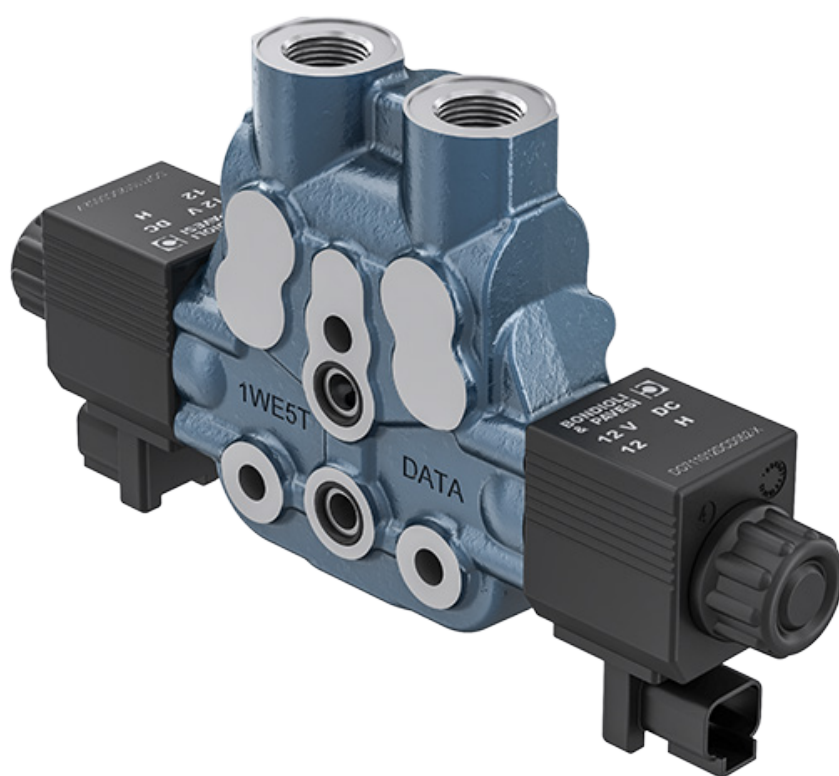
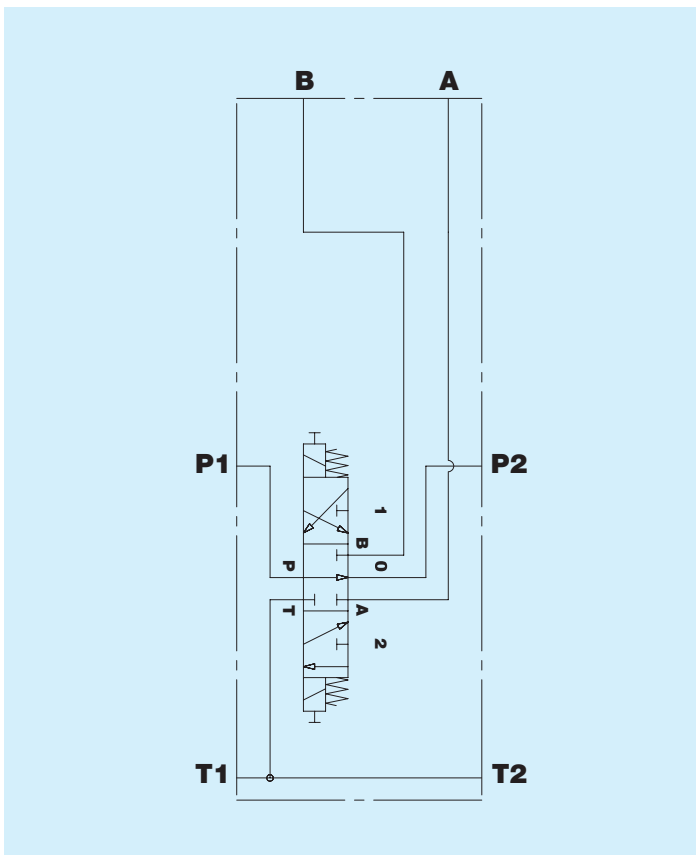


BW0500TO Elemento 5/3 Tandem ON-OFF Interfaccia IBW0500

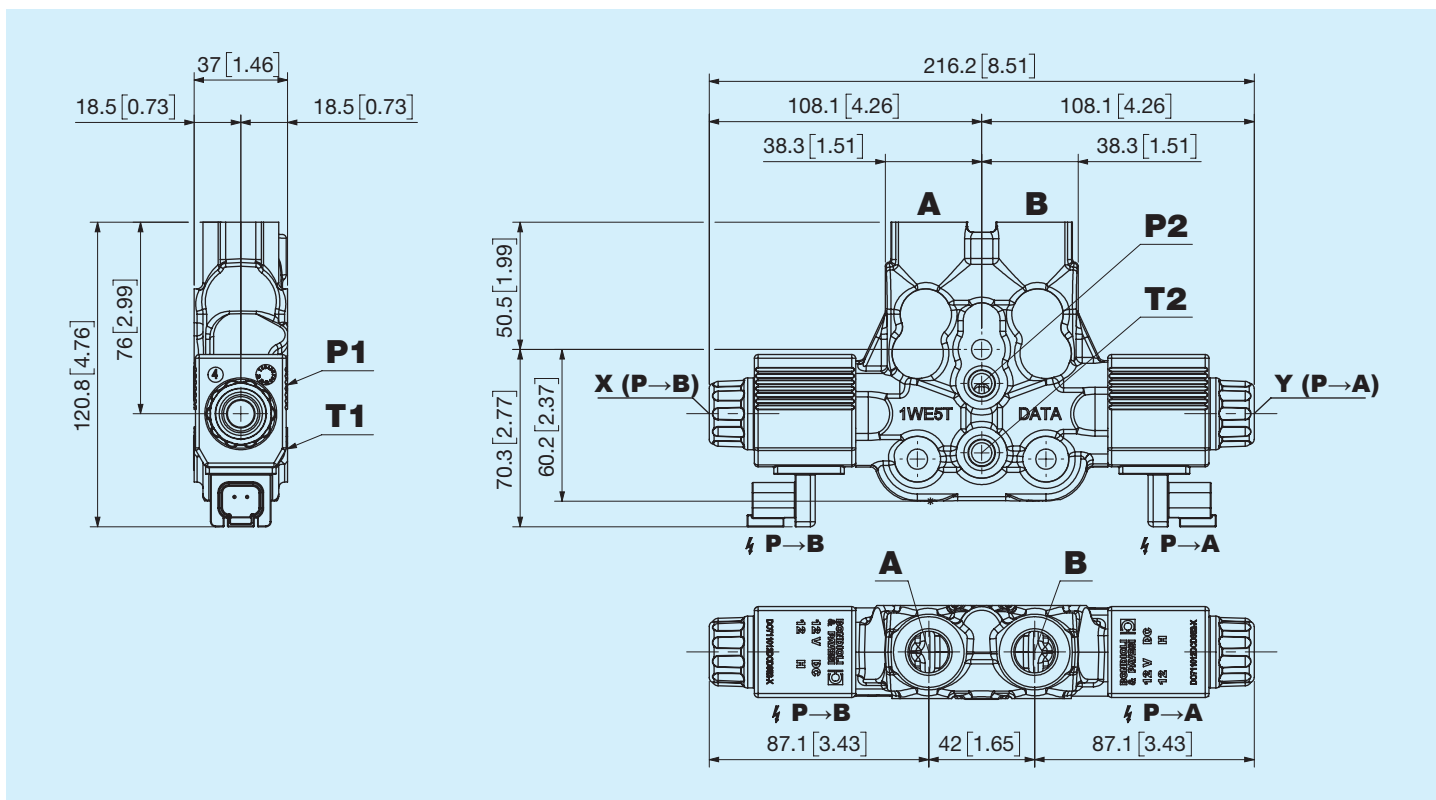


Prima di iniziare l'utilizzo leggere attentamente il documento ISTRUZIONI GENERALI D'IMPIEGO PER LE VALVOLE DI CONTROLLO DIREZIONALE

