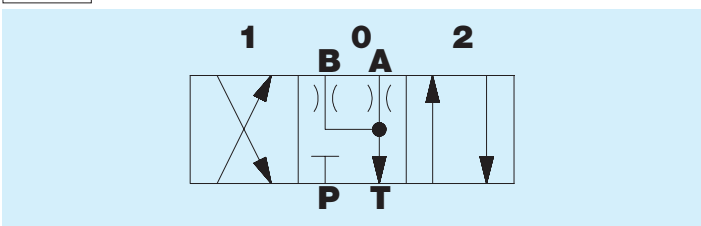
1	0	2
$P \rightarrow A$ $B \rightarrow T$	$P \dashv T \dashv$ $A \dashv B \dashv$	$P \rightarrow B$ $A \rightarrow T$

003 Circuito



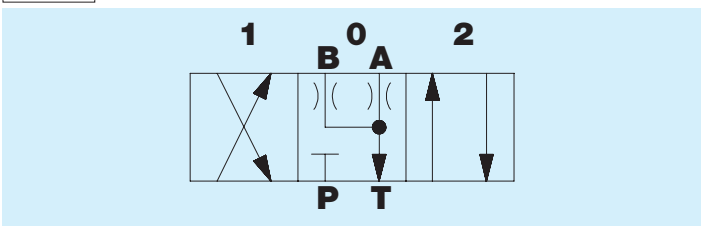
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$P \rightarrow A$ $B \rightarrow T$	$A, B \rightarrow T$ $P \dashv$	$P \rightarrow B$ $A \rightarrow T$

03S Circuito



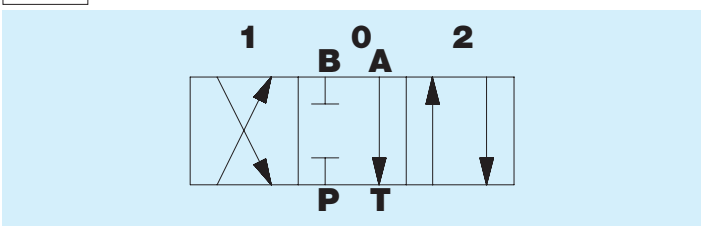
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3SS Circuito



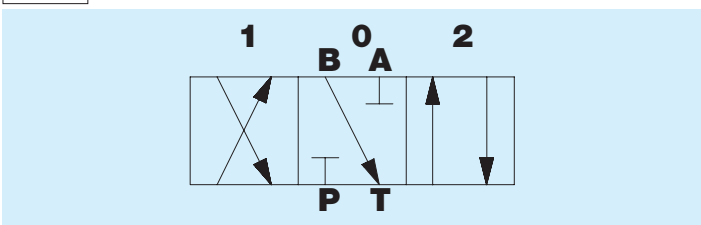
1	0	2
$P \rightarrow A$ $B \rightarrow T$	$A, B \rightarrow T$ $P \dashv$	$P \rightarrow B$ $A \rightarrow T$

008 Circuito



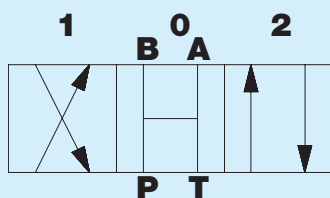
1	0	2
$P \rightarrow A$ $B \rightarrow T$	$A \rightarrow T$ $B, P \dashv$	$P \rightarrow B$ $A \rightarrow T$

010 Circuito



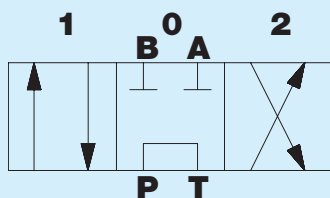
1	0	2
$P \rightarrow A$ $B \rightarrow T$	$B \rightarrow T$ $A, P \dashv$	$P \rightarrow B$ $A \rightarrow T$

