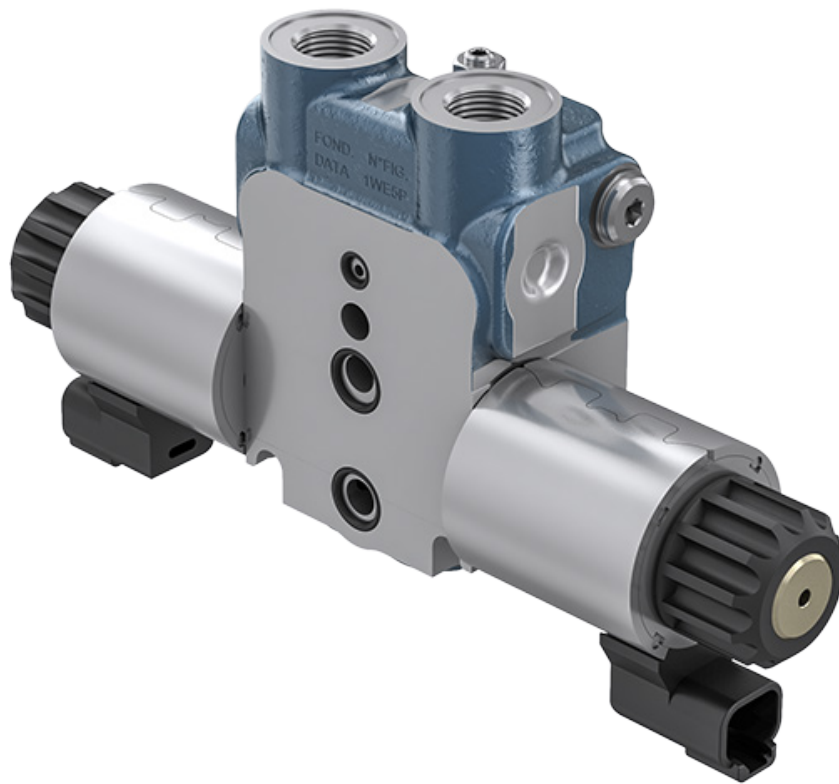
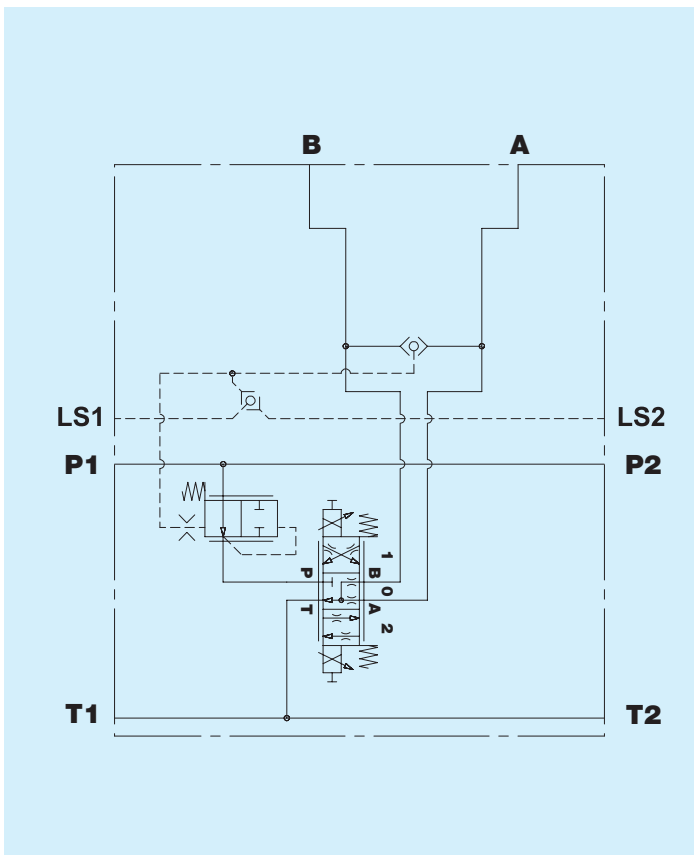


BW0511CP Elemento 4/3 proporzionale pre-compensato con segnale Load Sensing
Interfaccia IBW0511