Portata nominale	35 l/min 9,24 US gpm
Pressione nominale	210 bar 3045 psi
Contropressione massima allo scarico	50 bar 725 psi
Trafilata interna	60 ± 15 cc/min
Temperatura di utilizzo	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Viscosità olio d'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

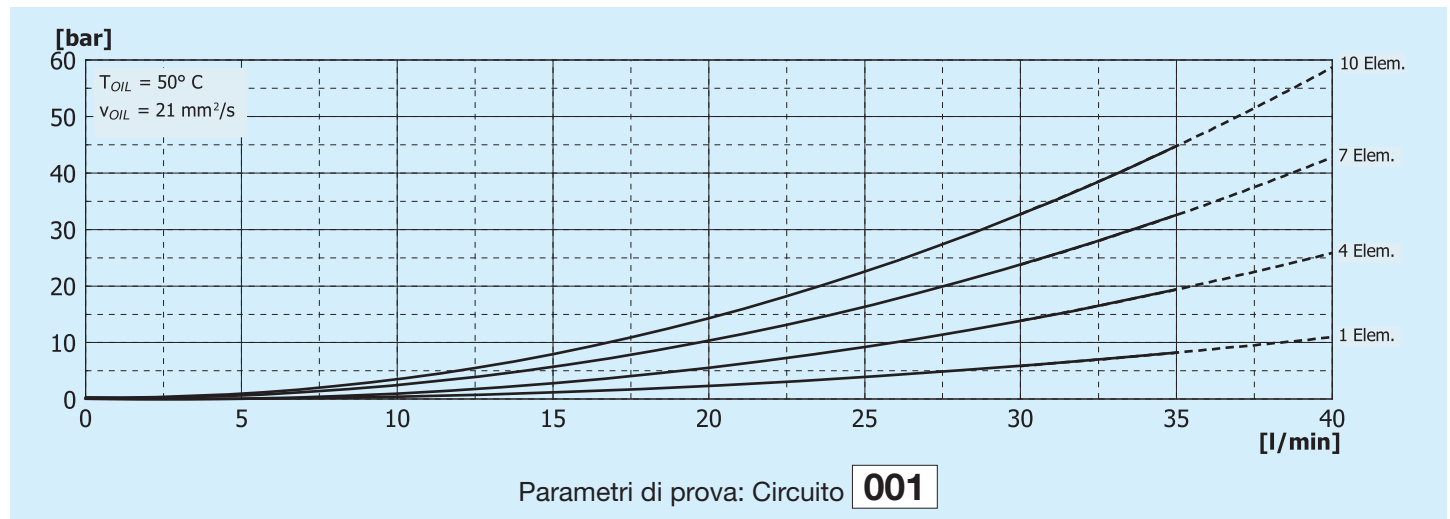


Dimensioni d'ingombro

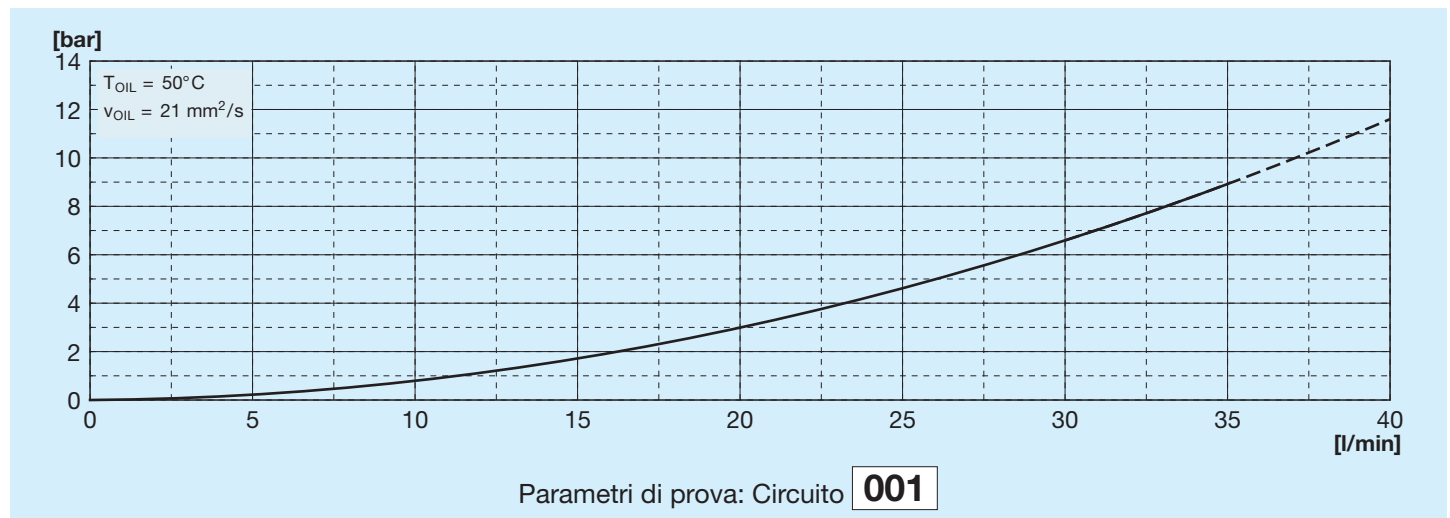


X - Y = Emergenza manuale in spinta

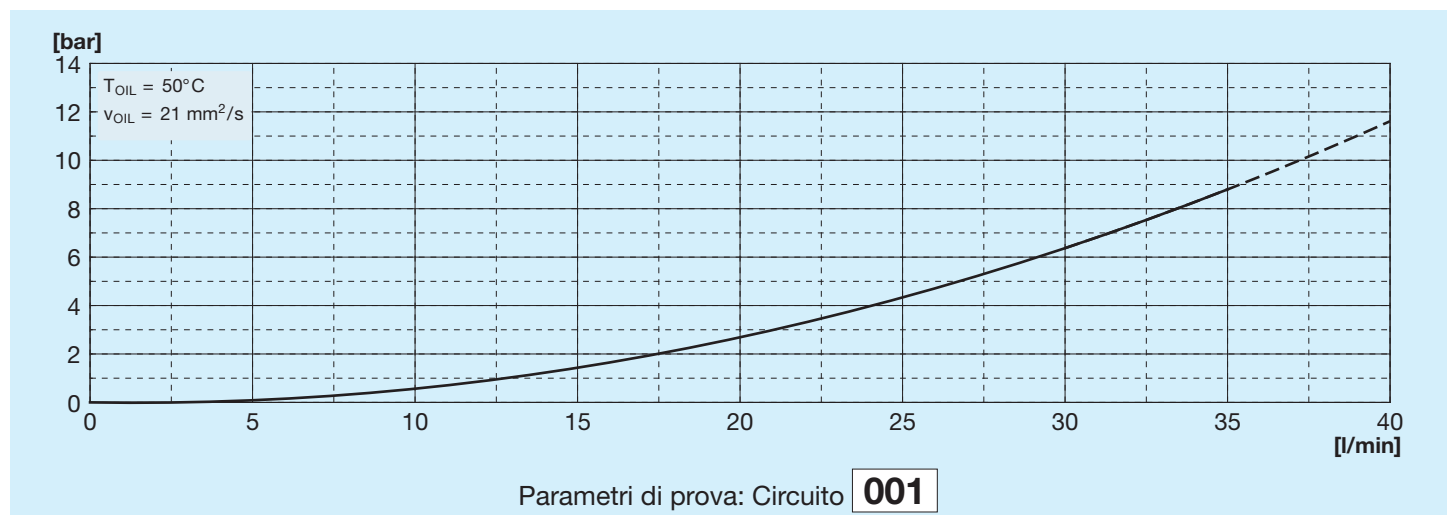
Perdite di carico P-T



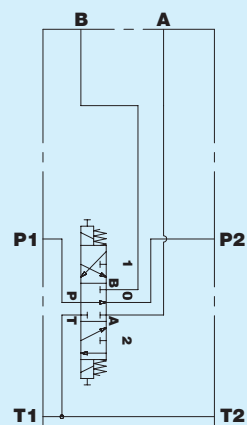
