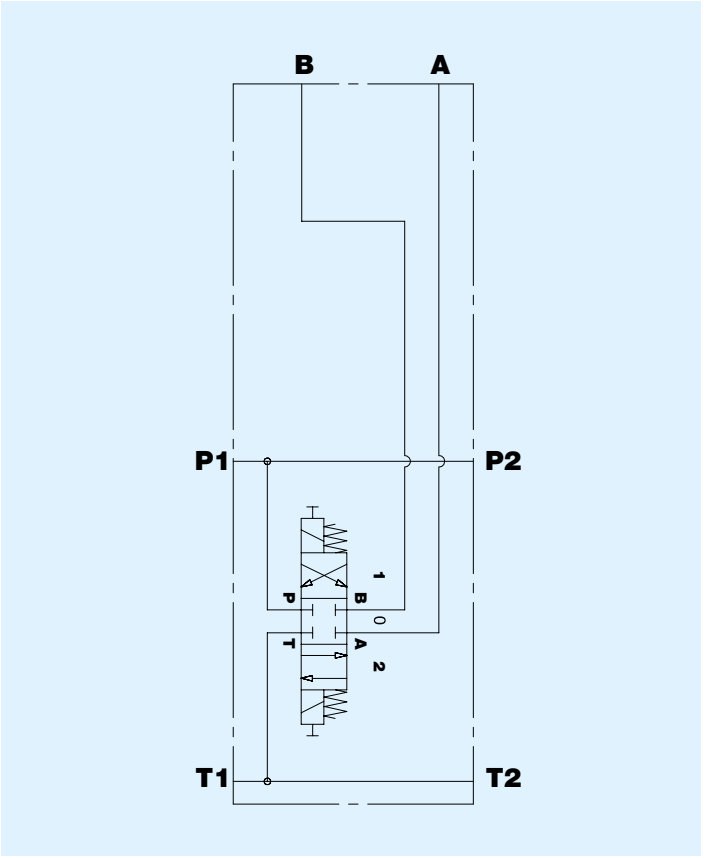
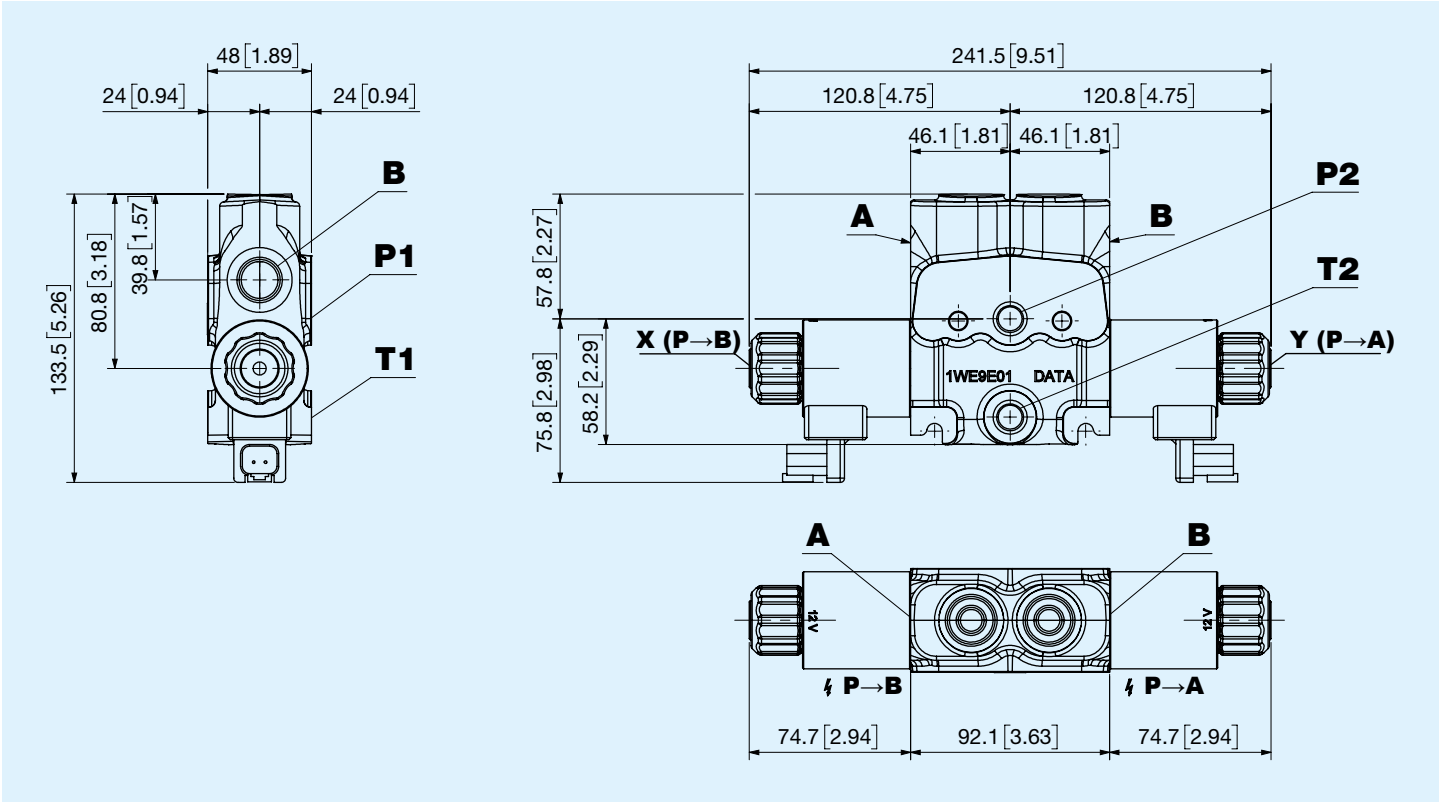
BW1022AO Elemento 4/3 ON-OFF
Interface IBW1022

Antes de iniciar o uso, leia atentamento o documento INSTRUÇÕES GERAIS DE USO PARA AS VÁLVULAS DE CONTROLE DIRECIONAL