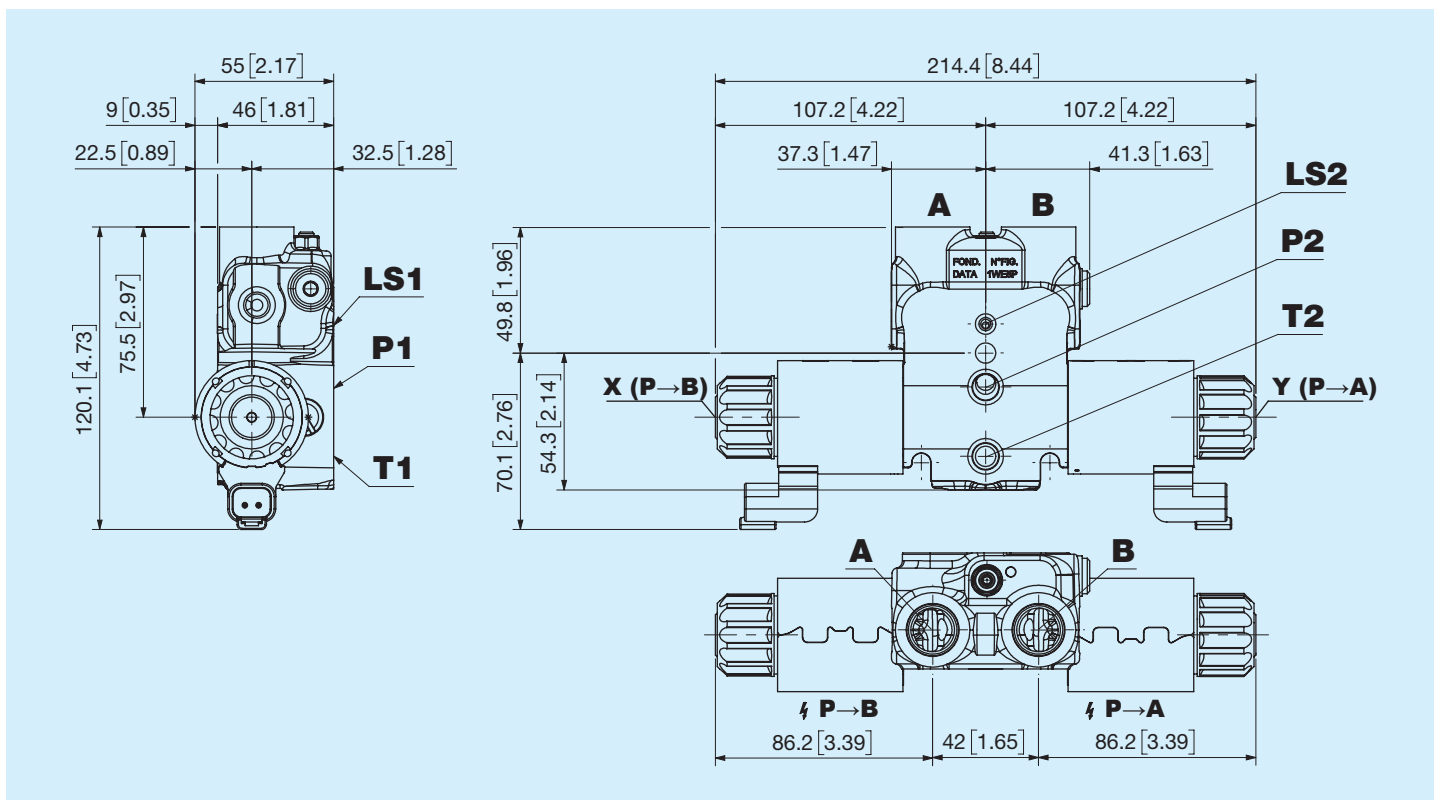


Prima di iniziare l'utilizzo leggere attentamente il documento ISTRUZIONI GENERALI D'IMPIEGO PER LE VALVOLE DI CONTROLLO DIREZIONALE

Portata nominale	37 l/min 9,77 US gpm
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	2,2 Kg 4,85 lb
Interfaccia	IBW0511
Isteresi	<10%