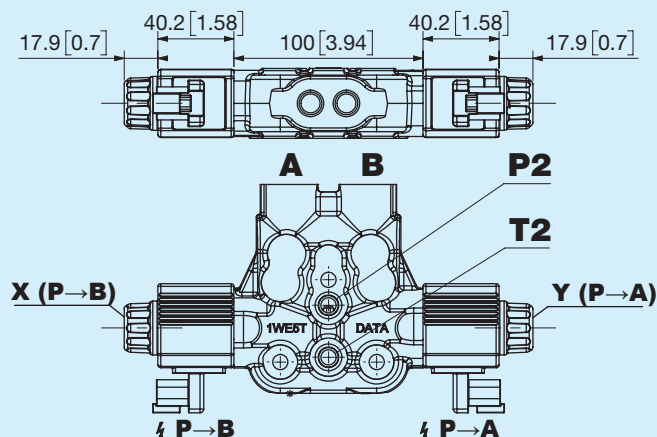
Curva caratteristica P-A/B



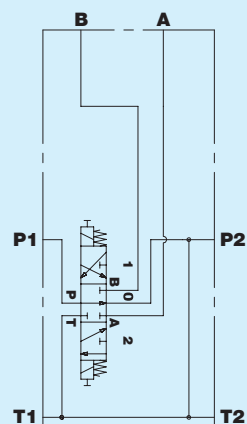
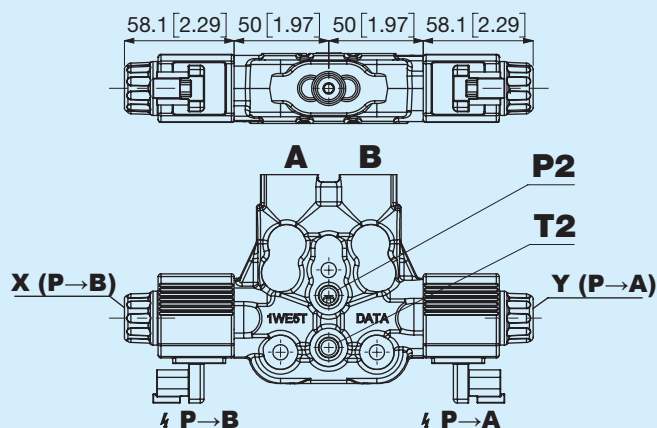
Curva caratteristica A/B-T



A Tandem



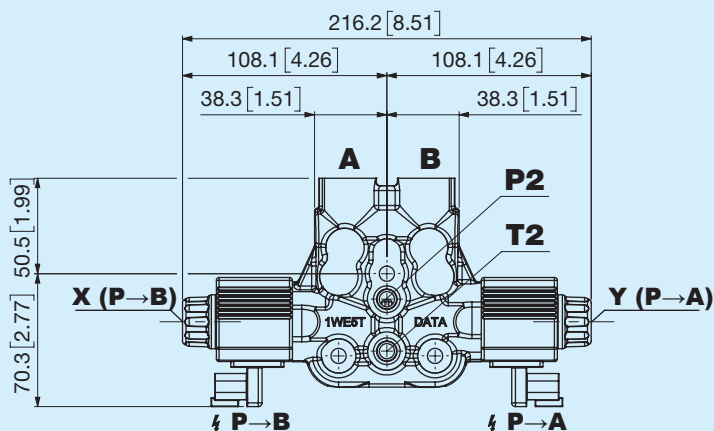
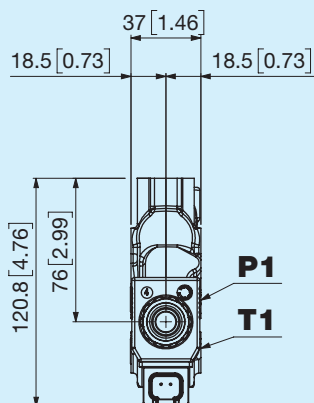
B Elemento di chiusura



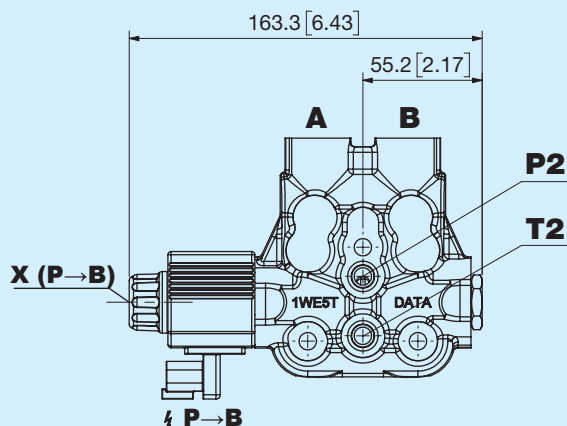
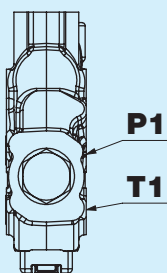
Caratteristiche elettriche bobine azionamento ON-OFF

Tensione	12	24	V (± 10%)
Resistenza a 20°C	4,5	19,4	Ω (± 7%)
Corrente nominale	2,7	1,24	A
Potenza	32	30	W