038 Circuito



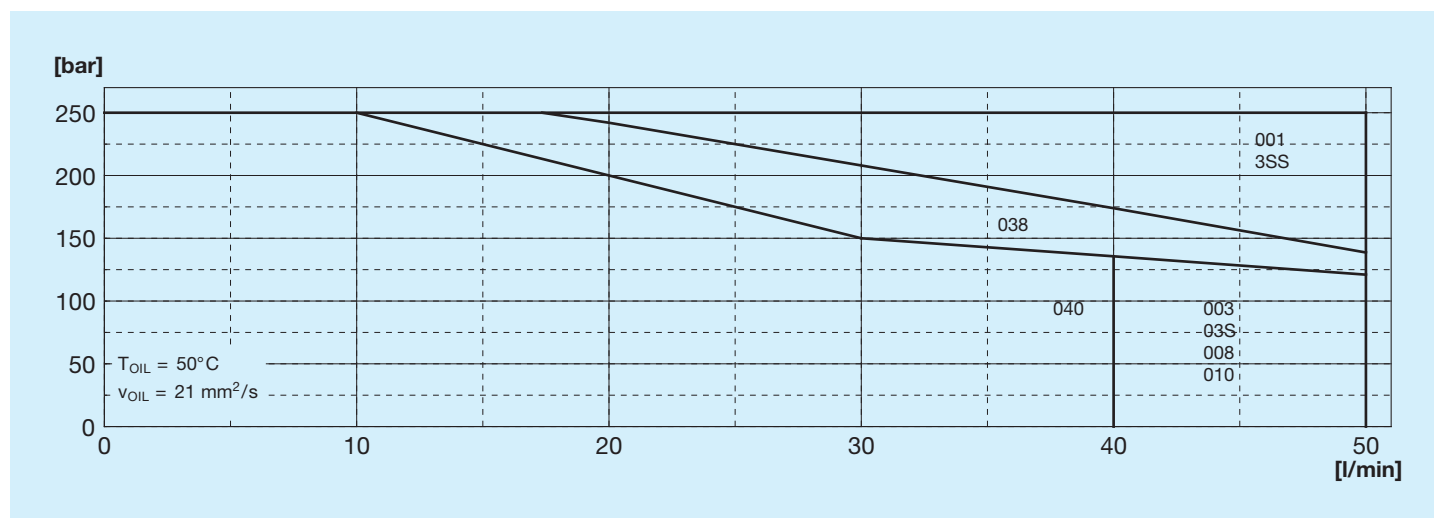
1	0	2
$P \rightarrow A$ $B \rightarrow T$	$P, A, B \rightarrow T$	$P \rightarrow B$ $A \rightarrow T$

040 Circuito



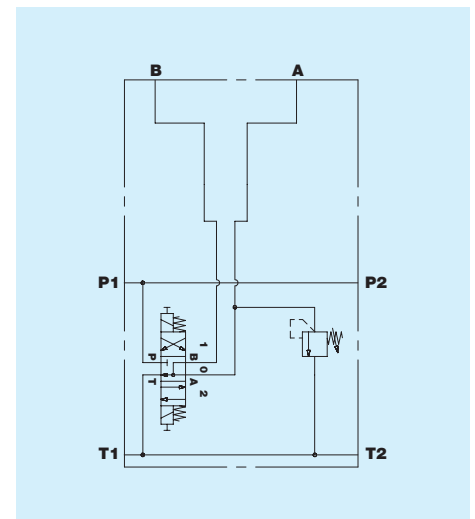
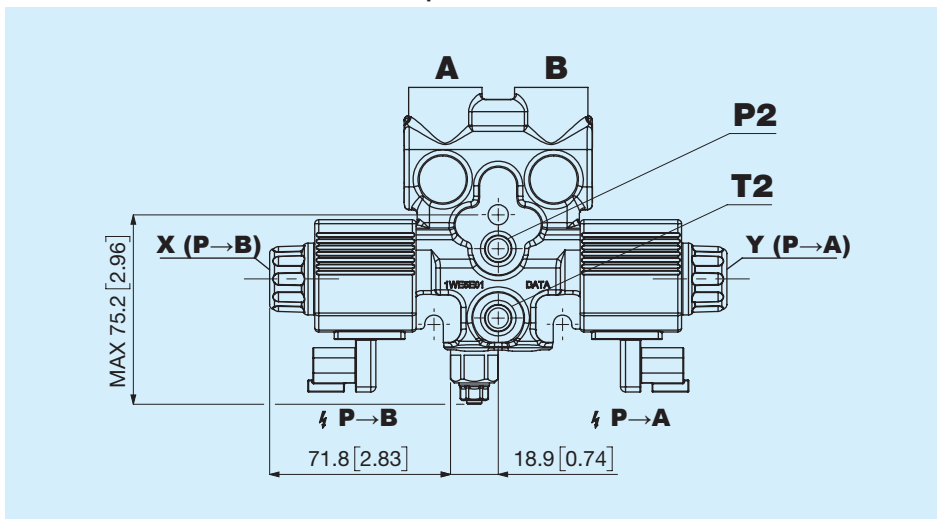
1	0	2
$P \rightarrow B$ $A \rightarrow T$	$P \rightarrow T$ $A, B \rightarrow T$	$P \rightarrow A$ $B \rightarrow T$