Vazãonnominal	**90 l/min** ***23,78 US gpm***
Pressão nominal	**250 bar** ***3625 psi***
Contrapressão máxima para a descarga	**50 bar** ***725 psi***
Troquel interno	**40 ± 20 cc/min**
Temperatura de uso	**-20°C +85°C NBR seals** ***(max peak +100°C)*** ***-20°C + 130°C HNBR seals***
Viscosidade do óleo d	**de 15 mm²/s a 90 mm²/s** ***(15 cSt a 90 cSt)***
Fluido	**Fluidos hidráulicos definidos pela norma ISO 6743-4**
Massa	**4,1 Kg** ***9 lb***
Interface	**IBW1022**

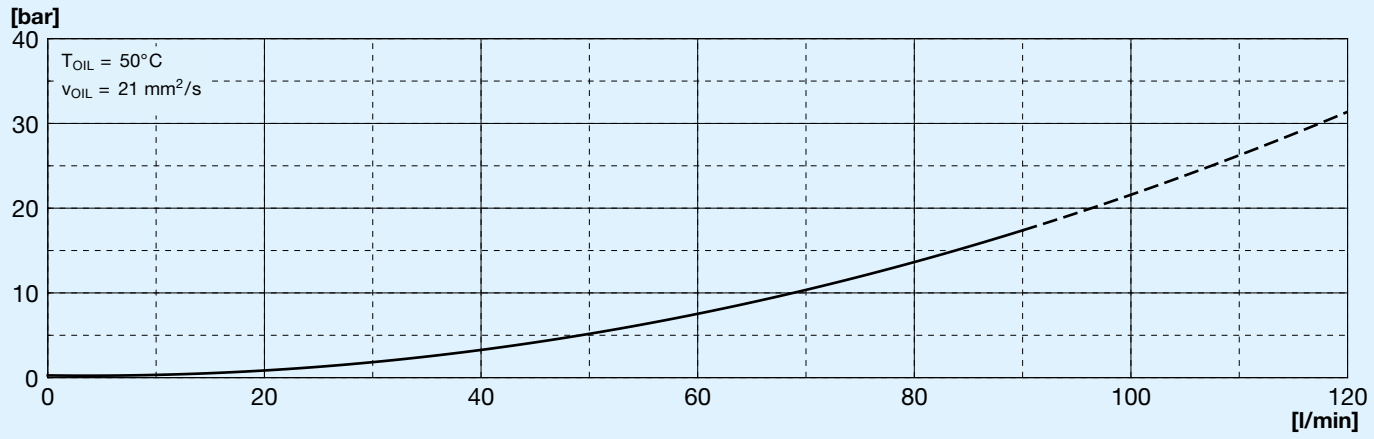


Dimensões de volume



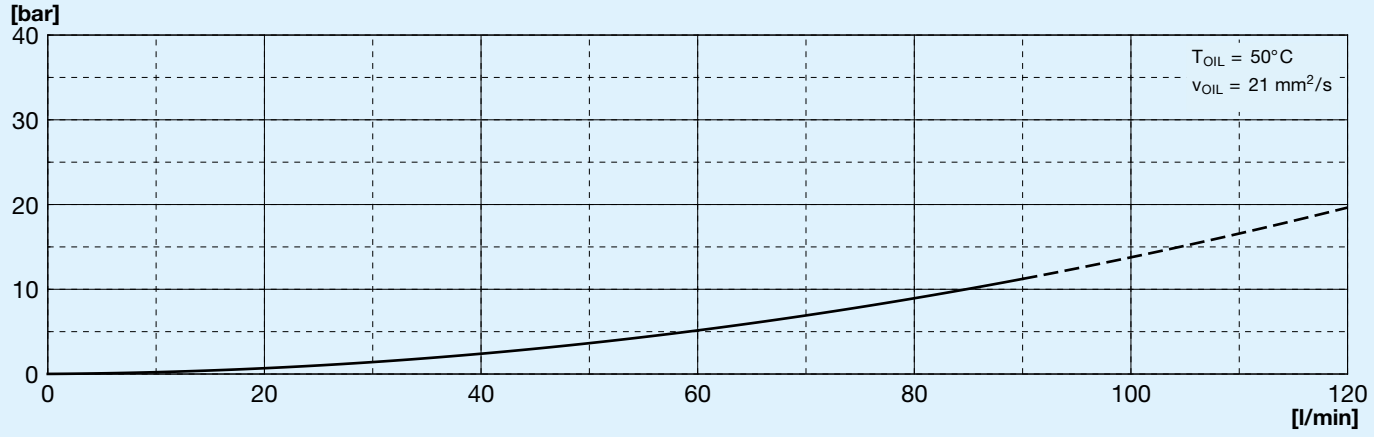