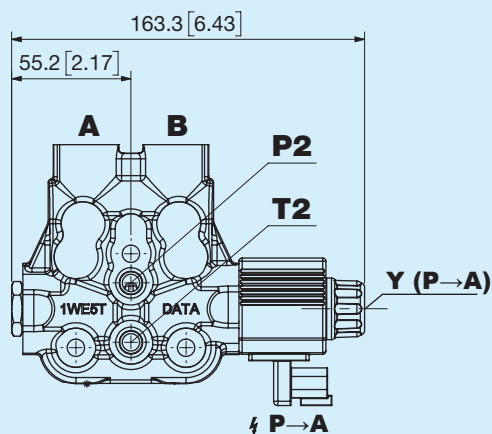
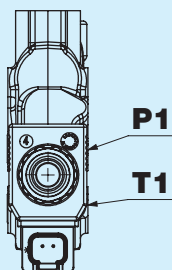
A Due bobine bocca lato A e B



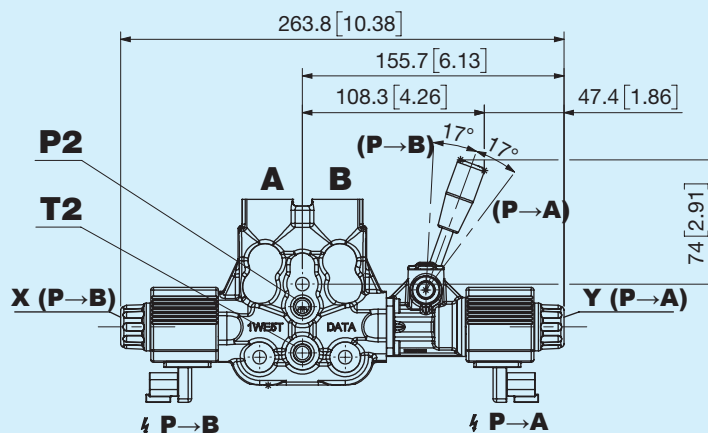
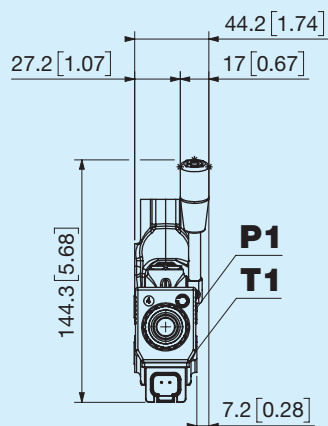
E Una bobina lato bocca A



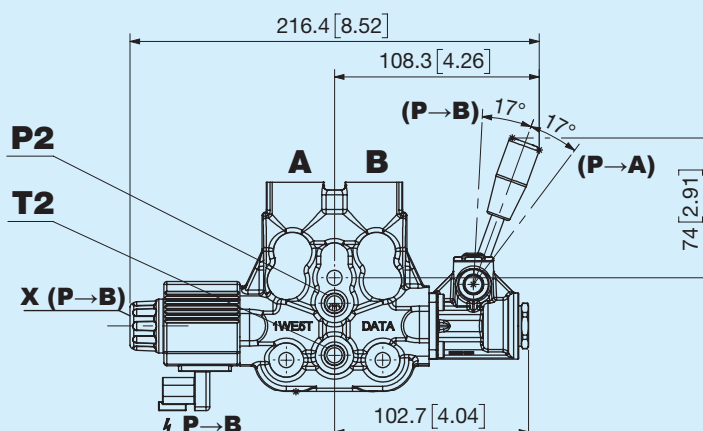
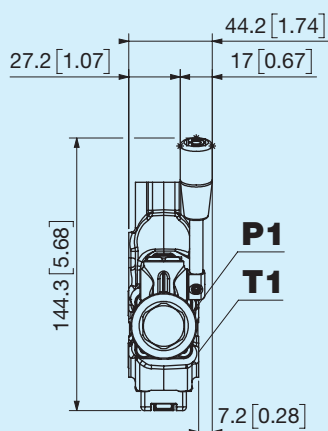
F Una bobina lato bocca B



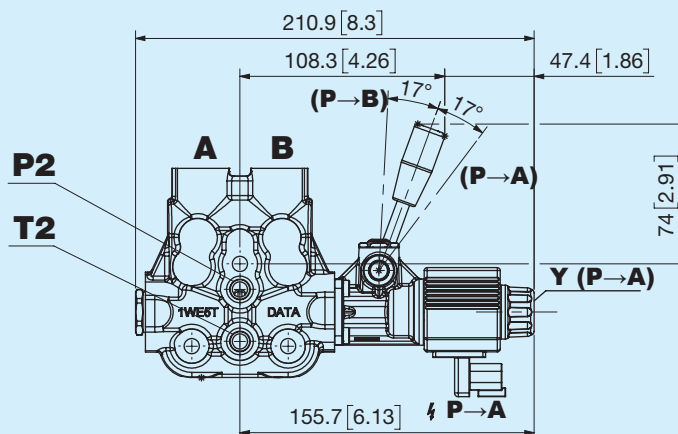
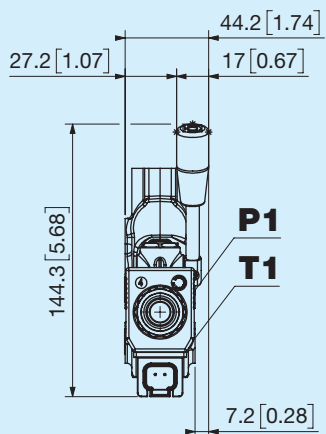
B Due bobine lato bocca A e B e leva emergenza



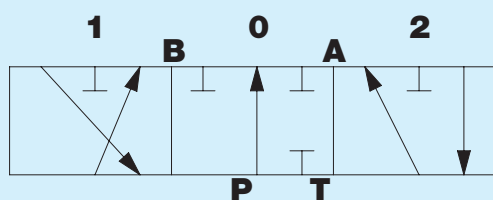
C Una bobina lato bocca A e leva di emergenza



D Una bobina lato bocca B e leva di emergenza



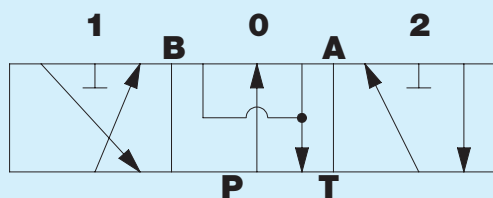
001 Circuito



Posizioni

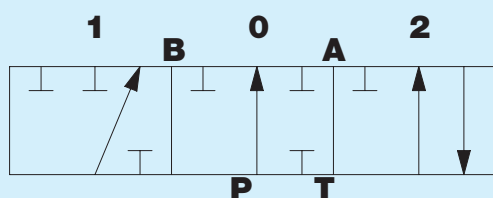
1	0	2
$P \rightarrow A$ $B \rightarrow T$ $BP \rightarrow$	$A, B, T \rightarrow$ $BP \rightarrow$	$P \rightarrow B$ $A \rightarrow T$ $BP \rightarrow$

003 Circuito



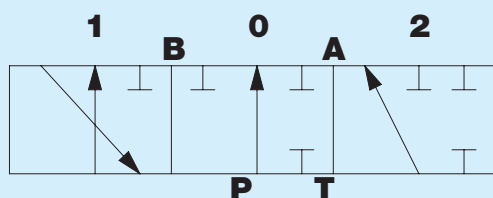
1	0	2
$P \rightarrow A$ $B \rightarrow T$ $BP \rightarrow$	$A, B \rightarrow T$ $BP \rightarrow$	$P \rightarrow B$ $A \rightarrow T$ $BP \rightarrow$