Limiti di impiego per circuito

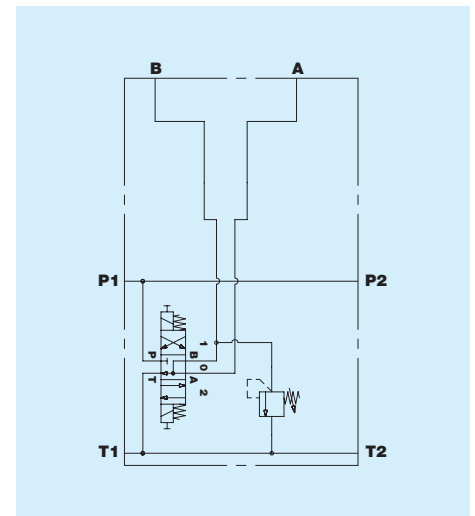
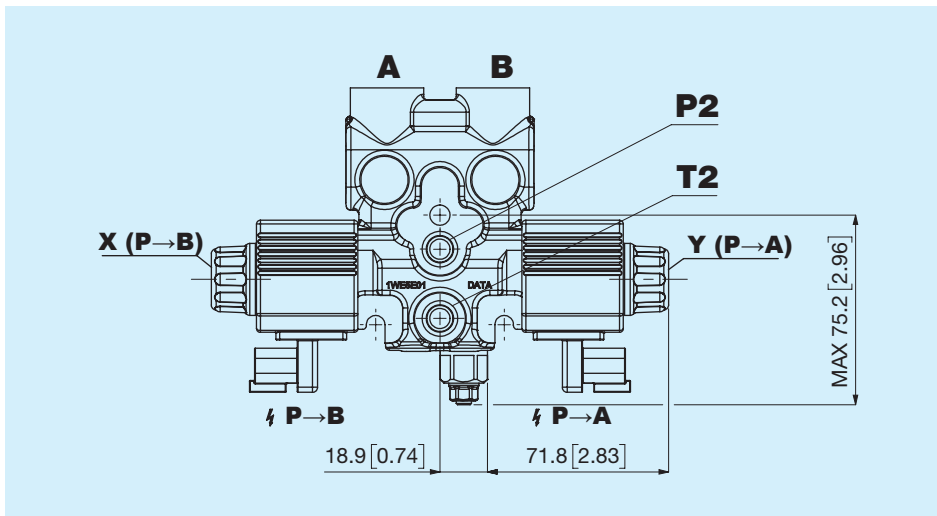


Codice	Tipo	Serraggio Nm
A	3/8" GAS ISO 1179	40
C	M18x1,5 ISO 9974	40
W	M18x1,5 ISO 6149	40
E	3/4" 16 SAE ISO 11926	50

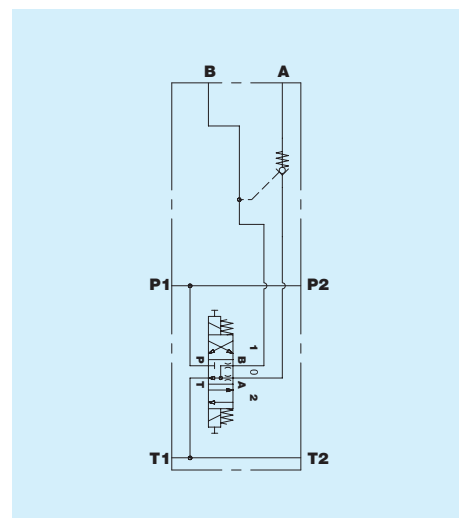
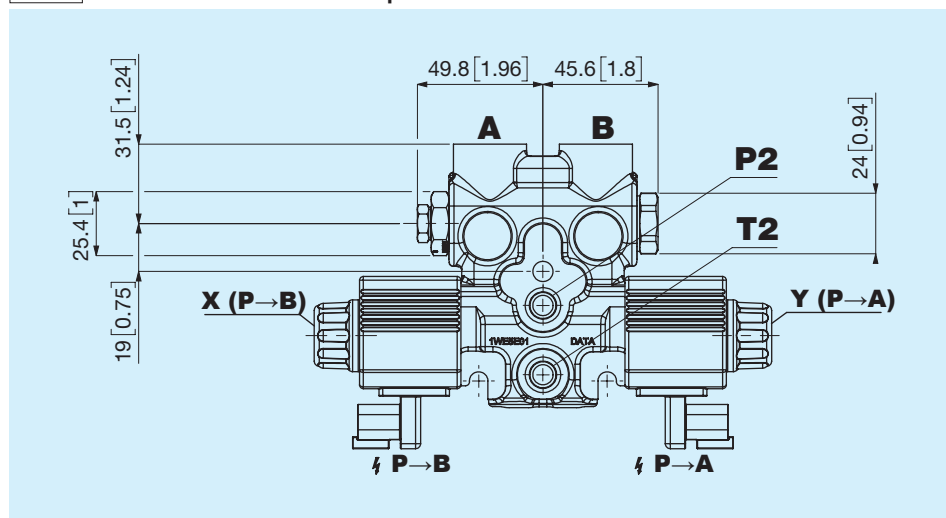
VL - Valvola limitatrice di pressione bocca A