X - Y = Emergência com botão em impulso

Curva característica P-A



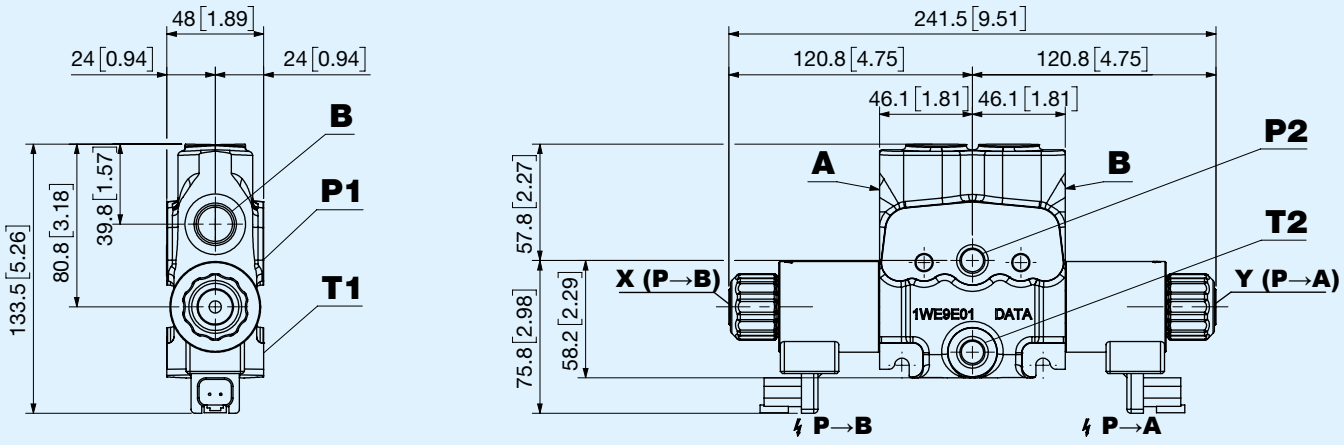
Parâmetros de teste: Circuito **001**

Curva característica B-T

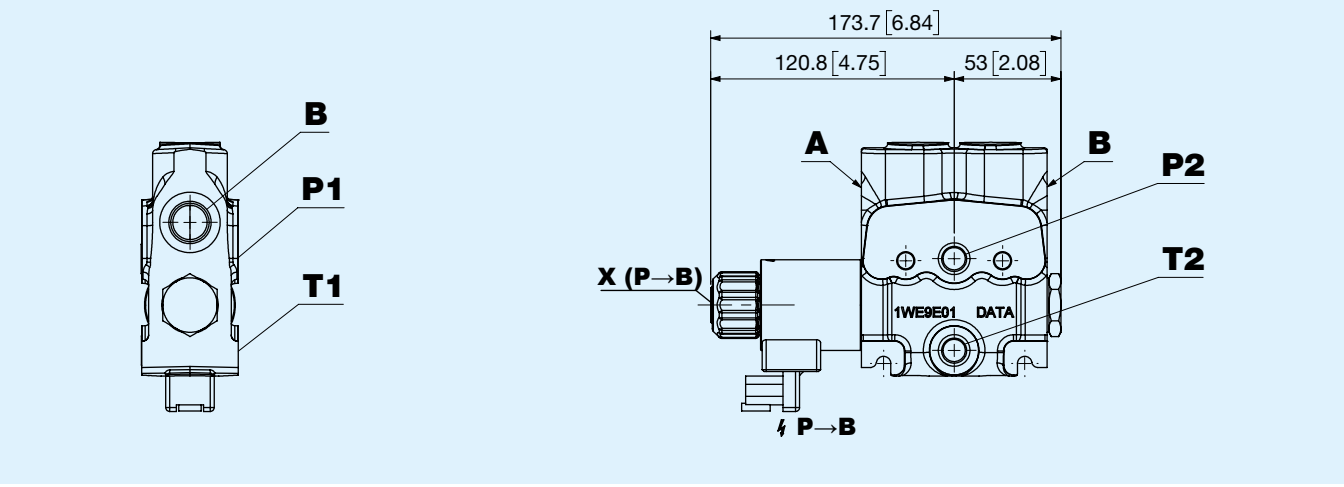


Parâmetros de teste: Circuito **001**

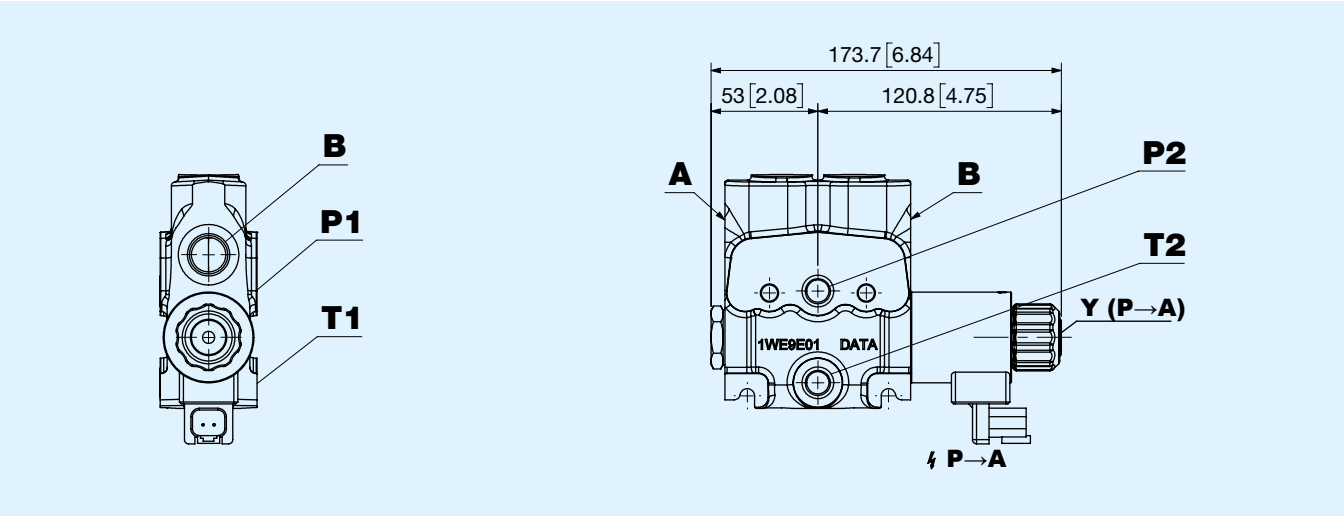
A Duas bobinas lado da conexão A e B



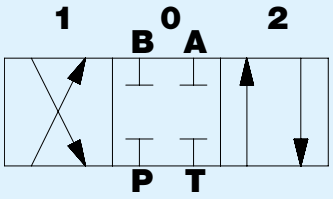
E Uma bobina lado da conexão A



F Uma bobina lado da conexão B



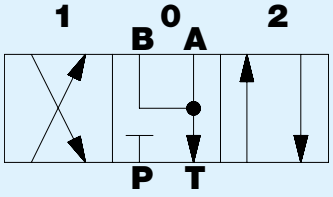
001 Circuito



Posições

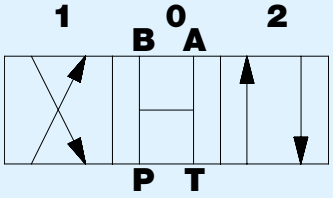
1	0	2
P → A B → T	P ┤ T ┤ A ┤ B ┤	P → B A → T

