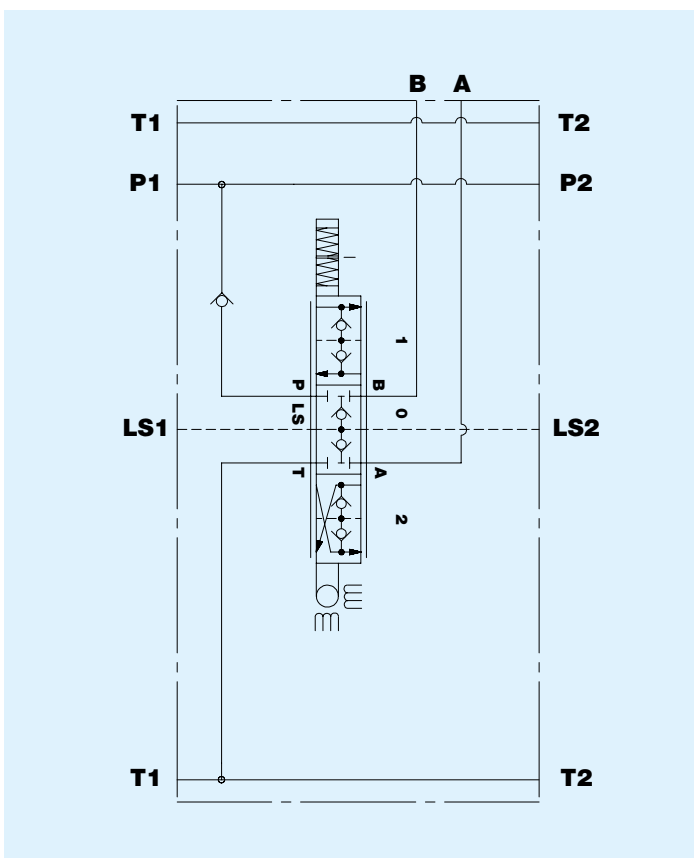


BW1455AS Elemento 6/3 Load Sensing com acionamento mecatrônico CAN Interface IBW1455