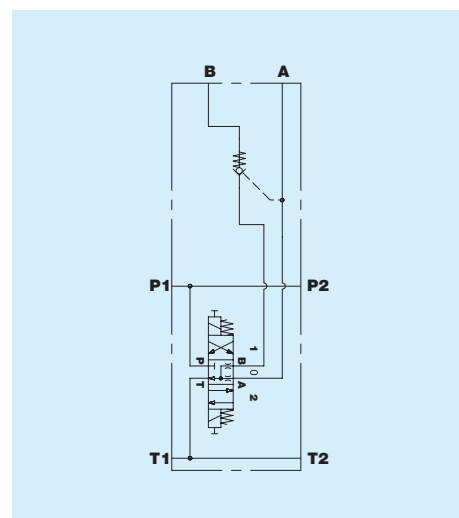
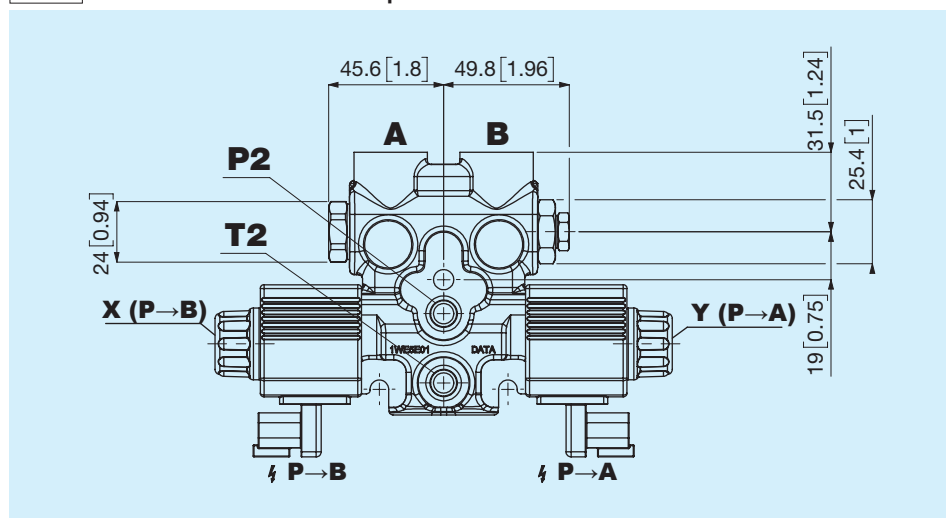
VL - Valvola limitatrice di pressione bocca B



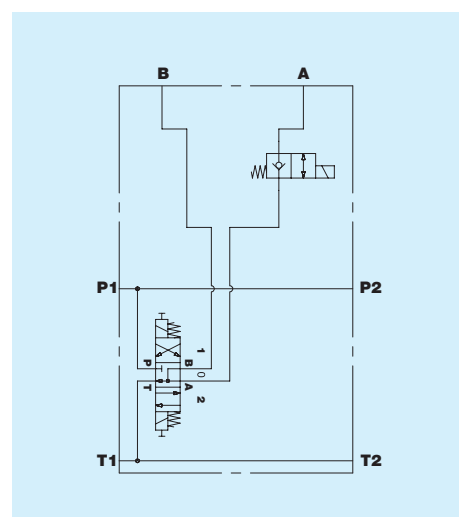
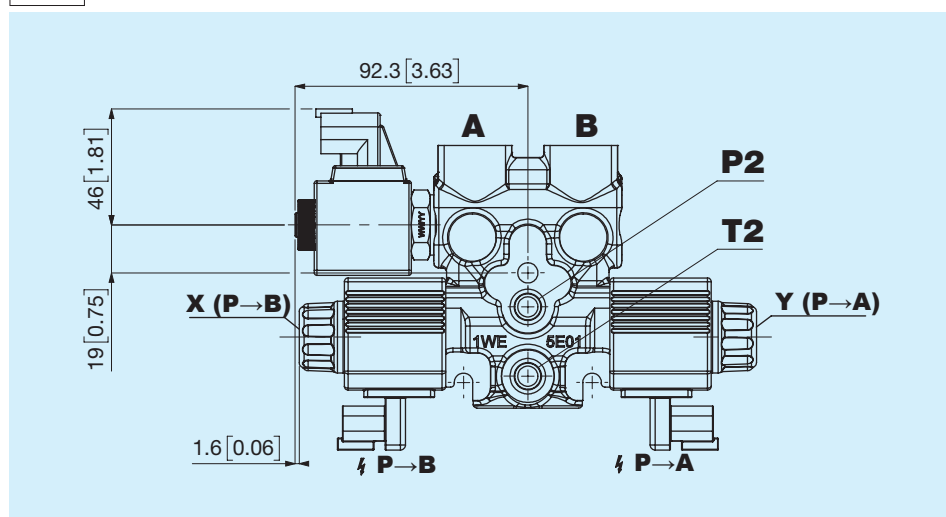
VB Valvola di blocco pilotata bocca A



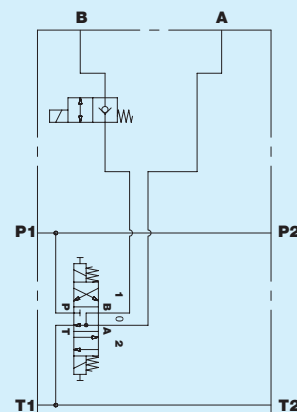
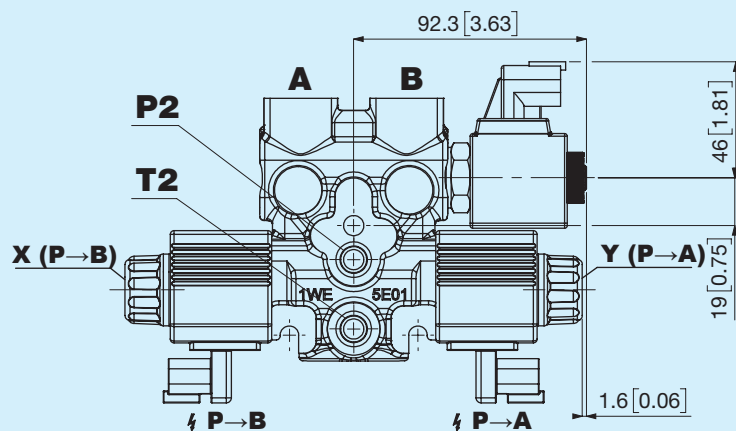
VB Valvola di blocco pilotata bocca B