003 Circuito



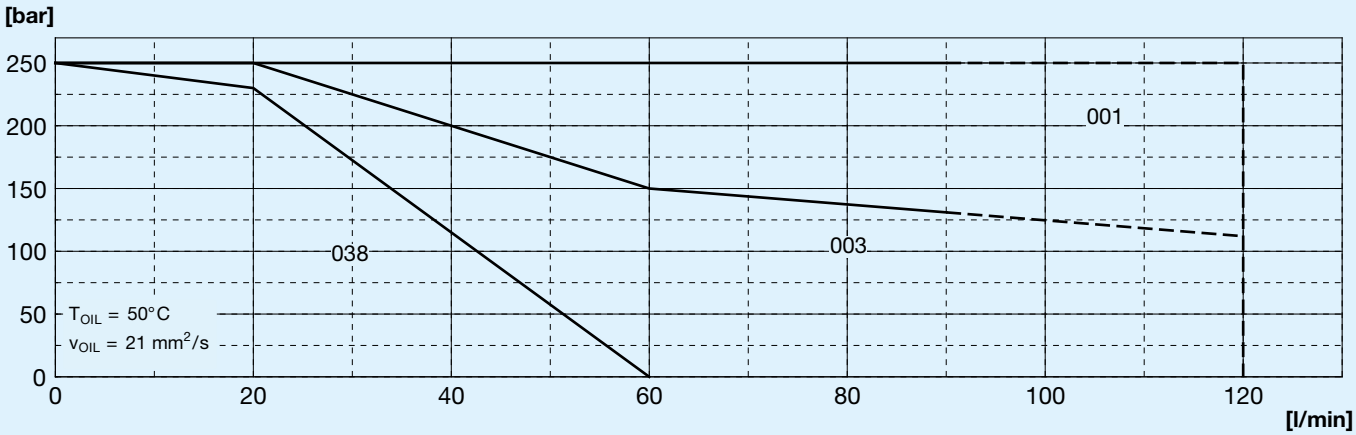
1	0	2
P → B A → T BP ┤	A, B → T P ┤	P → A B → T BP ┤