004 Circuito



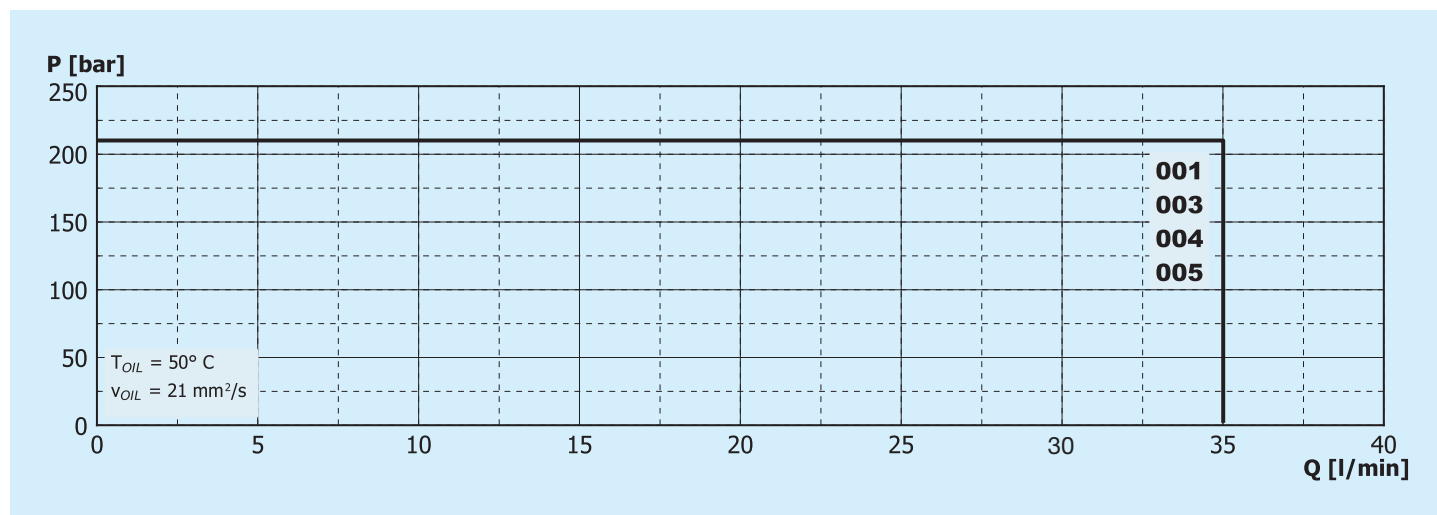
1	0	2
$P \rightarrow A$ $B, T, BP \rightarrow$	$A, B, T \rightarrow$ $BP \rightarrow$	$B \rightarrow$ $A \rightarrow T$ $BP \rightarrow$

005 Circuito



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

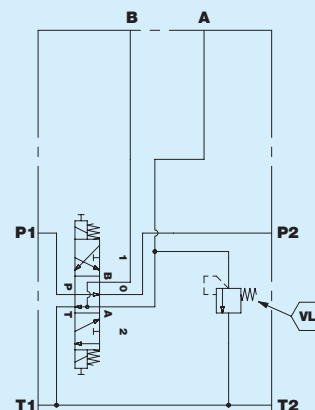
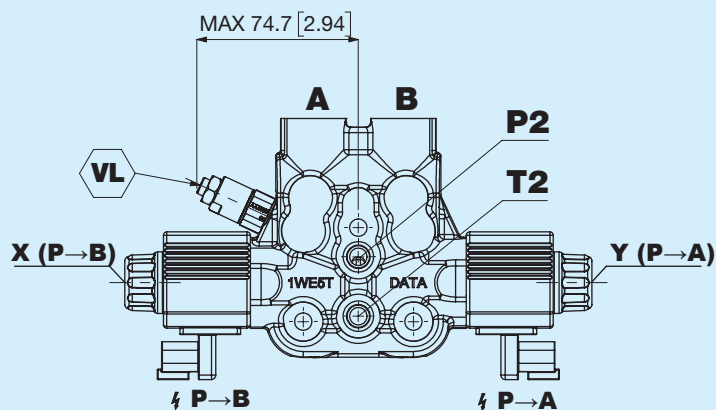
Limiti di impiego per circuito



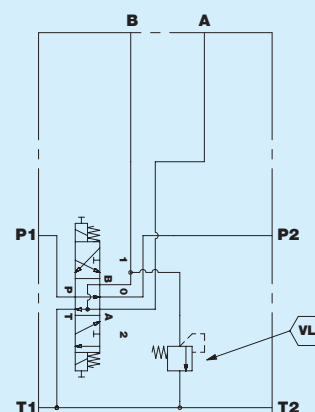
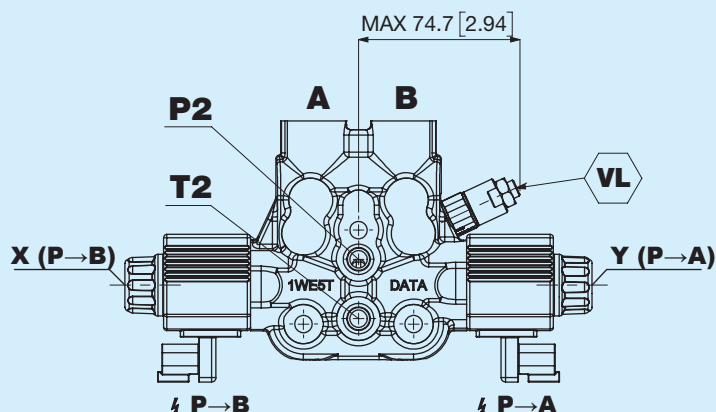
Filettatura bocche A e B

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

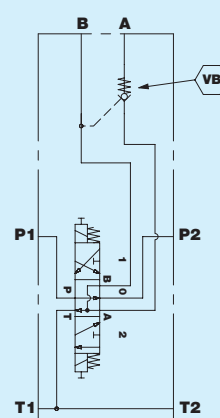
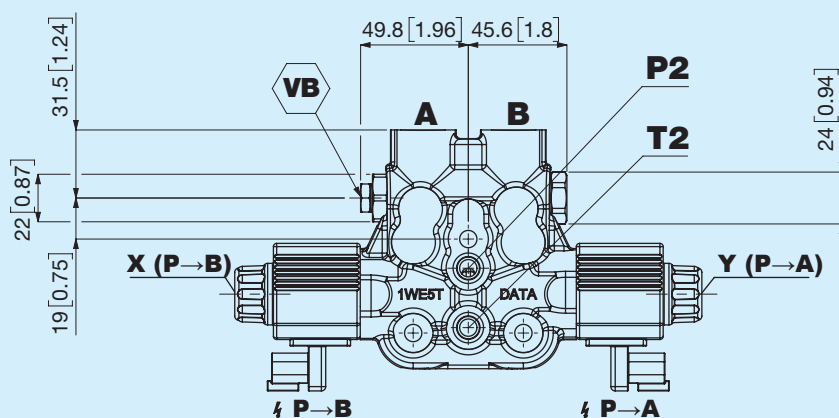
VL Valvola limitatrice di pressione bocca A