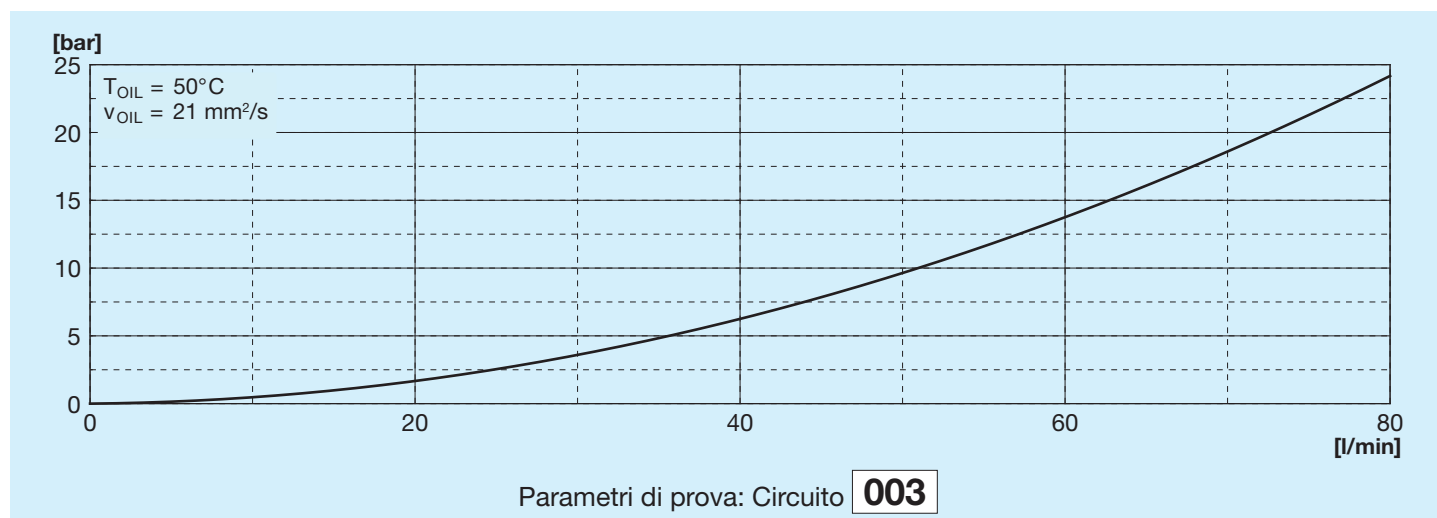


Dimensioni d'ingombro

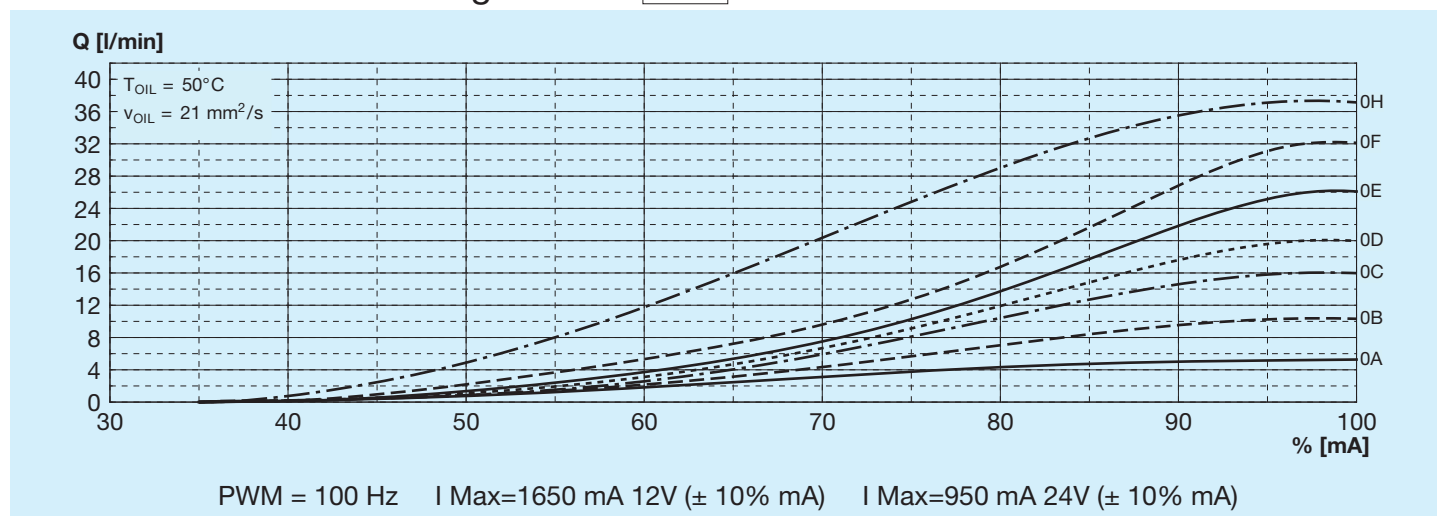


X - Y = Emergenza manuale in spinta

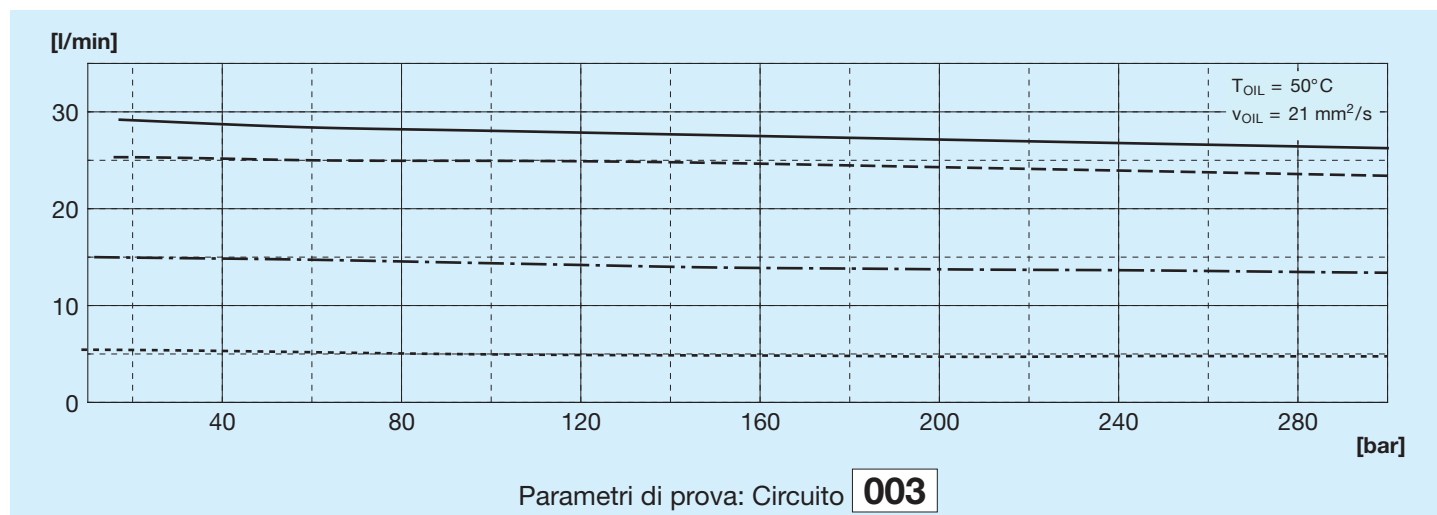
Curva caratteristica B-T



Curva caratteristica Metering Circuito **003**



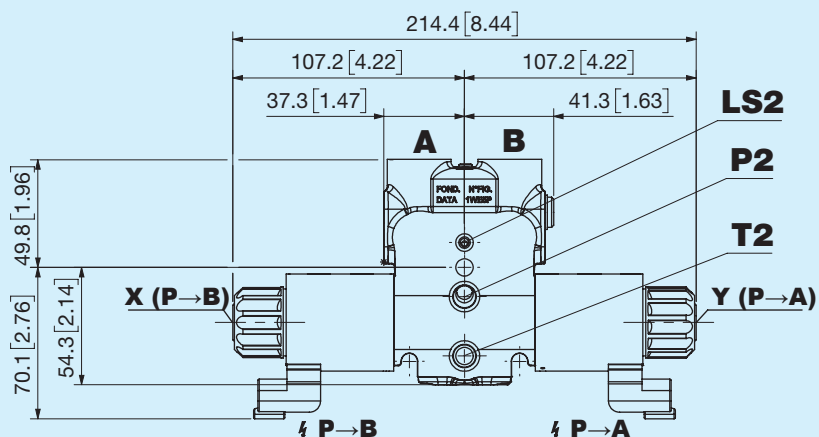
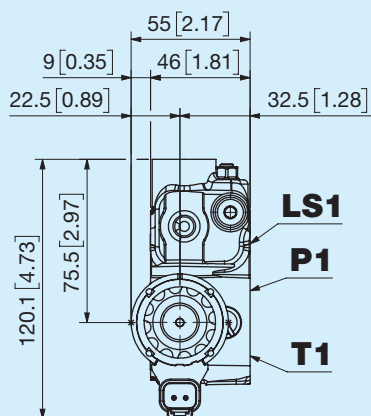
Curve di compensazione



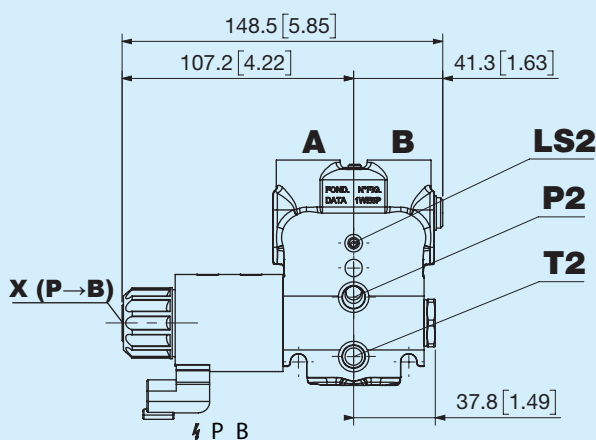
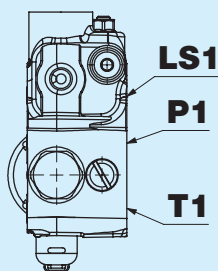
Caratteristiche elettriche bobine azionamento proporzionale