038 Circuito

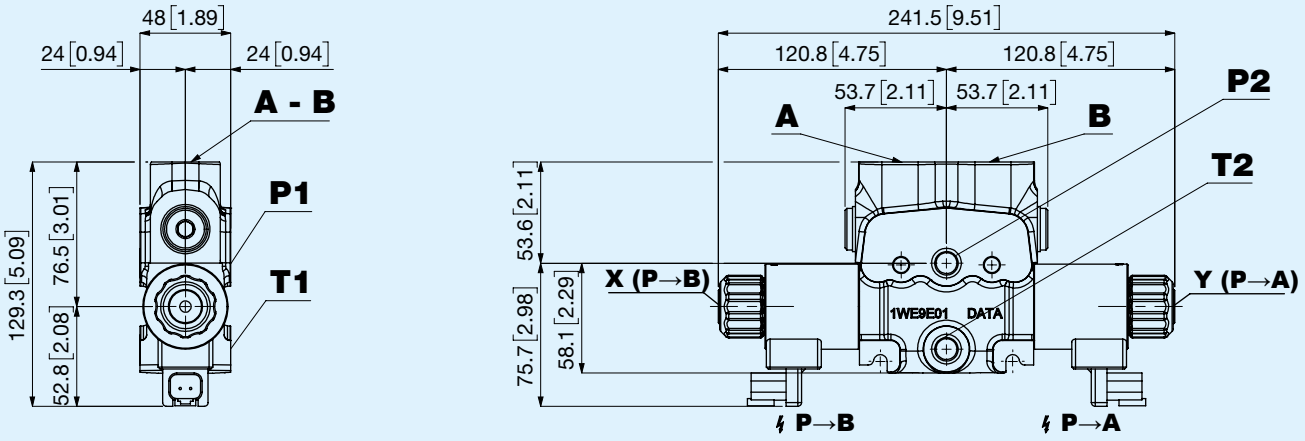


1	0	2
P → A B → T	B,A → T P ┤	P → B A → T

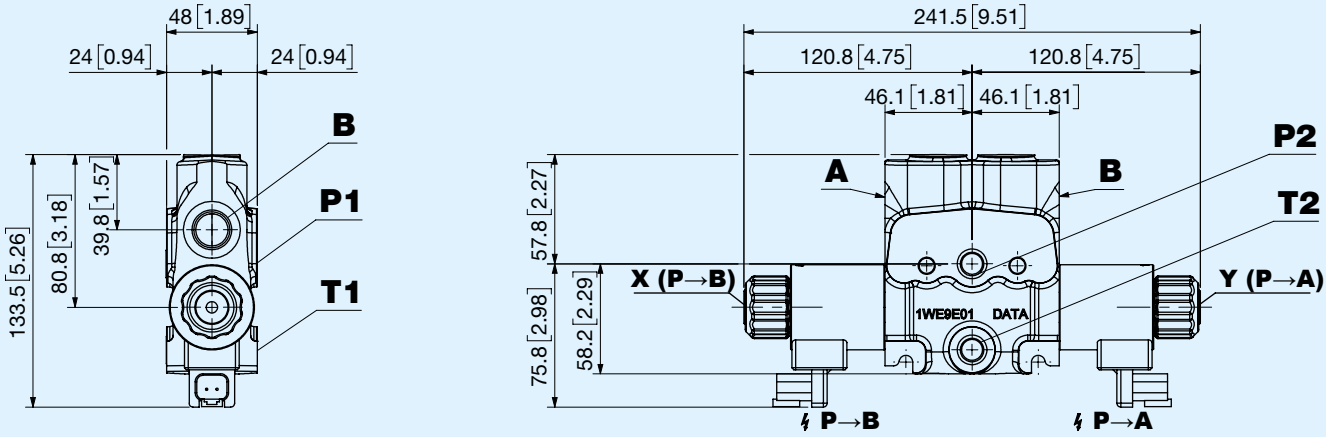
Limites de uso por circuito



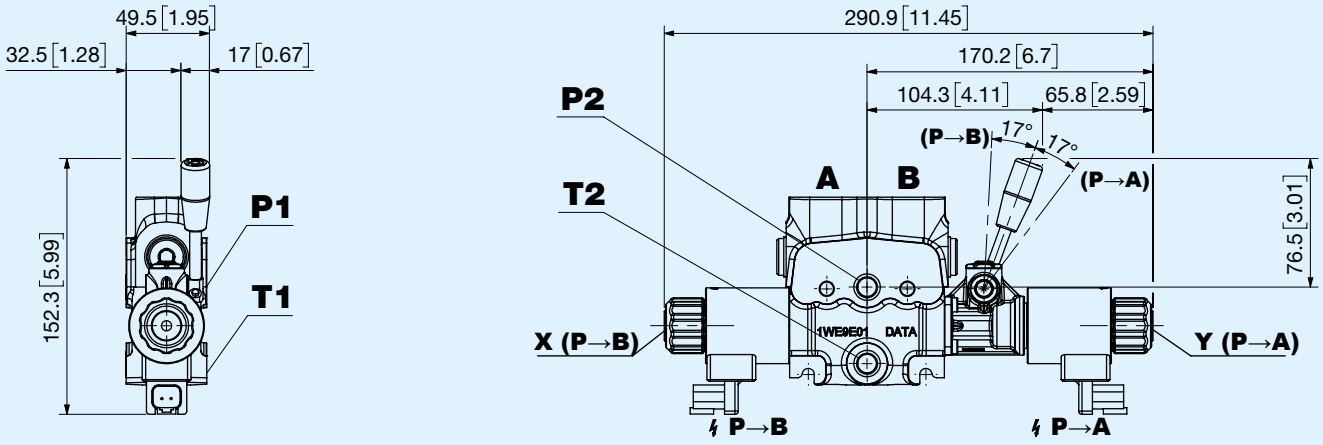
TP Conexões superiores - Top ports



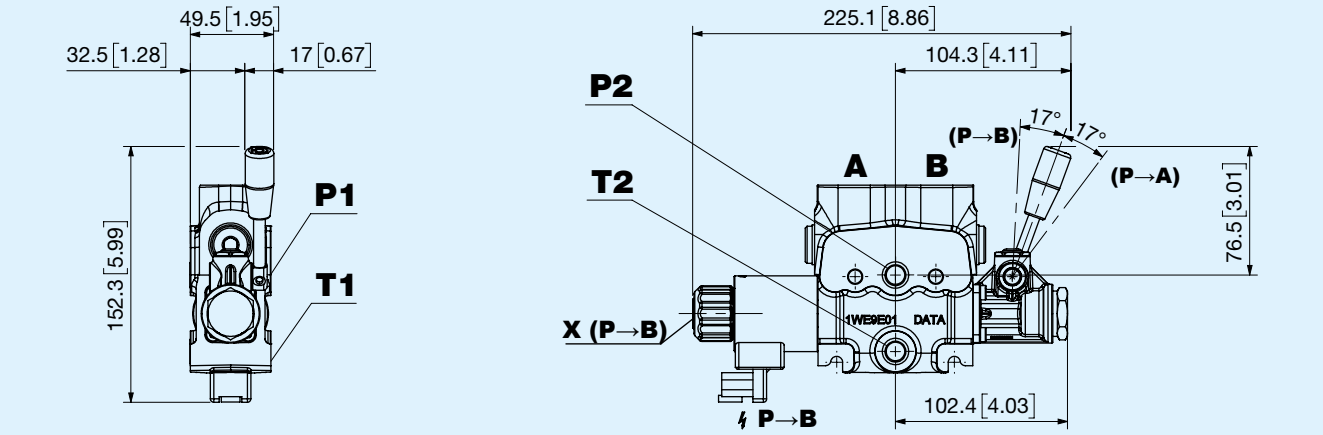
SP Conexões laterais - Side ports



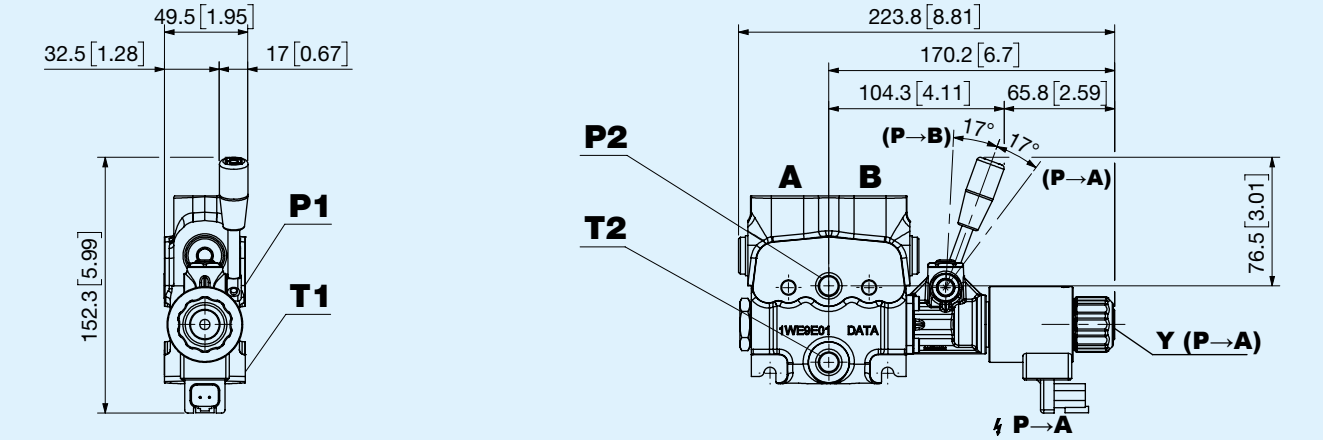
B Duas bobinas lado da conexão A e B e alavanca de emergência



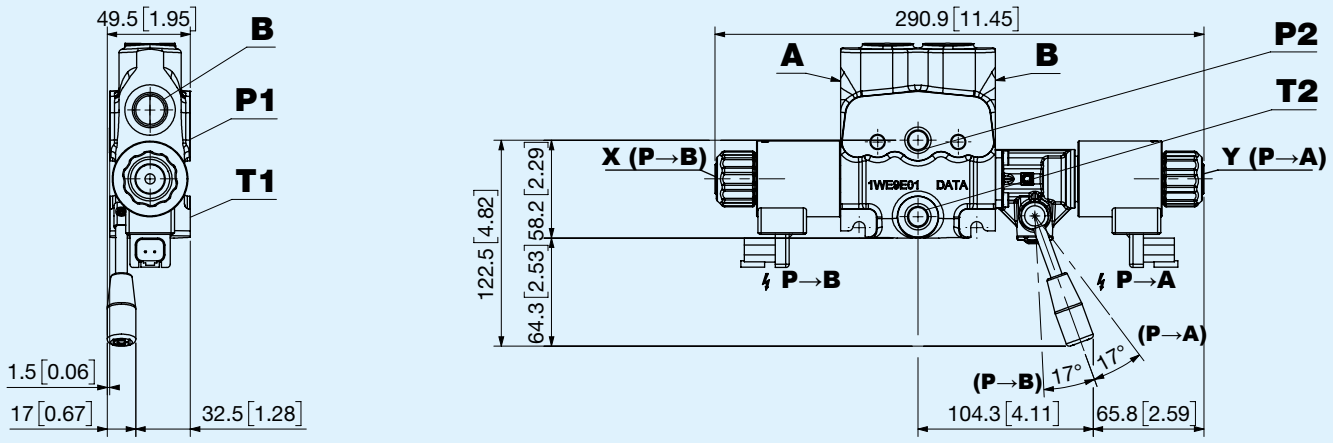
C Uma bobina lado da conexão A e alavanca de emergência