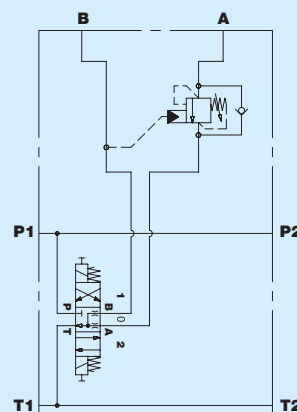
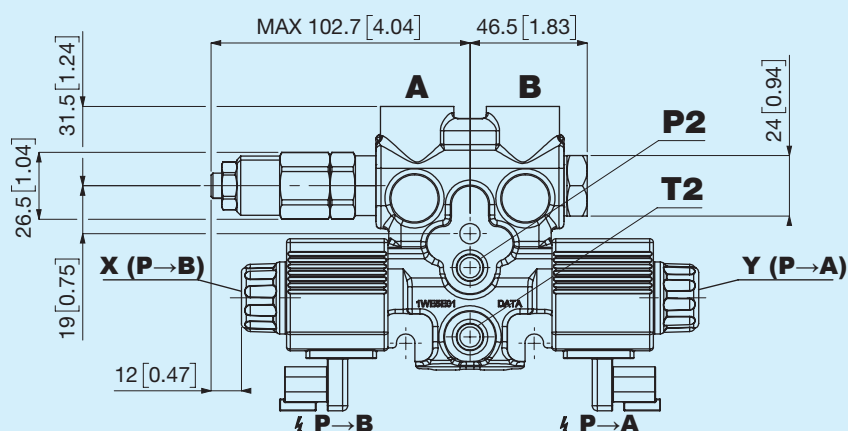
NE Elettrovalvola 2/2 bocca A



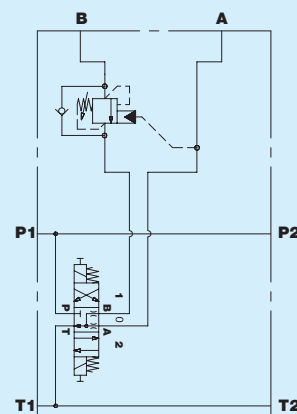
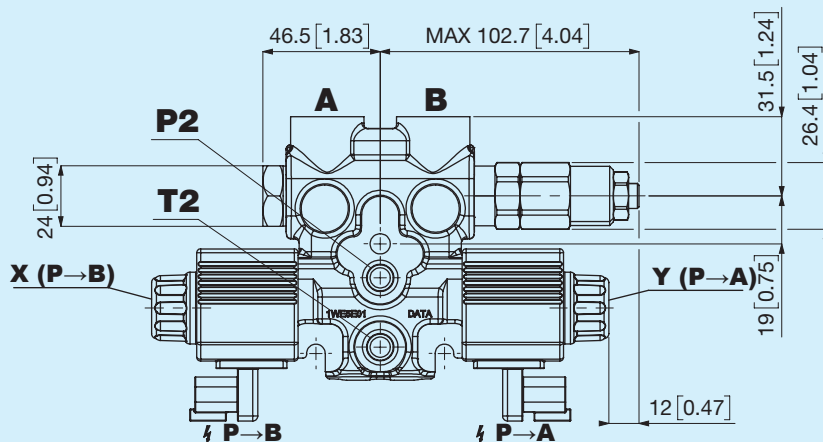
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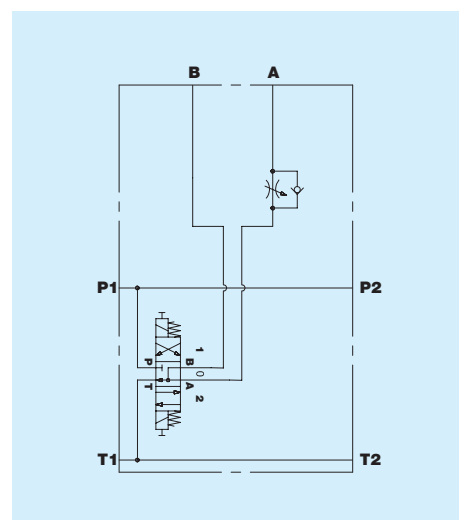
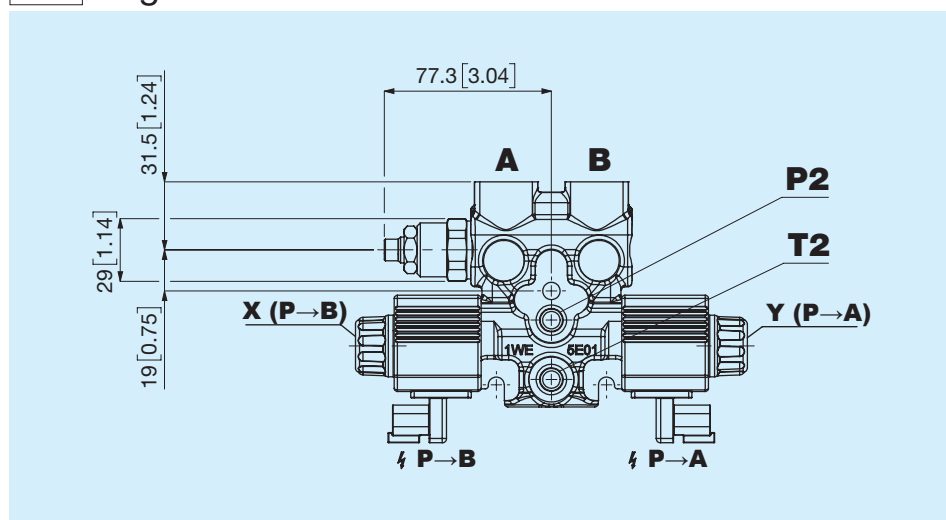
OV Over center bocca A