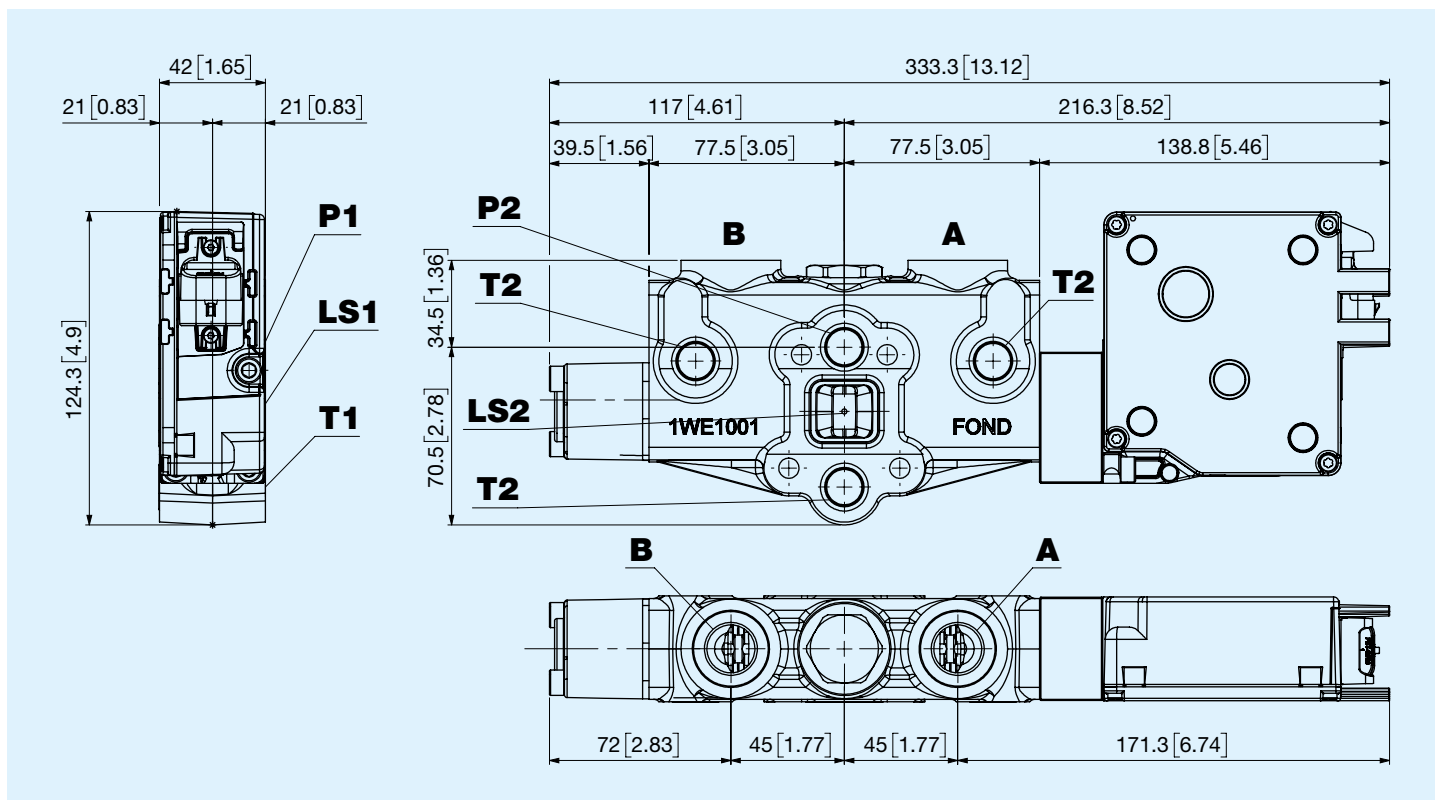


Antes de iniciar o uso, leia atentamente o documento INSTRUÇÕES GERAIS DE USO PARA AS VÁLVULAS DE CONTROLE DIRECIONAL

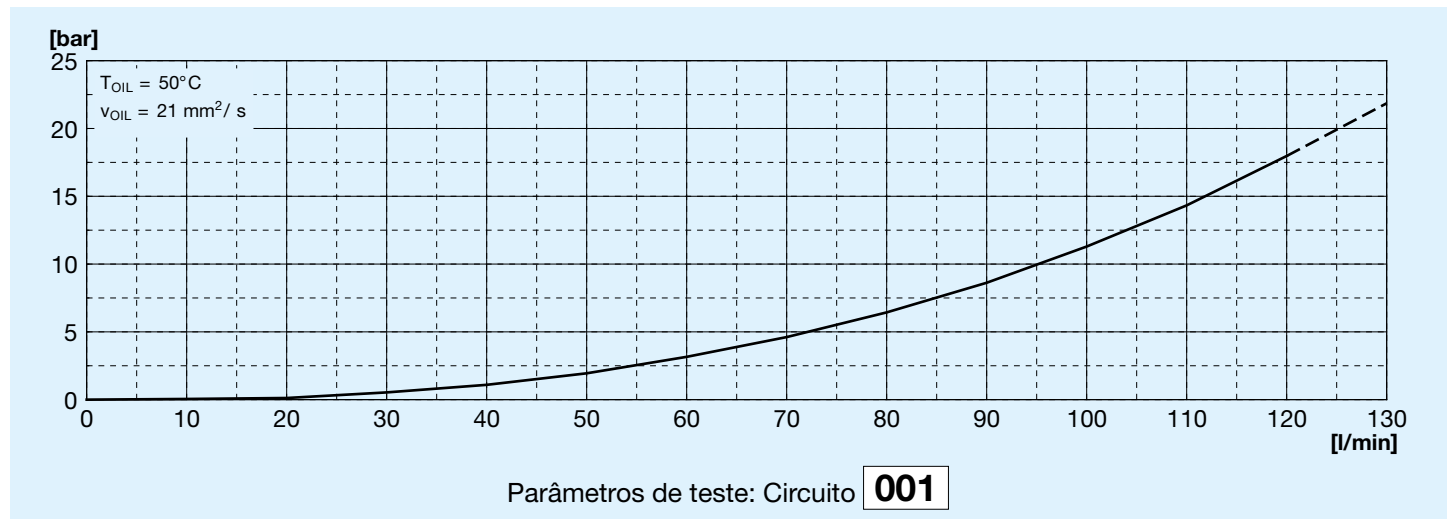
Vazão nominal	120 l/min - $\Delta P=18$ bar 31,7 US gpm - $\Delta P=261$ psi
Pressão nominal	300 bar 4351 psi
Contrapressão máxima para a descarga	50 bar 725 psi
Troquel interno	8 cc/min (21 cSt - 100 bar)
Temperatura de uso	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Viscosidade do óleo de exercício	de 15 mm²/s a 90 mm²/s (15 cSt a 90 cSt)
Fluido	Fluidos hidráulicos definidos pela norma ISO 6743-4
Massa	4,2 Kg 9,9 lb
Interface	IBW1455