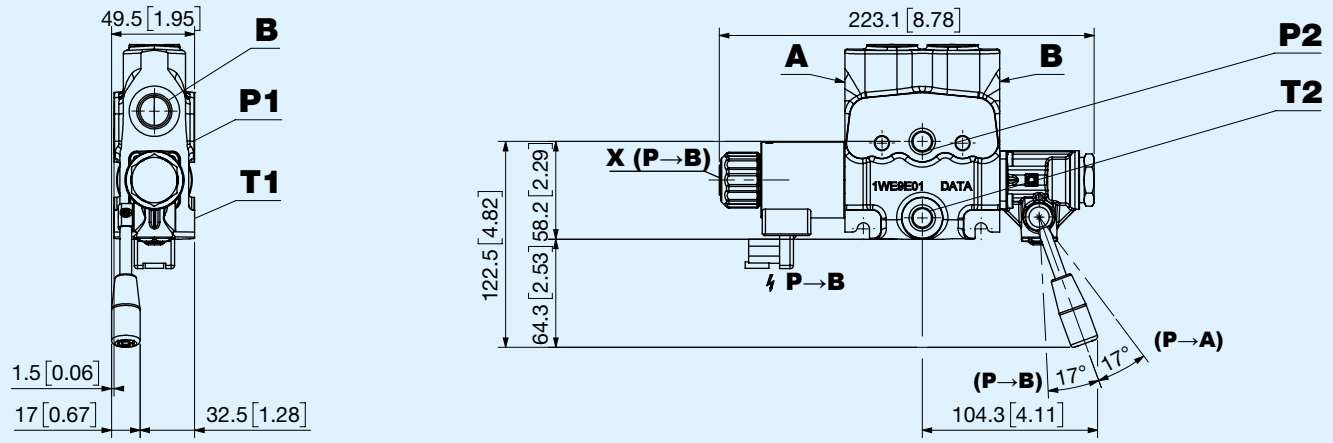
D Uma bobina lado da conexão B e alavanca de emergência



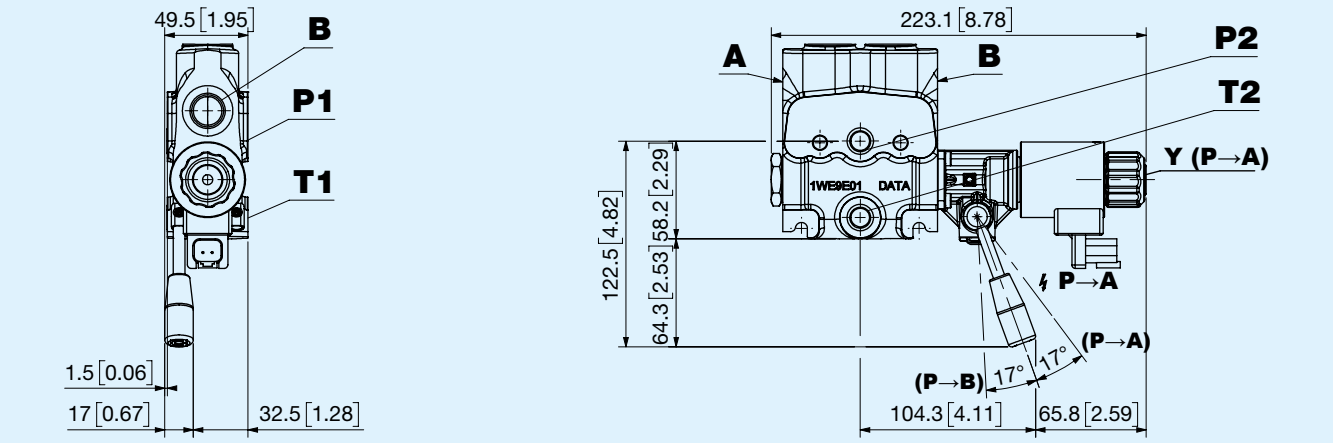
B Duas bobinas lado da conexão A e B e alavanca de emergência



C Uma bobina lado da conexão A e alavanca de emergência



D Uma bobina lado da conexão B e alavanca de emergência

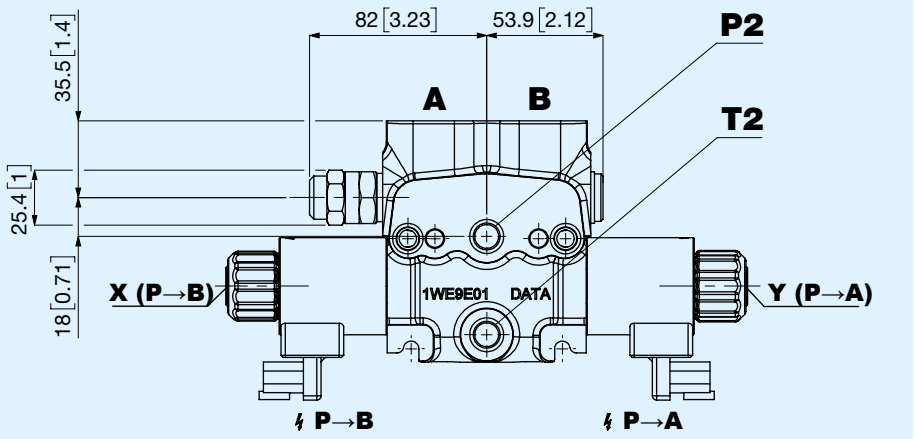


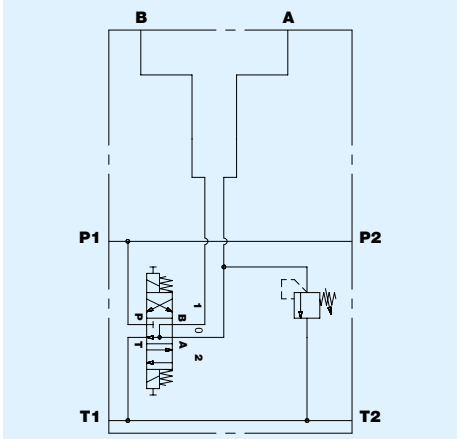
Rosqueamento das conexões A e B

Código	Tipo	Aberto ± 10% Nm
B	1/2'' GÁS ISO 1179	75
N	M22x1,5 ISO 9974	75
J	M22x1,5 ISO 6149	75
R	7/8'' - 14 SAE ISO 11926	75