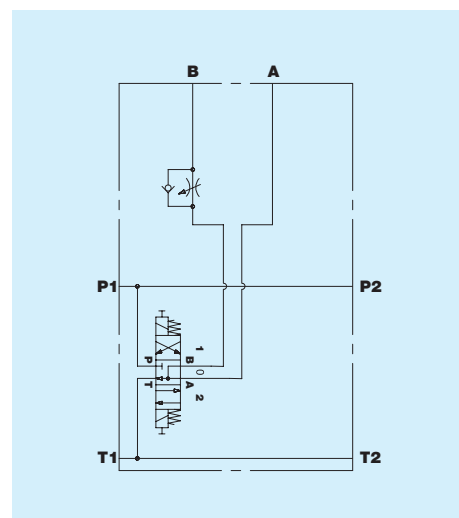
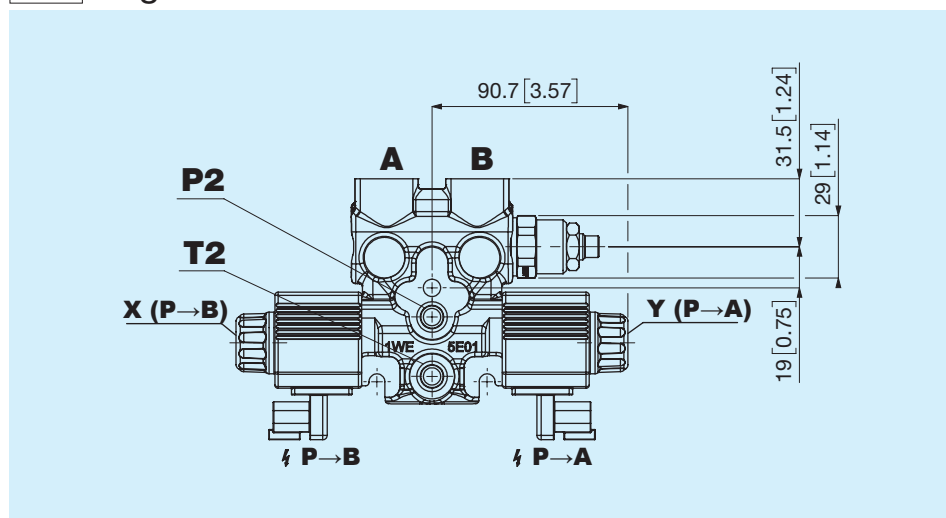
OV Over center bocca B



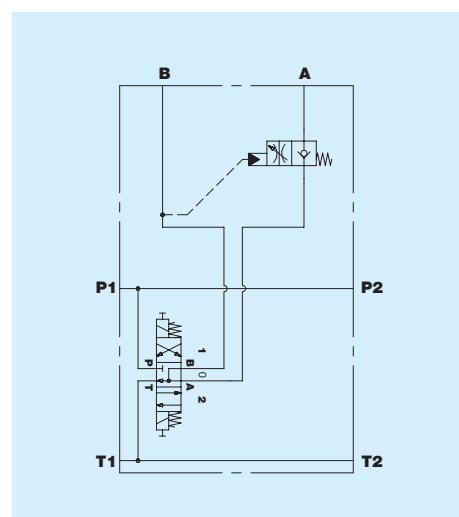
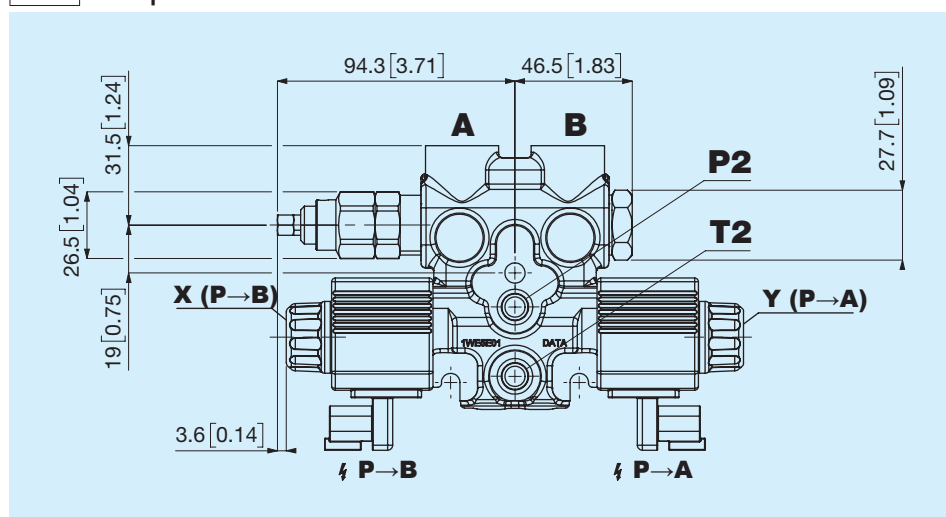
FC Regolatore di flusso unidirezionale bocca A