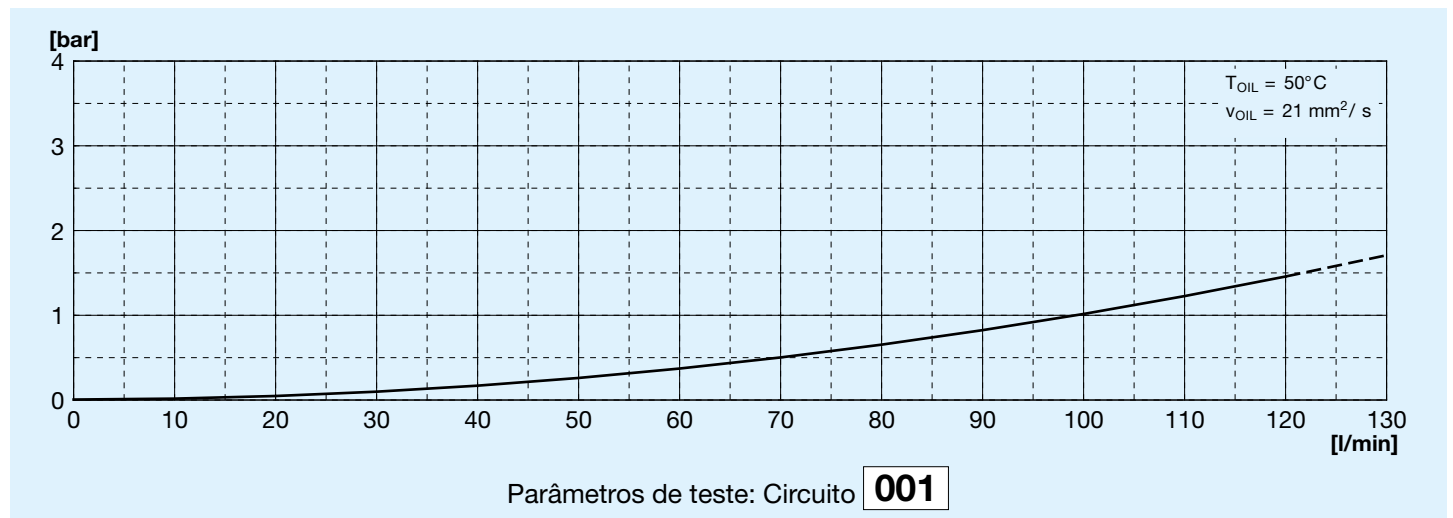
Dimensões de volume



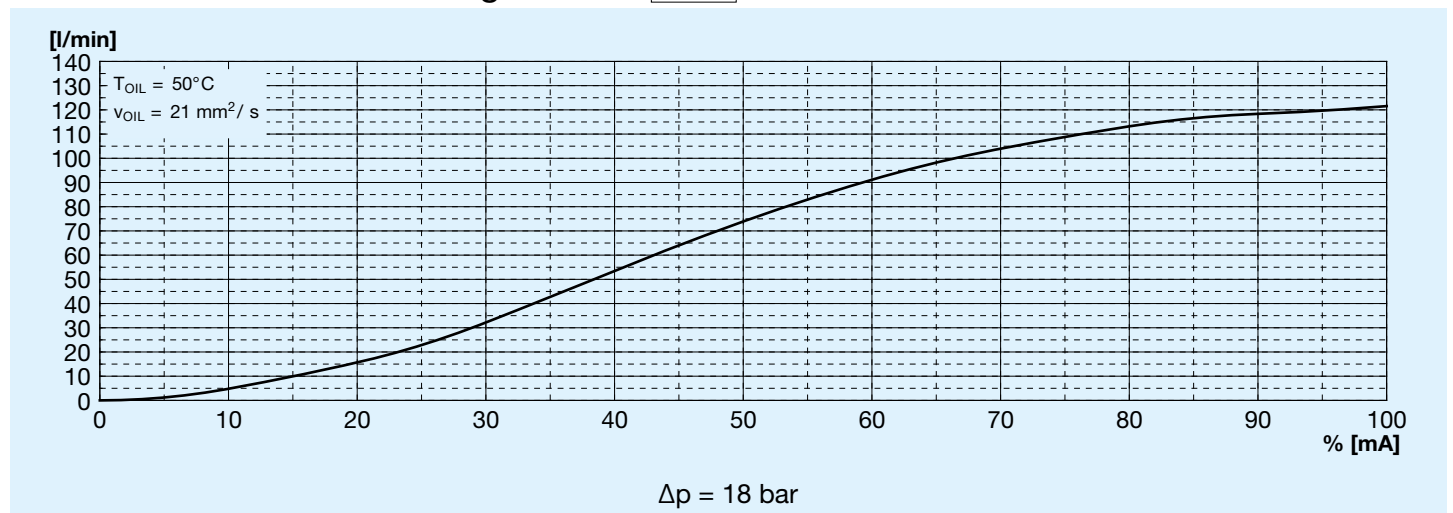
Curva característica P-AB