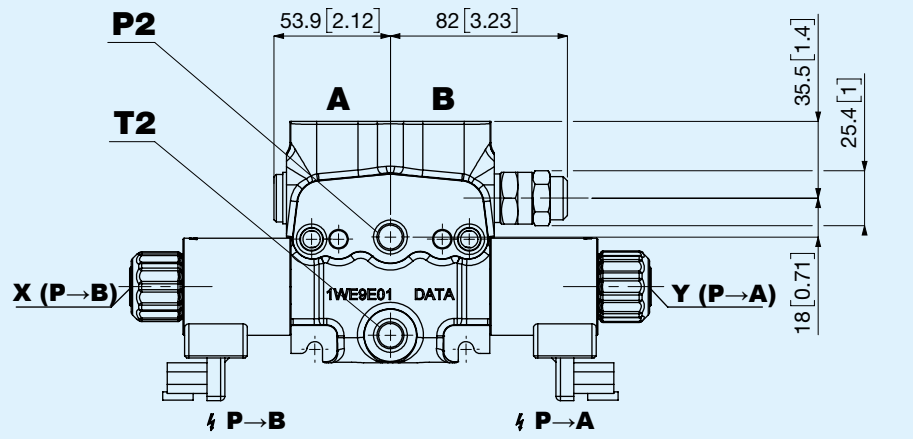
Tipo de válvula conexão A - B

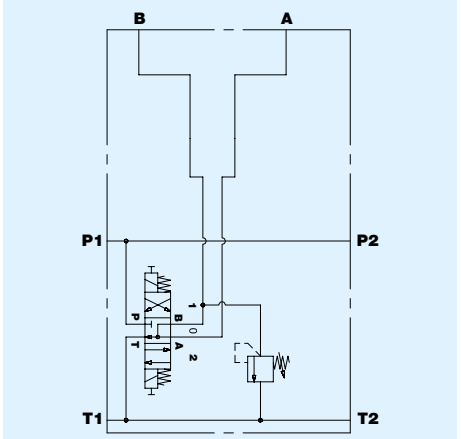
VL Válvula limitadora de pressão conexão A



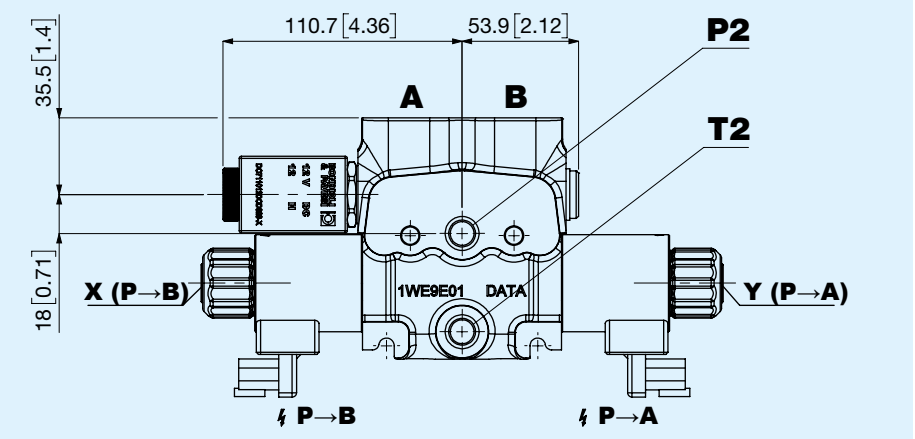


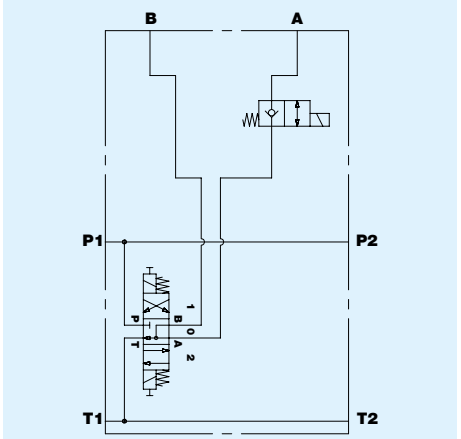
VL Válvula limitadora de pressão conexão B