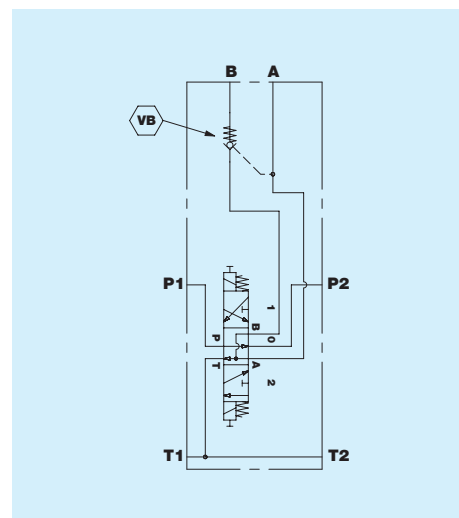
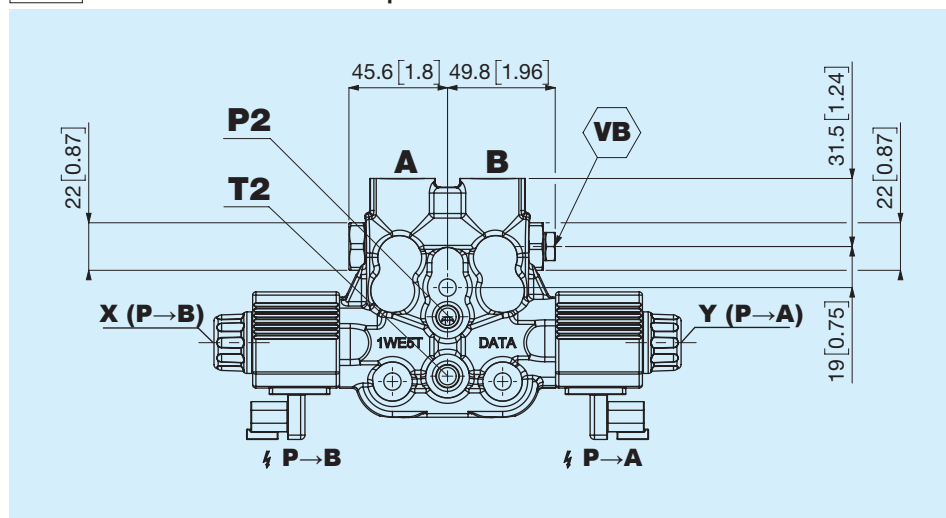
VL Valvola limitatrice di pressione bocca B



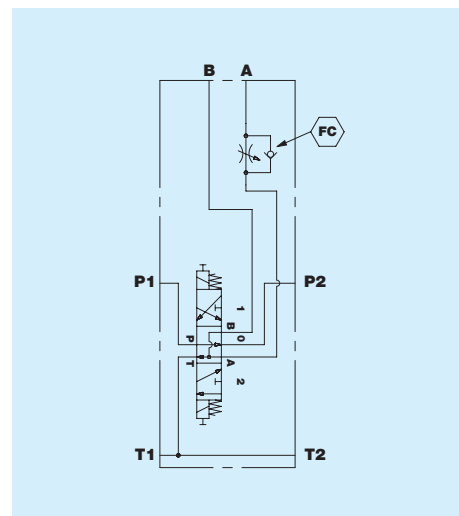
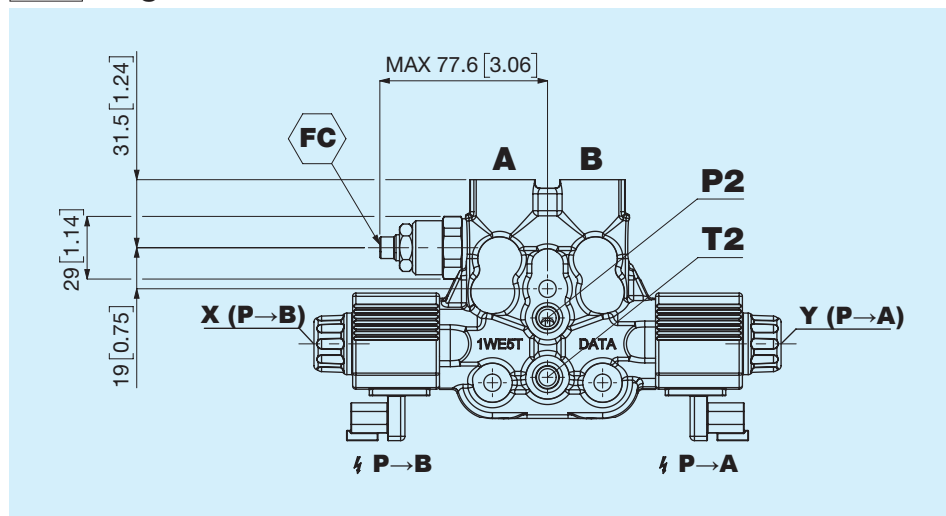
VB Valvola di blocco pilotata bocca A



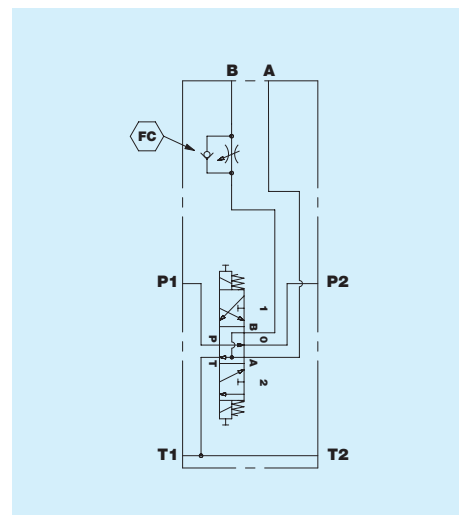
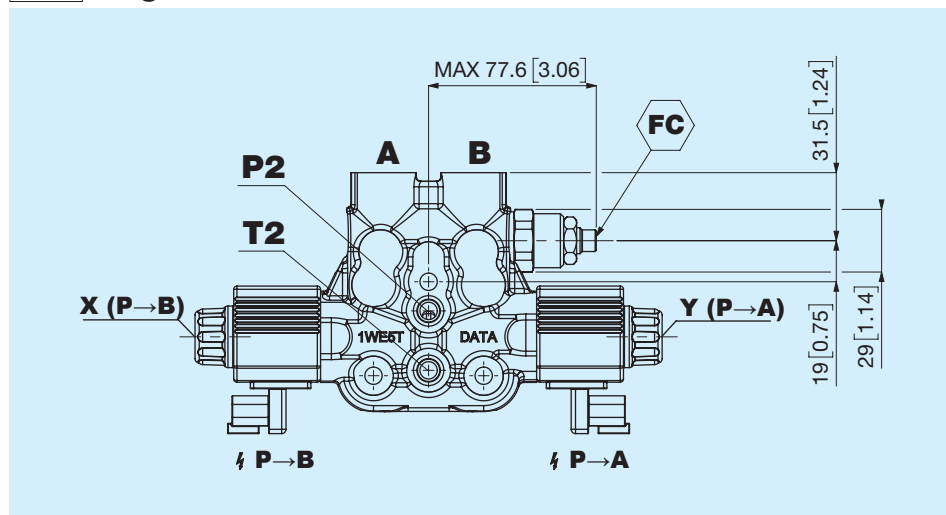
VB Valvola di blocco pilotata bocca B