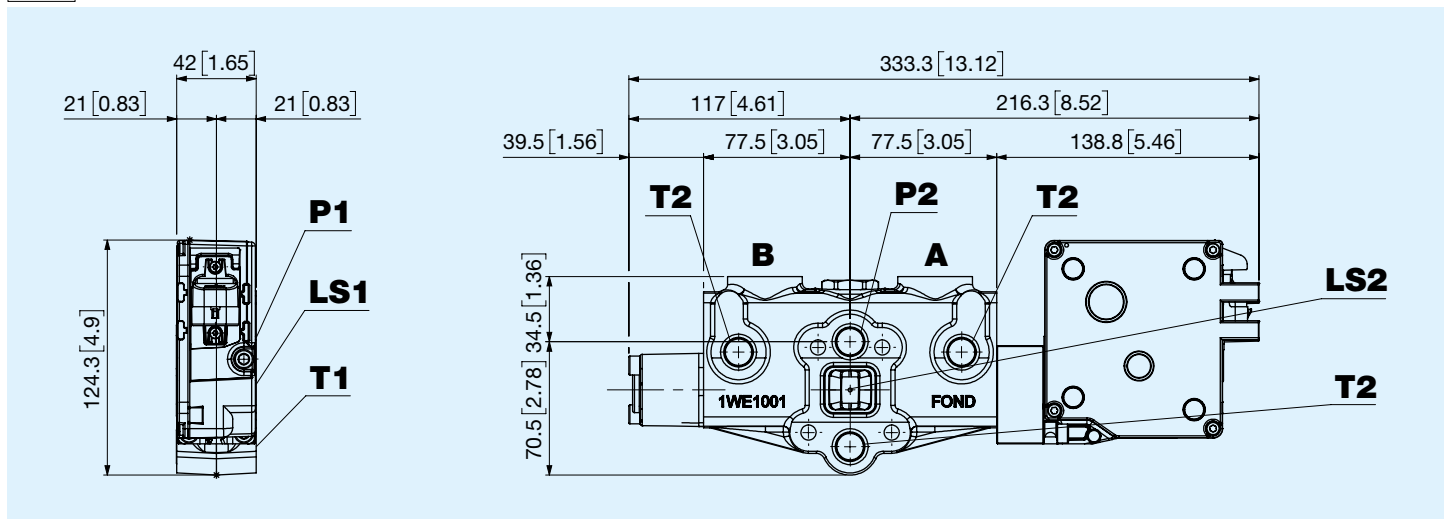
Curva característica AB-T



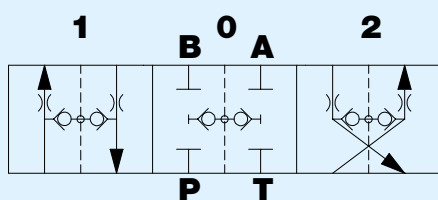
Curva característica Metering Circuito 003