Tensione	12	24	V ($\pm 10\%$)
Resistenza Cu 20°C	3,62	13,55	$\Omega (\pm 4\%)$
Corrente nominale	1,9	1	A
Potenza	18,8	20,2	W

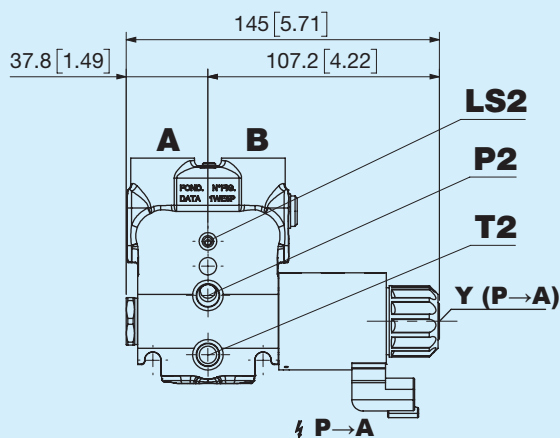
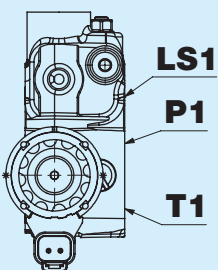
A Due bobine lato bocca A e B



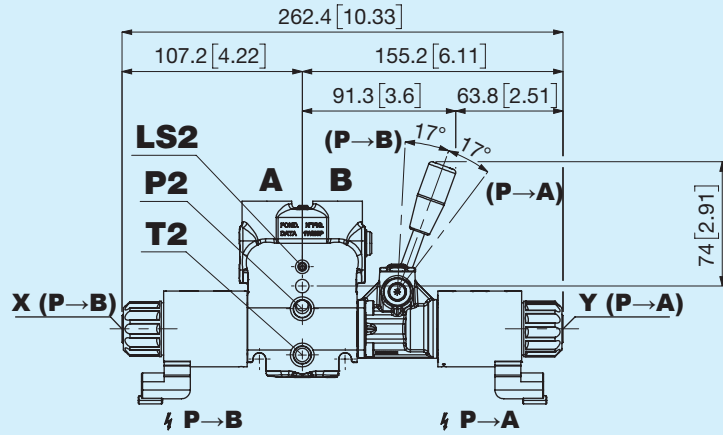
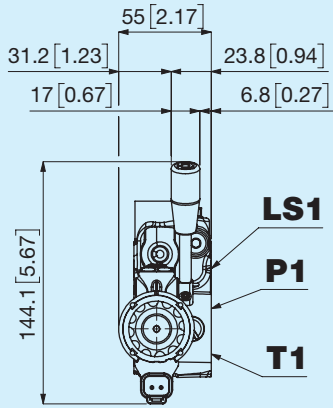
E Una bobina lato bocca A



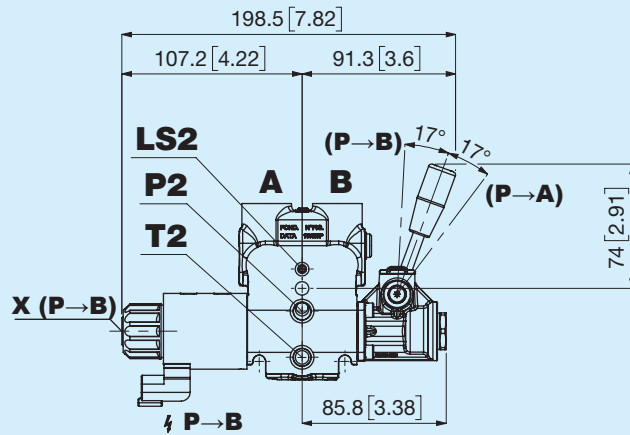
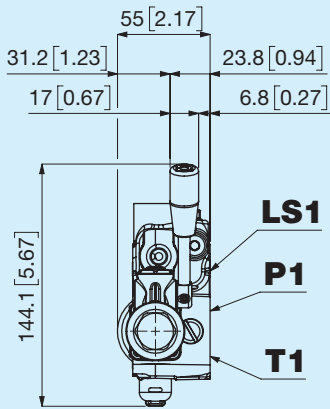
F Una bobina lato bocca B



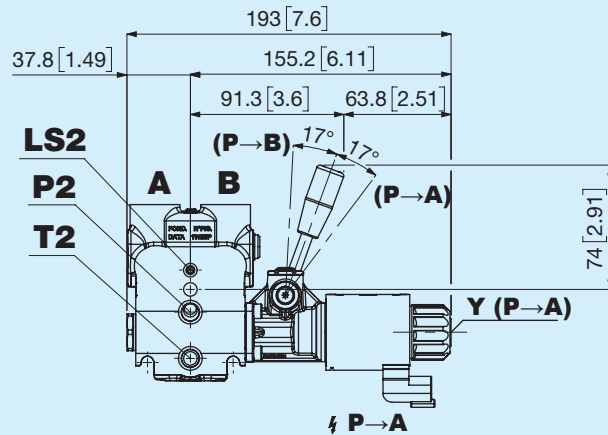
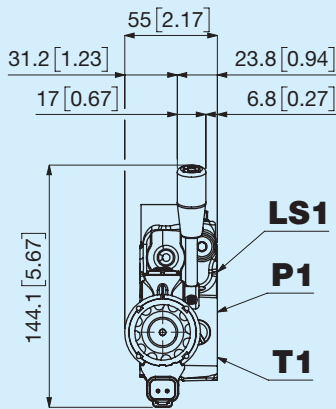
B Due bobine lato bocca A e B e leva di emergenza