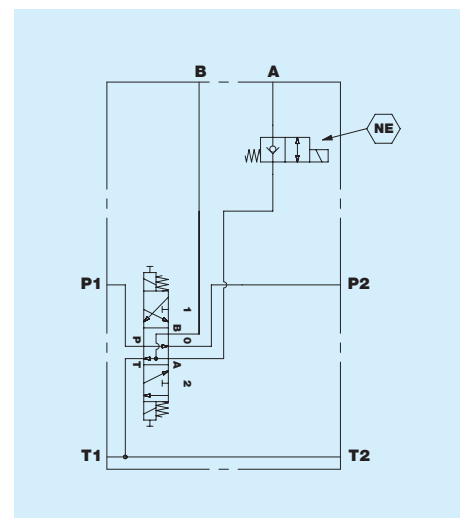
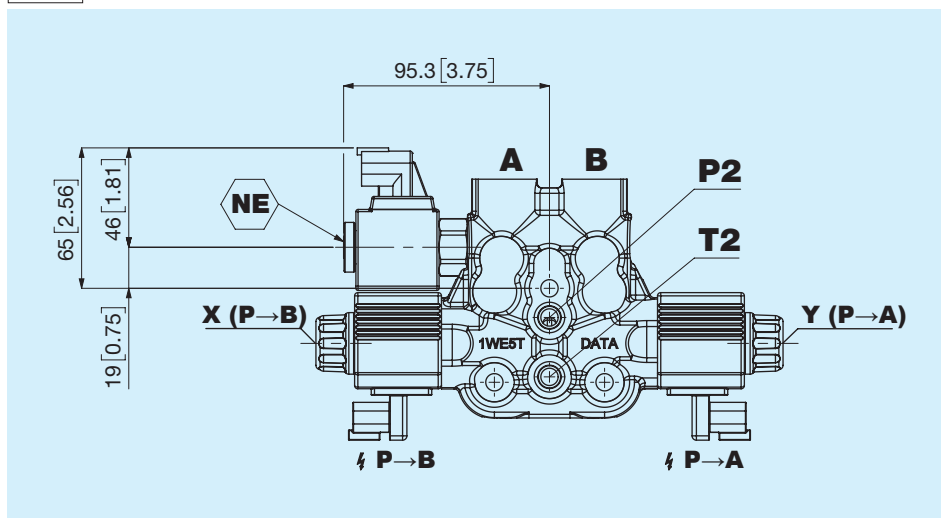
FC Regolatore di flusso unidirezionale bocca A



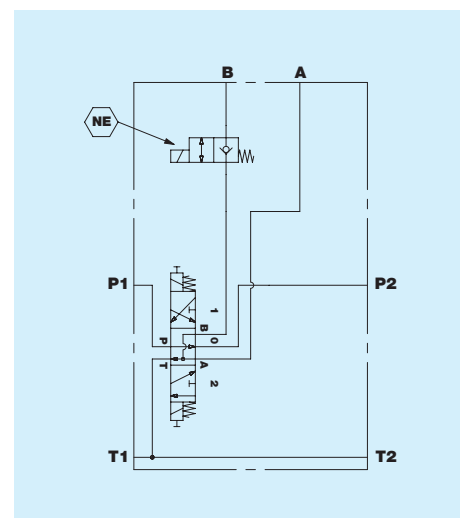
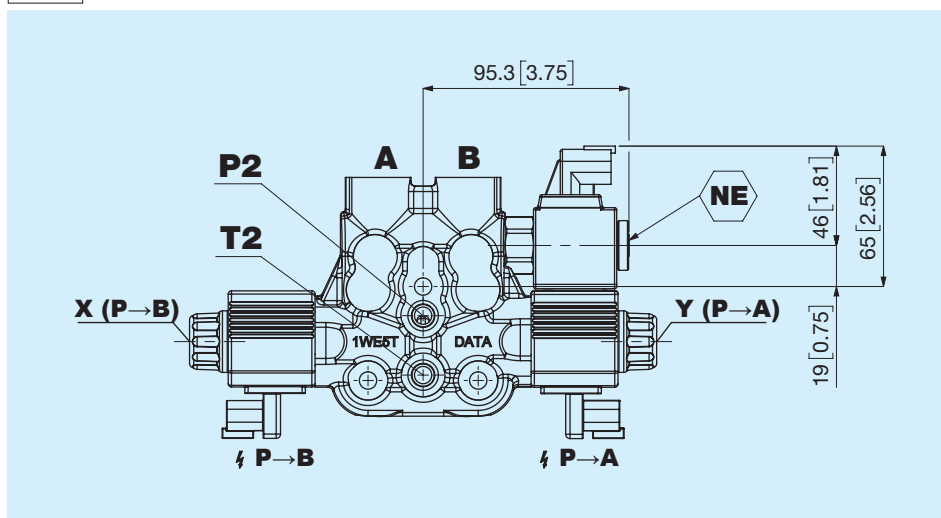
FC Regolatore di flusso unidirezionale bocca B



NE Elettrovalvola 2/2 bocca A



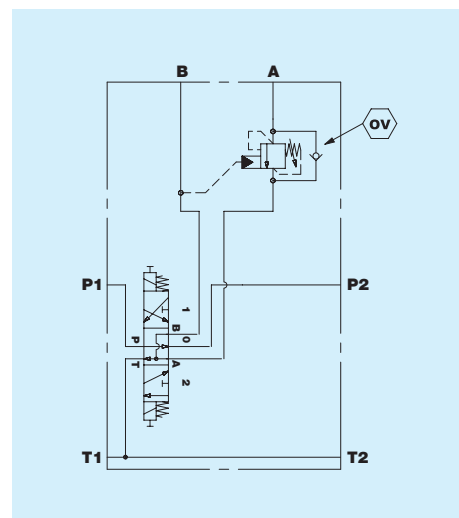
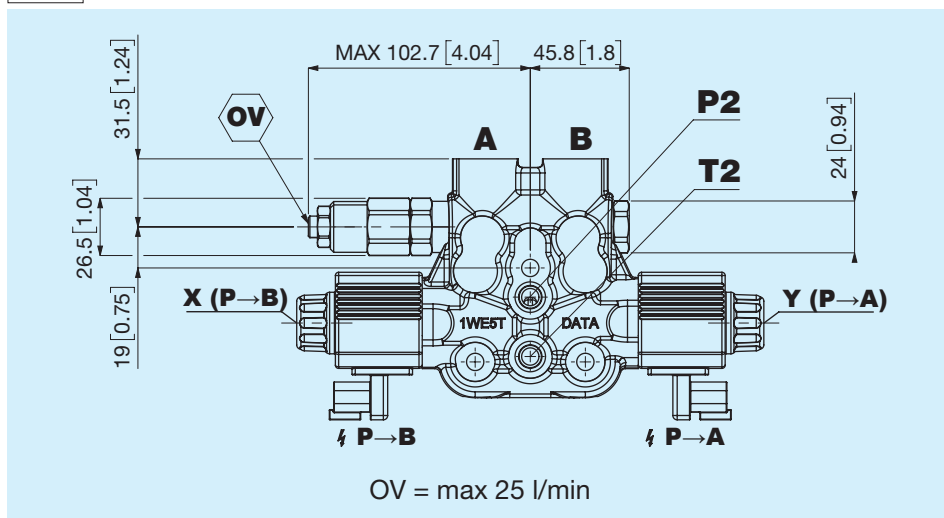
NE Elettrovalvola 2/2 bocca B