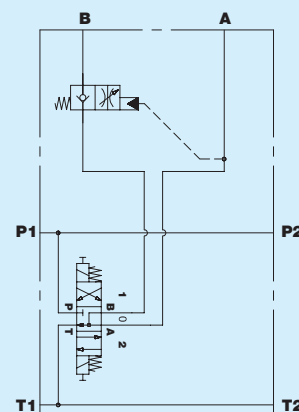
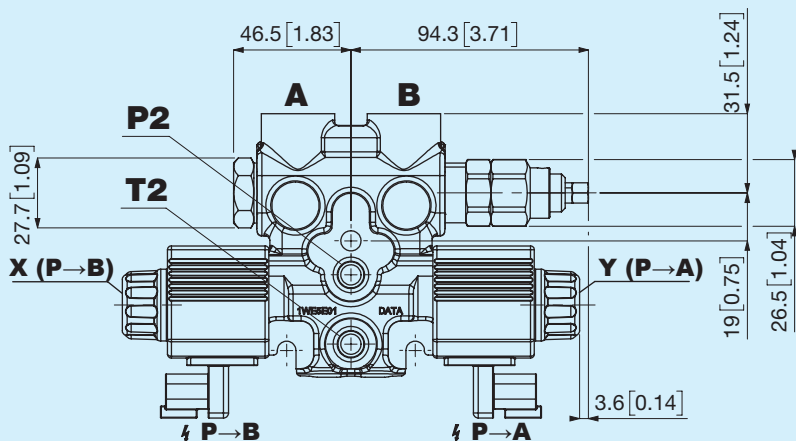
FC Regolatore di flusso unidirezionale bocca B



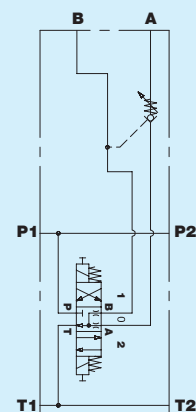
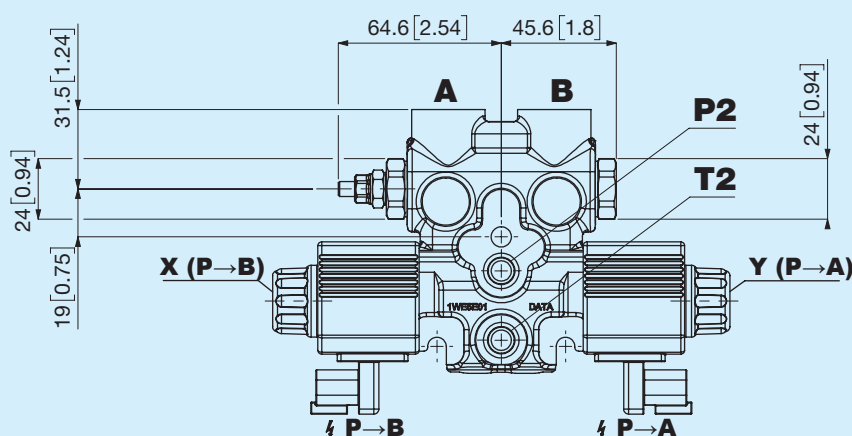
FP VB pilotata con strozzatore unidirezionale bocca A



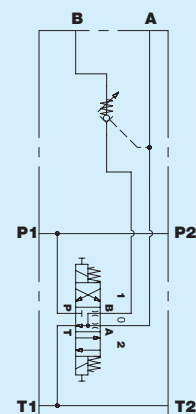
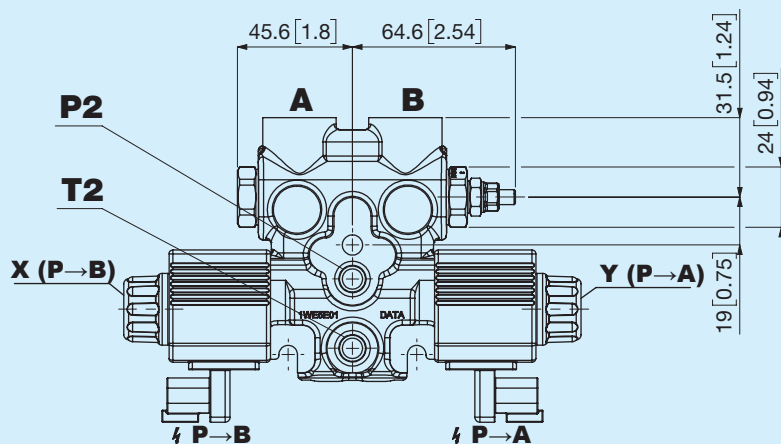
FP VB pilotata con strozzatore unidirezionale bocca B