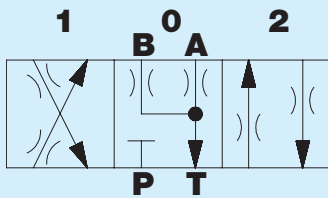
C Una bobina lato bocca A e leva di emergenza



D Una bobina lato bocca B e leva di emergenza



003 Circuito



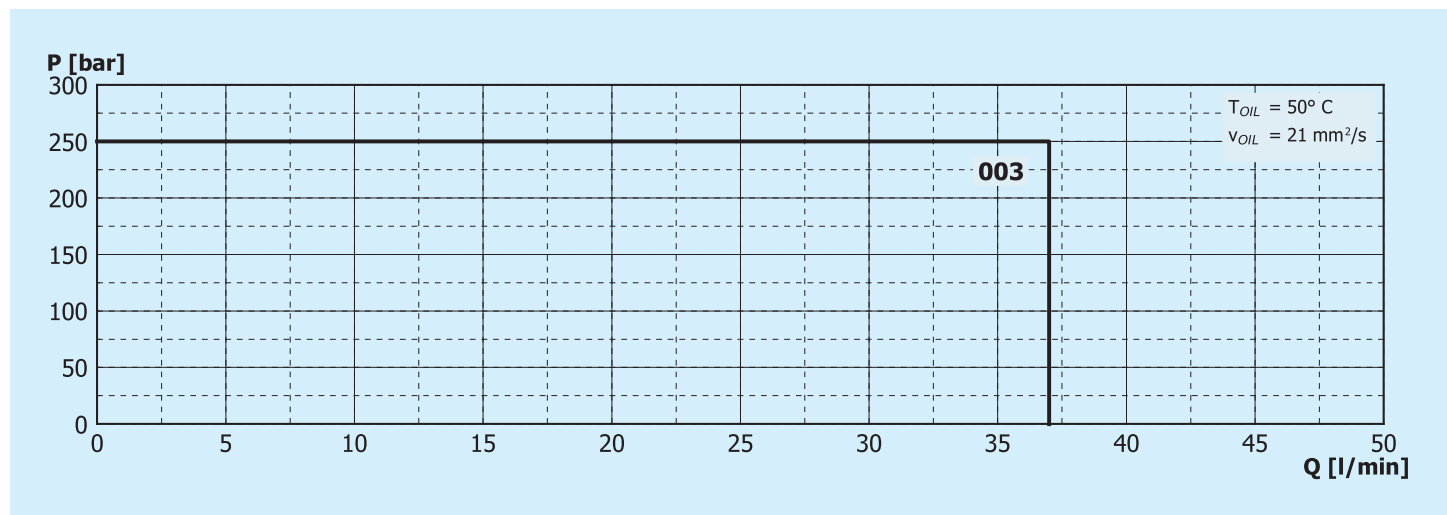
Posizioni

1	0	2
P→A B→T	B,A→T P—	P→B A→T

Portata

Codice	l/min	US gpm
0A	5	1,32
0B	10	2,64
0C	16	4,23
0D	20	5,28
0E	26	6,87
0F	32	8,45
0H	37	9,77

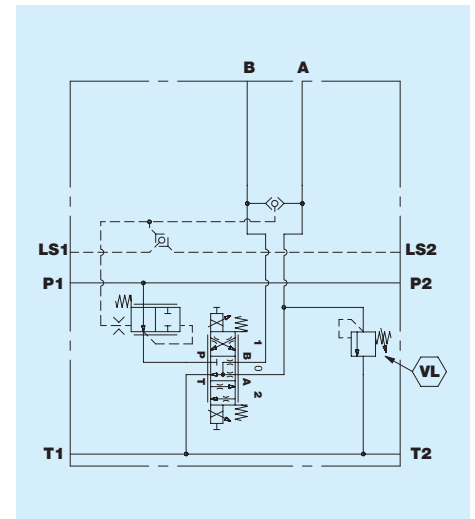
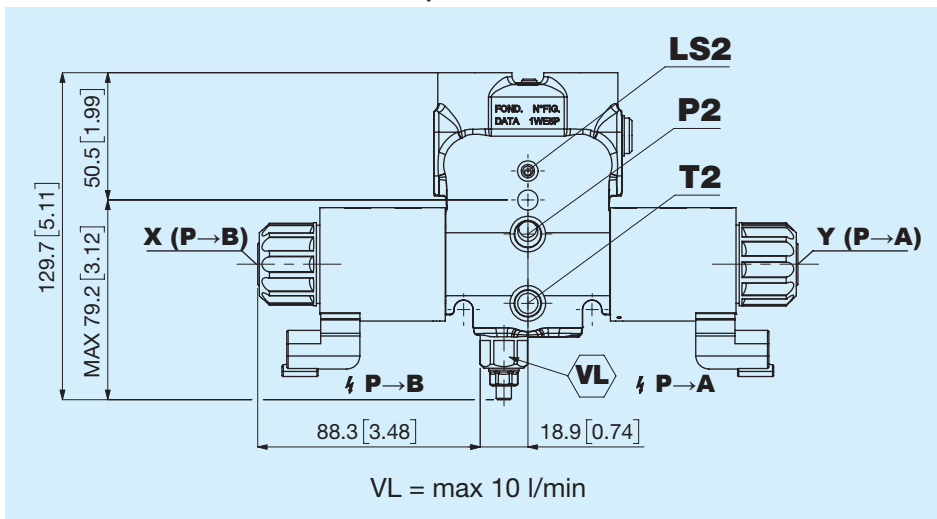
Limiti di impiego per circuito