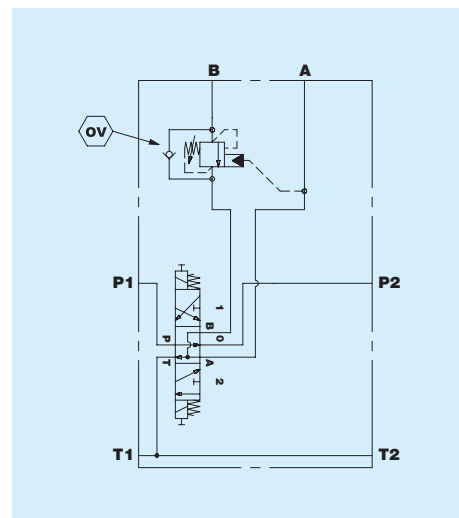
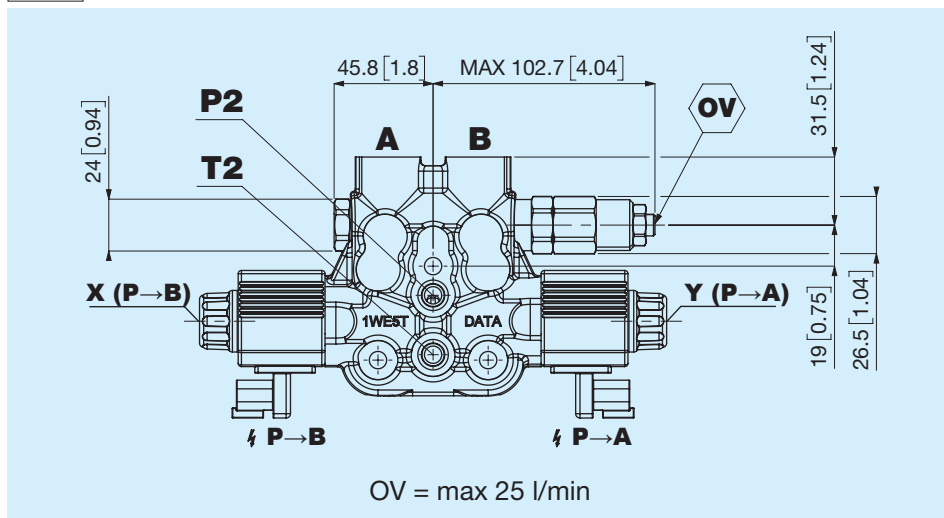
Caratteristiche elettriche bobine Elettrovalvola 2/2

Tensione	12	24	V (± 10%)
Resistenza a 20°C	7,7	19,4	Ω (± 7%)
Corrente nominale	1,55	1,24	A
Potenza	18,6	30	W

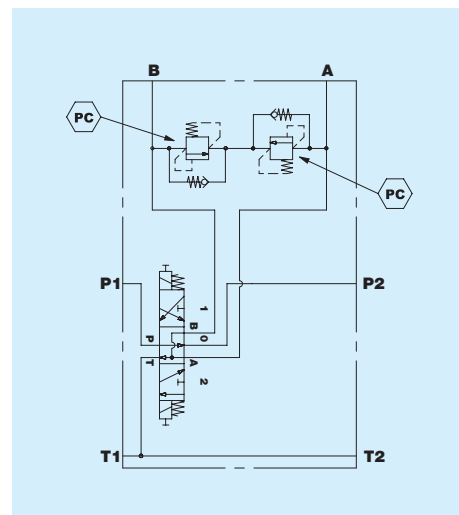
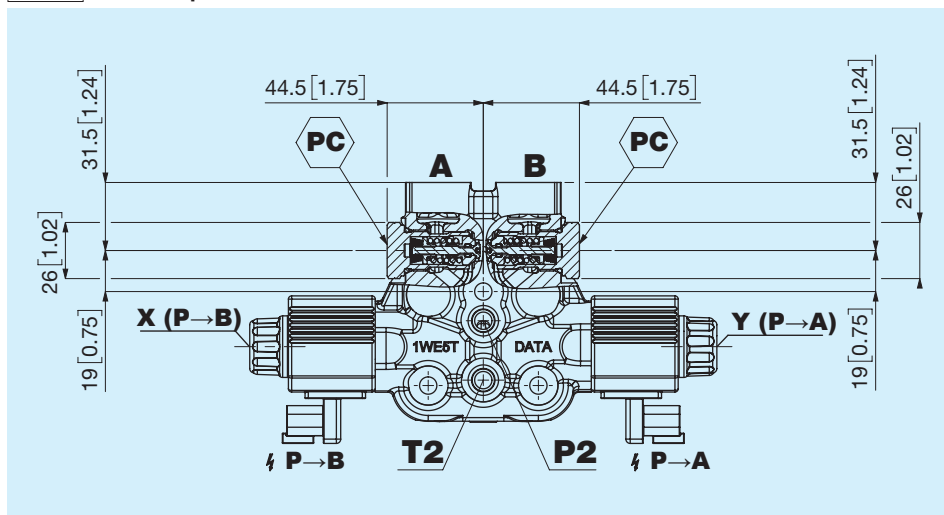
OV Over-center bocca A



OV Over-center bocca B



PC VL di pressione ed anticavitazione incrociate



Possibili combinazioni valvola bocca A e B

Bocca A \ Bocca B	NN	VL	VB	NE	FC	OV	PC
NN	•	•	•	•	•	•	
VL	•	•		•	•		
VB	•		•				
NE	•	•		•	•		
FC	•	•		•	•		
OV	•					•	
PC							•

- NN** Nessuna
- VL** Valvola limitatrice di pressione
- VB** Valvola di blocco pilotata
- NE** Elettrovalvola 2/2
- FC** Regolatore di flusso unidirezionale
- OV** Over-center
- PC** Valvole limitatrici di pressione ed anticavitazione incrociate

BW0500TO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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1	Tipo di elemento																						
	A Tandem					B Elemento di chiusura																	
2	Configurazioni																						
	A Due bobine bocca lato 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 emergenza					D Una bobina lato bocca B e leva di emergenza												
3	4	5	Circuiti																				
			001 Circuito					003 Circuito					004 Circuito					005 Circuito					
6	Tipo di filetto																						
	F Femmina																						
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	Tipo di valvola bocca A																					
		NN Nessuna					VB Valvola di blocco pilotata					FC Regolatore di flusso unidirezionale					PC VL di pressione e di anticavitazione incrociata						
		VL Valvola limitatrice di pressione					NE Elettrovalvola 2/2					OV Over-center											
10	11	Pressione di taratura VL/OV/PC 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											
12	13	Tipo di valvola bocca B																					
		NN Nessuna					VB Valvola di blocco pilotata					FC Regolatore di flusso unidirezionale					PC VL di pressione e di anticavitazione incrociata						
		VL Valvola limitatrice di pressione					NE Elettrovalvola 2/2					OV Over-center											
14	15	Pressione di taratura VL/OV/PC 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											
16	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