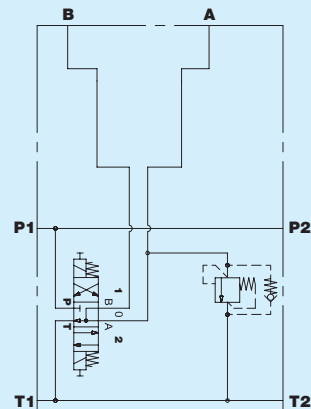
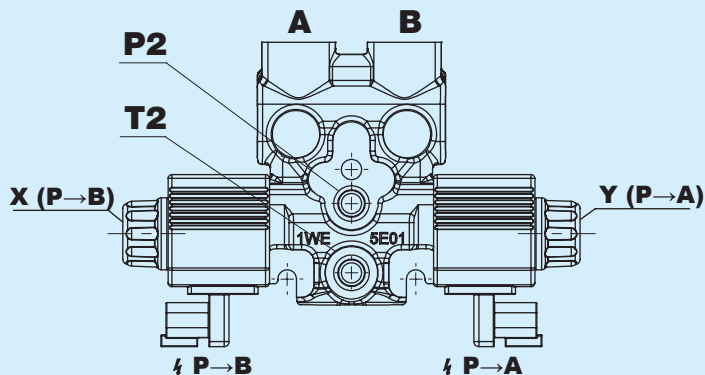
VG VB pilotata con strozzatore bidirezionale bocca A



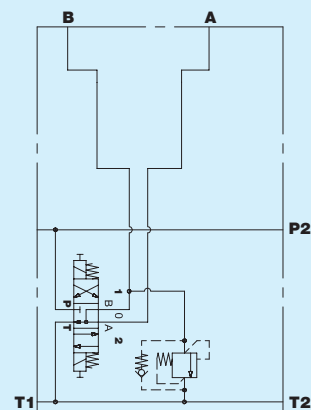
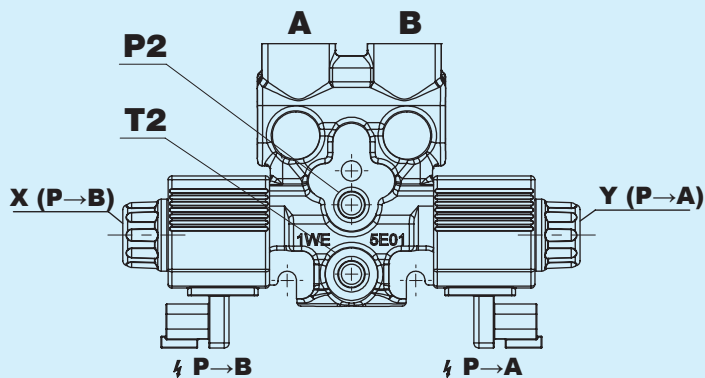
VG VB pilotata con strozzatore bidirezionale bocca B



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

NN - Nessuna

VL - Valvola limitatrice di pressione
sottoubicata

FC - Regolatore di flusso unidirezionale

FP - Valvola di blocco pilotata con
strozzatore unidirezionale

NE - Elettrovalvola 2/2

OV - Over-center

VB - Valvola di blocco pilotata

VG - Valvola di blocco pilotata con
strozzatore bidirezionale

RC - Valvola limitatrice di pressione ed
anticavitazione interna

BW0500BO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
-----------------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----

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															
			001 Circuito					03S Circuito					008 Circuito					038 Circuito
			003 Circuito					3SS Circuito					010 Circuito					040 Circuito
5	Tipo filetto																	
	M Maschio				F Femmina													
6	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					
7	8	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						
9	10	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						
11	12	Tipo di valvola bocca A																
		NN Nessuna					VB Valvola di blocco pilotata					FP Valvola di blocco pilotata con stroz. unidirezionale					RC Valvola limitatrice di pressione ed anticavitazione	
		FC Regolatore di flusso unidirezionale					VG Valvola di blocco pilotata con stroz. bidirezionale					NE Elettrovalvola 2/2					OV Over-center	
13	14	Taratura valvola 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	
15	16	Tipo di valvola bocca B																
		NN Nessuna					VB Valvola di blocco pilotata					FP Valvola di blocco pilotata con stroz. unidirezionale					RC Valvola limitatrice di pressione ed anticavitazione	
		FC Regolatore di flusso unidirezionale					VG Valvola di blocco pilotata con stroz. bidirezionale					NE Elettrovalvola 2/2					OV Over-center	

18

19

20

17

18

Taratura valvola 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

19

19

19

19

Tensione e connettore

A 12V DIN 43650	B 24V DIN 43650	G 12V Deutsch	H 24V Deutsch
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20

Trattamento esterno

A Trattamento esterno	N Nessuno
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