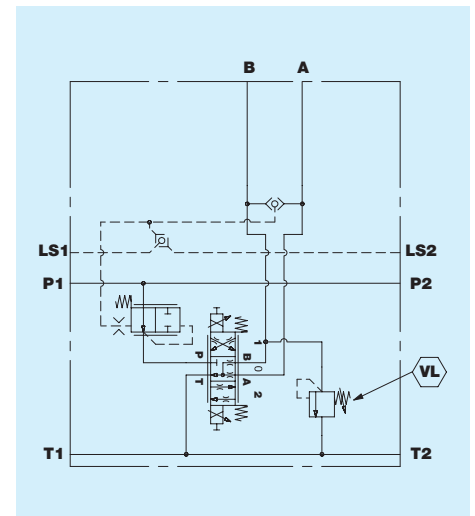
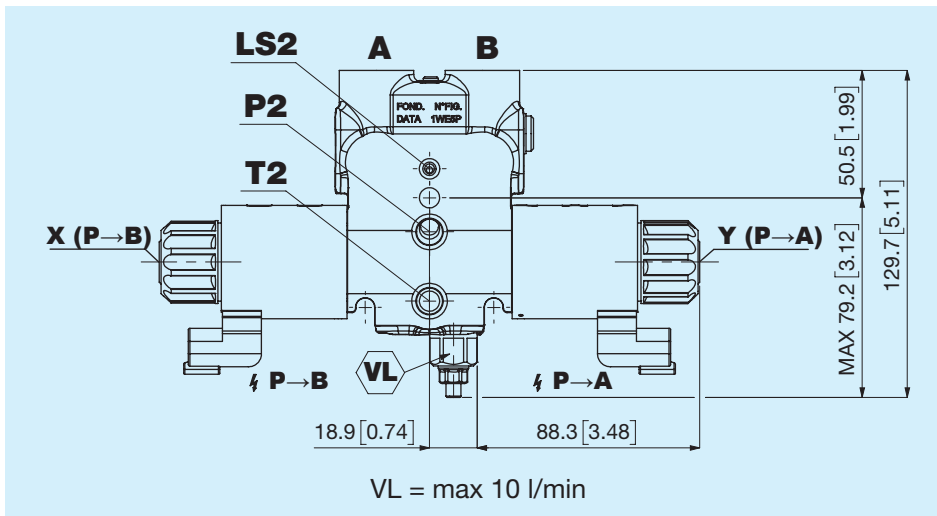
Filettatura bocche A e B

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

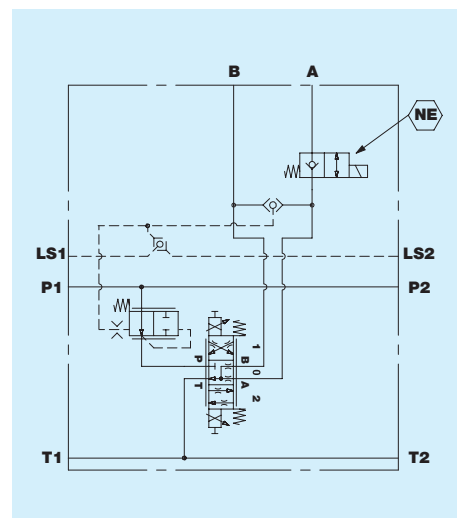
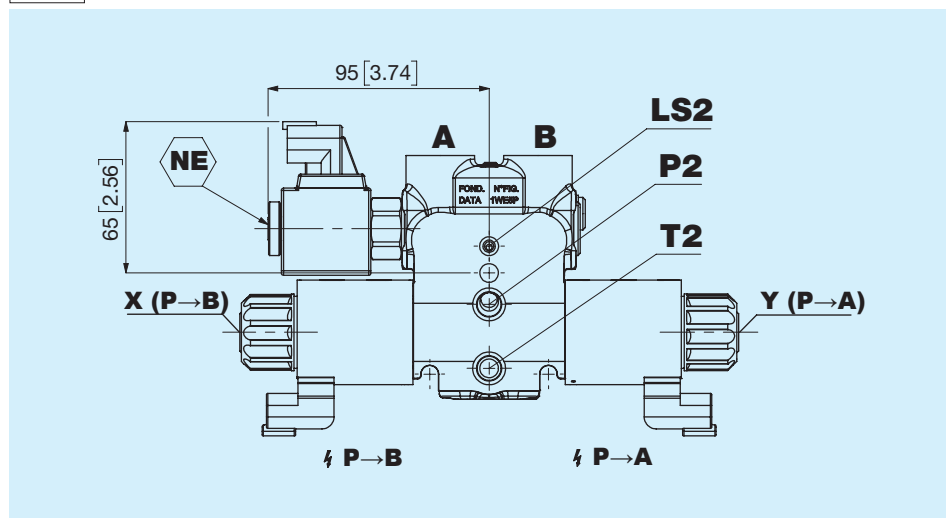
VL - Valvola limitatrice di pressione bocca A



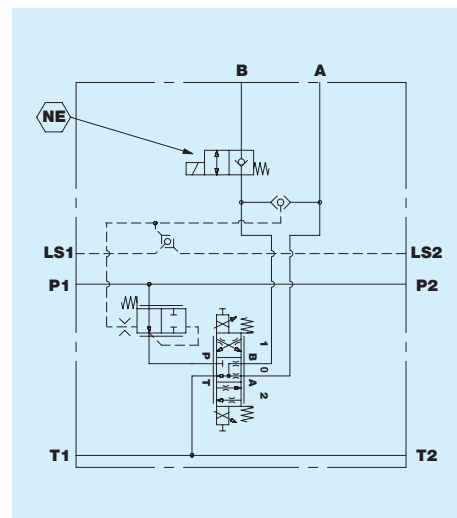
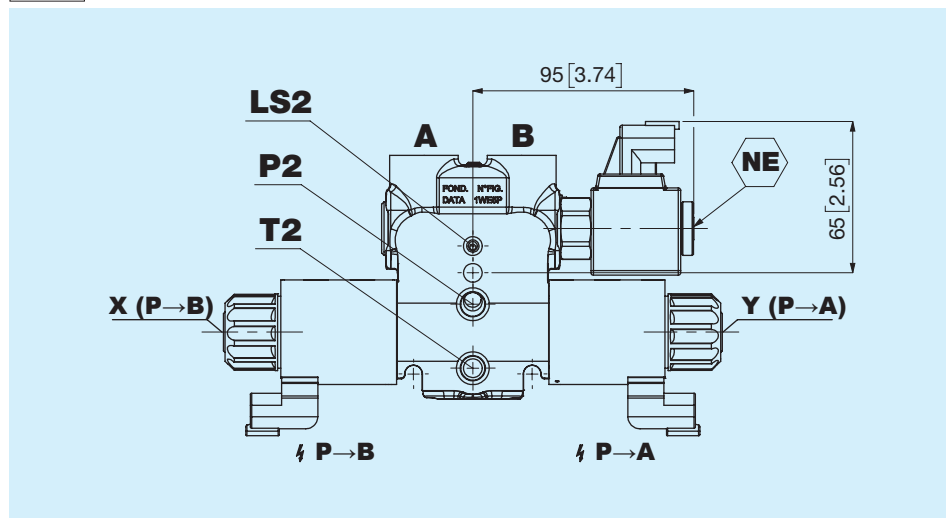
VL - Valvola limitatrice di pressione bocca B