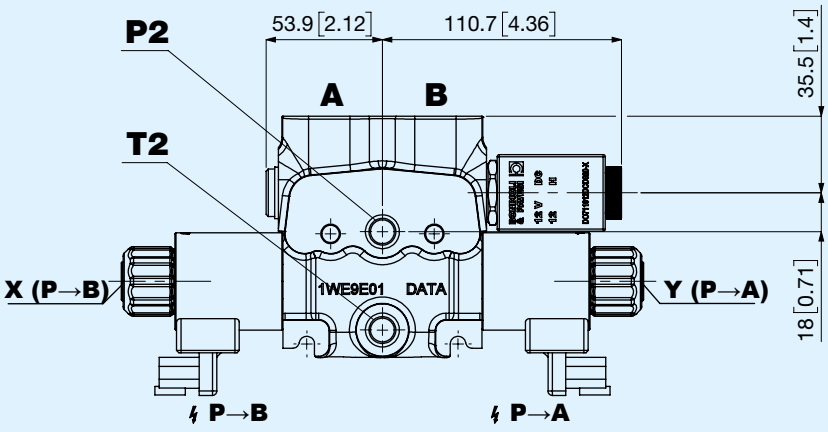


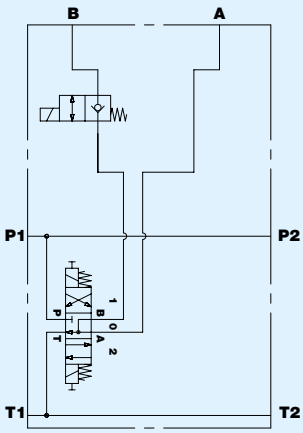
NE Eletroválvula 2/2 conexão A



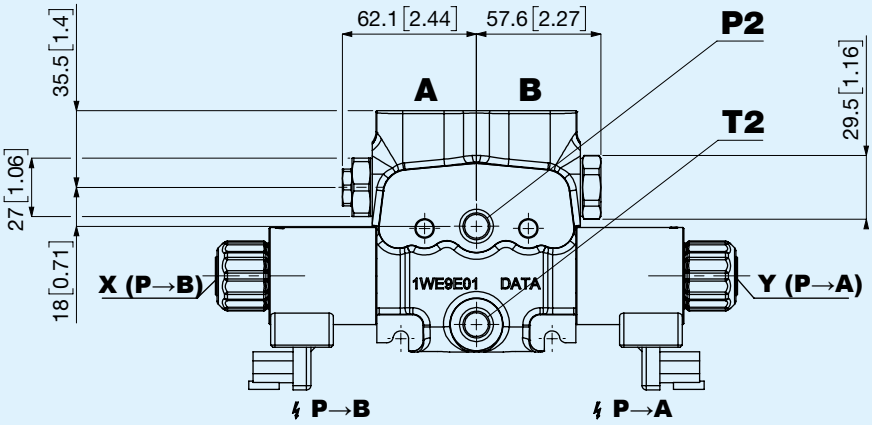


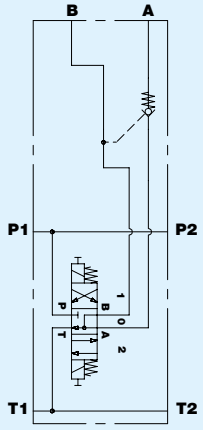
NE Eletroválvula 2/2 conexão B



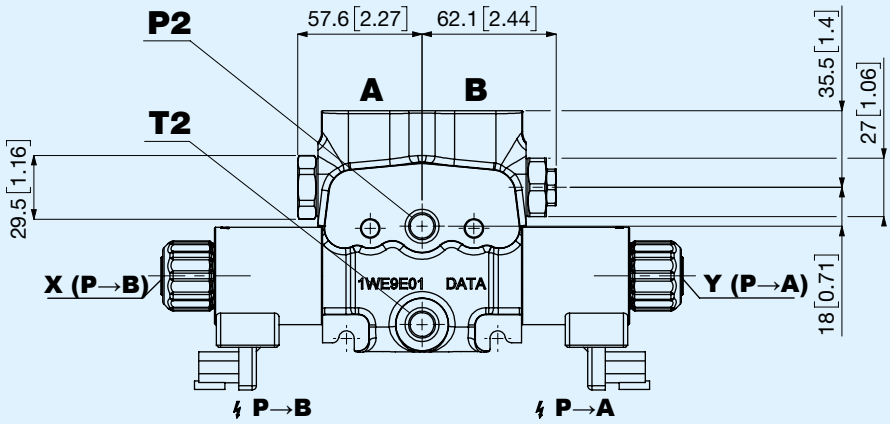


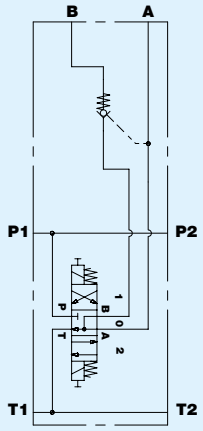
VB Válvula de bloqueio pilotada conexão A





VB Válvula de bloqueio pilotada conexão B





Tipo de válvula conexão A - B

Possíveis combinações da válvula da conexão A e B

Conexão A	Conexão B				
	NN	**TP**	**VL**	**VB**	**NE**
NN	•	•	•	•	•
TP	•	•	•	•	•
VL	•	•	•		•
VB	•	•		•	

NN - Nenhuma
TP - Trabalhado conectado
VB - Válvula de bloqueio pilotada
NE - Eletroválvula 2/2
VL - Válvula limitadora de pressão

Composição do código

BW1022AO	1	2 3 4	5 6	7	8 9	10 11	12	13

1

Configurações

A	Duas bobinas lado da conexão A e B	**F**	Uma bobina lado da conexão B	**C**	Uma bobina lado da conexão A e alavanca de emergência
E	Uma bobina lado da conexão A	**B**	Duas bobinas lado da conexão A e B e alavanca de	**D**	Uma bobina lado da conexão B e alavanca de emergência

2 3 4

Circuitos

001	Circuito	**003**	Circuito	**038**	Circuito

5 6

Tipo de elemento

TP	Conexões superiores - Top ports	**SP**	Conexões laterais - Side ports

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Rosqueamento das conexões A e B

B	1/2'' GÁS ISO 1179	**N**	M22x1,5 ISO 9974	**J**	M22x1,5 ISO 6149	**R**	7/8'' - 14 SAE ISO 11926

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Tipo de válvula da conexão A

NN	Nenhuma	**09**	VL 90 bar	**15**	VL 150 bar	**21**	VL 210 bar
TP	Trabalhado conectado	**10**	VL 100 bar	**16**	VL 160 bar	**22**	VL 220 bar
NE	Eletroválvula 2/2	**11**	VL 110 bar	**17**	VL 170 bar	**23**	VL 230 bar
VB	Válvula de bloqueio pilotada	**12**	VL 120 bar	**18**	VL 180 bar	**24**	VL 240 bar
07	VL 70 bar	**13**	VL 130 bar	**19**	VL 190 bar	**25**	VL 250 bar
08	VL 80 bar	**14**	VL 140 bar	**20**	VL 200 bar		

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Tipo de válvula da conexão B

NN	Nenhuma	**09**	VL 90 bar	**15**	VL 150 bar	**21**	VL 210 bar
TP	Trabalhado conectado	**10**	VL 100 bar	**16**	VL 160 bar	**22**	VL 220 bar
NE	Eletroválvula 2/2	**11**	VL 110 bar	**17**	VL 170 bar	**23**	VL 230 bar
VB	Válvula de bloqueio pilotada	**12**	VL 120 bar	**18**	VL 180 bar	**24**	VL 240 bar
07	VL 70 bar	**13**	VL 130 bar	**19**	VL 190 bar	**25**	VL 250 bar
08	VL 80 bar	**14**	VL 140 bar	**20**	VL 200 bar		

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Tensão e conector

A	12V DIN 43650	**B**	24V DIN 43650	**G**	12V DEUTSCH DT04-2P	**H**	24V DEUTSCH DT04-2P

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Tratamento externo

N	Nenhum	**Z**	Galvanização