NE Elettrovalvola 2/2 bocca A



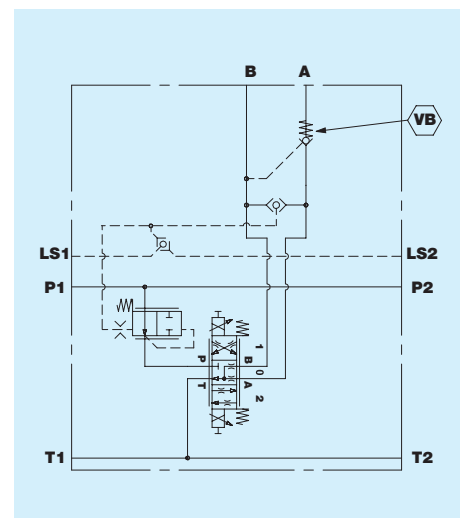
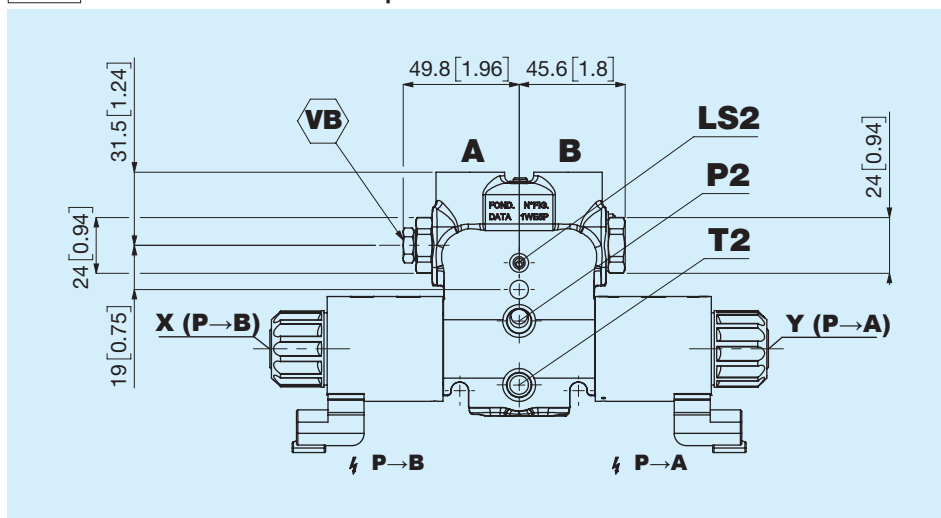
NE Elettrovalvola 2/2 bocca B



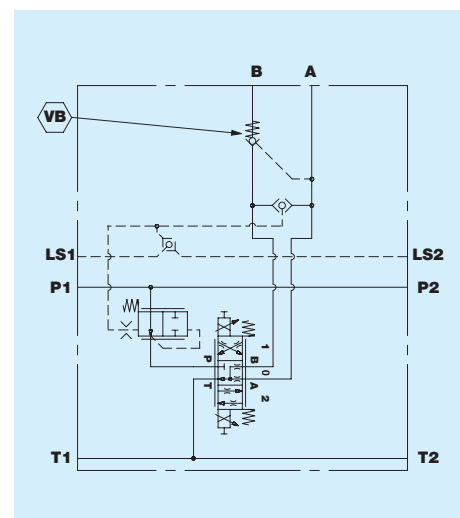
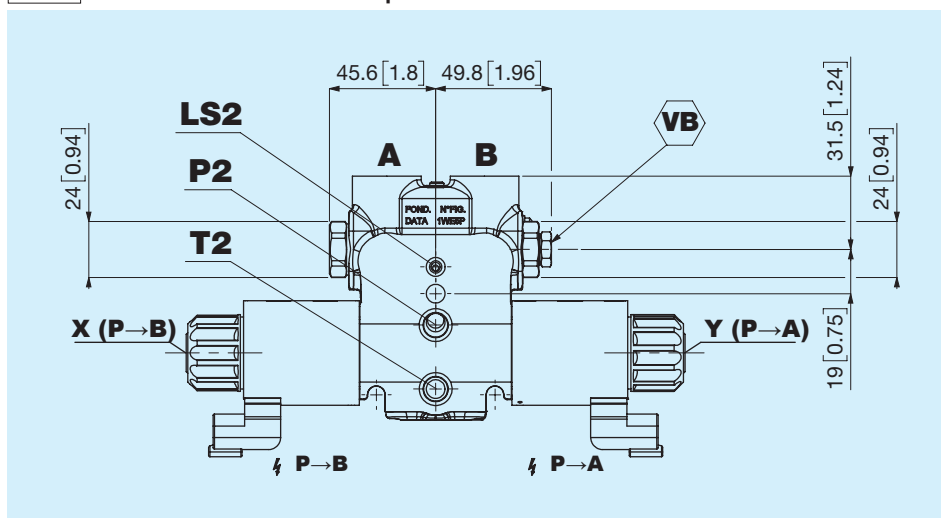
Caratteristiche elettriche bobine Elettrovalvola 2/2

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

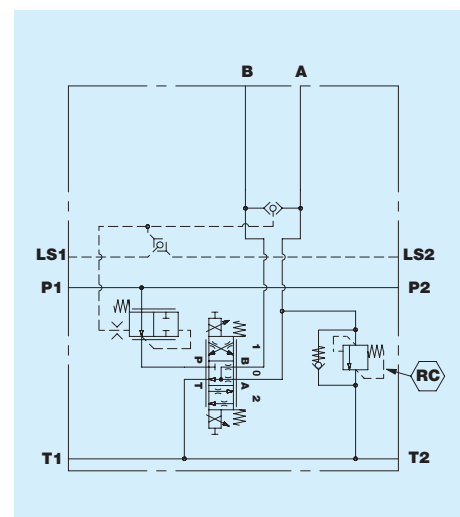
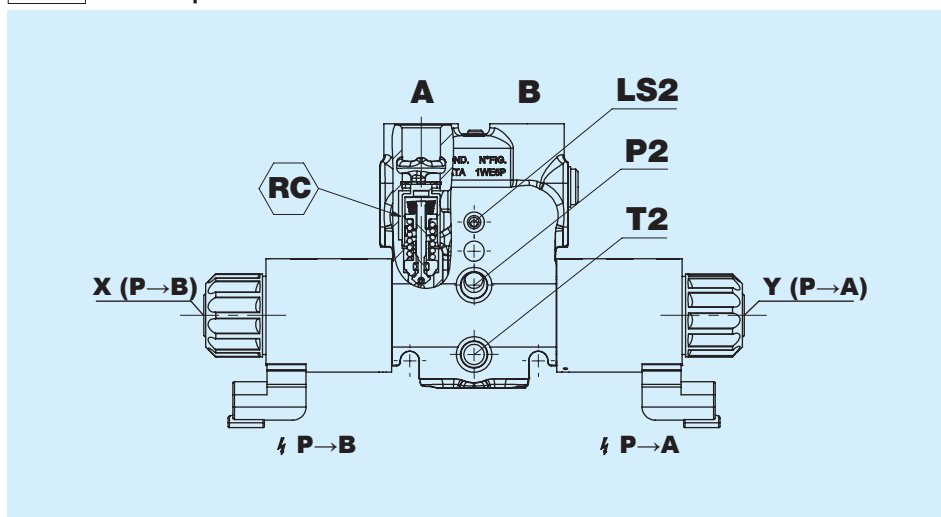
VB Valvola di blocco pilotata bocca A



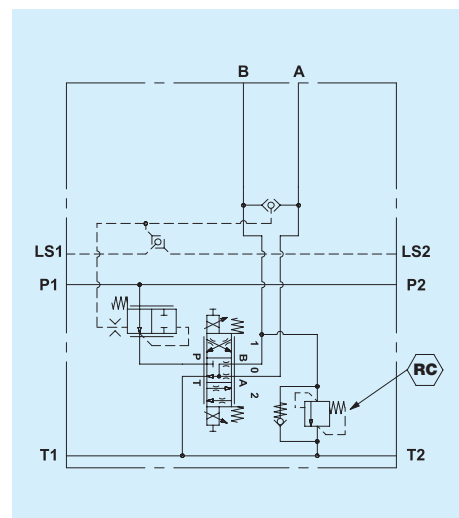
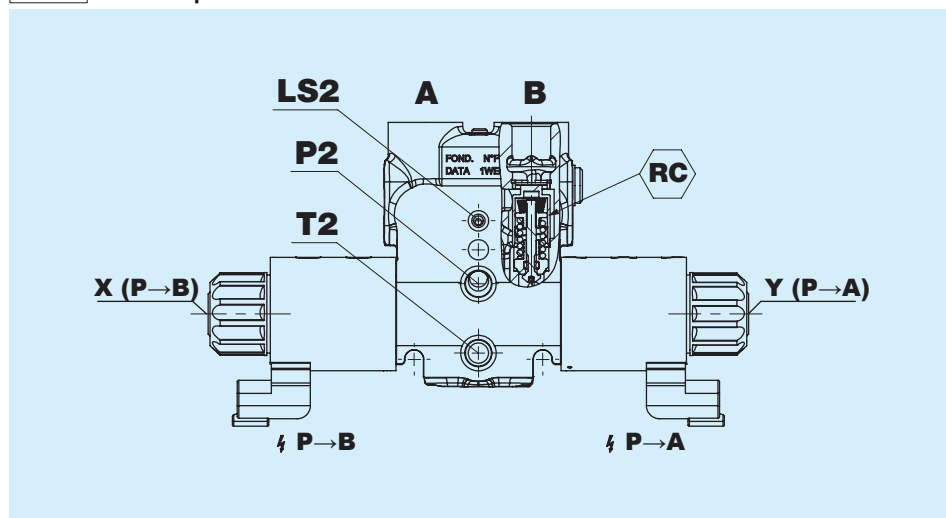
VB Valvola di blocco pilotata bocca B



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	NE	VB	RC
NN	•	•	•	•	•
VL	•	•	•	•	
NE	•	•	•		•
VB	•	•		•	
RC	•		•		•

- NN** Nessuna
- VL** Valvola limitatrice di pressione
- NE** Elettrovalvola 2/2
- VB** Valvola di blocco pilotata
- RC** Valvola limitatrice di pressione ed anticavitazione interna

BW0511CP	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									
	0A 5 l/min - 1,32 US gpm	0C 16 l/min - 4,23 US gpm	0E 26 l/min - 6,87 US gpm	0H 37 l/min - 9,77 US gpm						
	0B 10 l/min - 2,64 US gpm	0D 20 l/min - 5,28 US gpm	0F 32 l/min - 8,45 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 Valvola bocca A									
	NN Nessuna	NE Elettrovalvola 2/2	VB Valvola di blocco pilotata	RC Valvola limitatrice di press. ed anticav. interna						
14 15	Pressione di taratura valvola RC bocca A									
	NN Nessuna	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						
	08 80 bar	14 140 bar	20 200 bar							
16 17	Tipo Valvola bocca B									
	NN Nessuna	NE Elettrovalvola 2/2	VB Valvola di blocco pilotata	RC Valvola limitatrice di press. ed anticav. interna						

18 19

20 21

18 19

Pressione di taratura valvola RC bocca B

NN Nessuna	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
08 80 bar	14 140 bar	20 200 bar	

20

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
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