E Acionamento do lado da conexão A



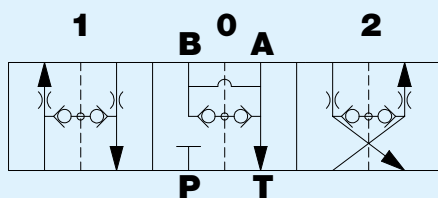
001 Circuito



Posições

1	0	2
P→B A→T	A— B— P— T—	P→A B→T

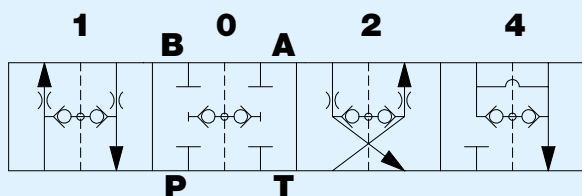
003 Circuito



Posições

1	0	2
P→B A→T	B,A→T P—	P→A B→T

070 Circuito



Posições

1	0	2	4
P→B A→T	A— B— P— T—	P→A B→T	B,A→T P—

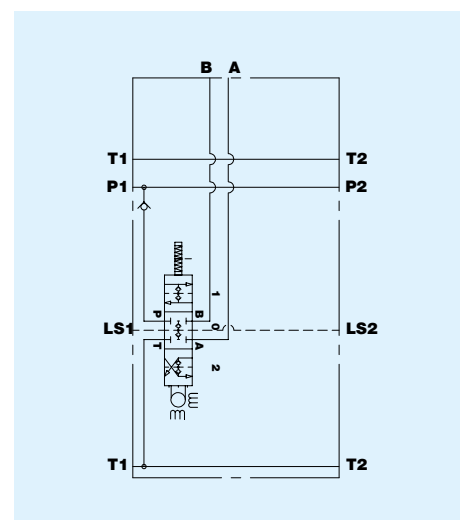
Vazão $\Delta P = 18$ bar

Código	l/min	US gpm
0A	120	31,7

Código	Tipo	Aberto ± 10% Nm
B	1/2" GÁS ISO 1179	70
F	3/4" GÁS ISO 1179	150
N	M22x1,5 ISO 9974	70
J	M22x1,5 ISO 6149	70
5	M27x2 ISO 9974	150
U	M27x2 ISO 6149	150
R	7/8" - 14 SAE ISO 11926	70
V	1" 1/16 - 12 SAE ISO 11926	150

Technical drawing of the WE1001 pump assembly, showing dimensions and labels. The drawing includes the following dimensions and labels:

- Overall width: 333.3 [13.12]
- Top section width: 117 [4.61] and 216.3 [8.52]
- Bottom section width: 77.5 [3.05] and 138.8 [5.46]
- Overall height: 70.5 [2.78]
- Labels: T2, B, P2, A, 1WE1001, FOND, LS2, T2



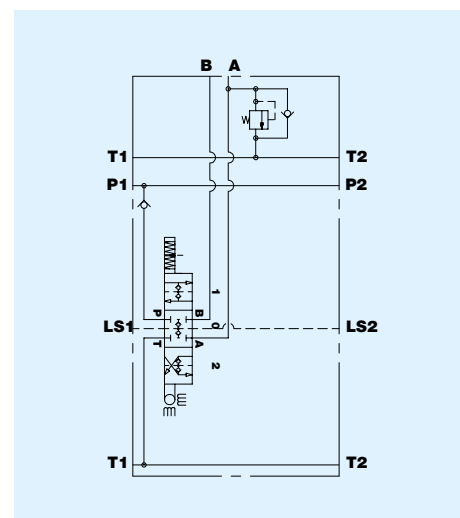
Technical drawing of the 1WF1001 valve assembly, showing a cross-section of the valve body and a side view of the actuator. The drawing includes labels for ports (P2, T2, LS2), components (B, A, FOND), and dimensions in millimeters and inches.

Labels:

- P2**: Port 2 (top left)
- T2**: Port 2 (middle left)
- LS2**: Port 2 (bottom left)
- B**: Valve body (top left)
- A**: Valve body (top right)
- FOND**: Valve body (bottom right)
- 1WF1001**: Valve body (middle left)

Dimensions (mm [inches]):

- 117 [4.61]
- 65.3 [2.57]
- 74.5 [2.93]
- 216.3 [8.52]
- 17 [0.67]
- 63.5 [2.5]
- 115 [4.53]
- 134.3 [5.29]

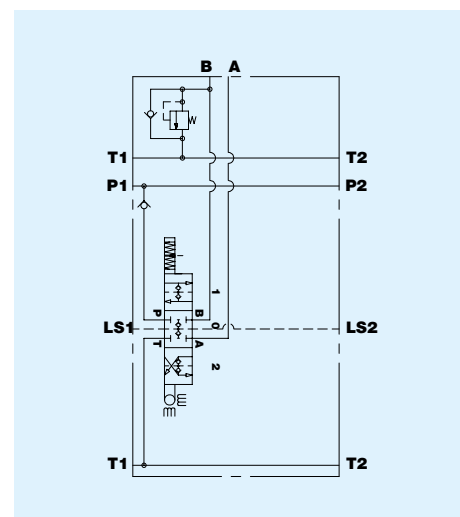


Technical drawing of the 1WF1001 pump assembly, showing front and side views with dimensions and labels.

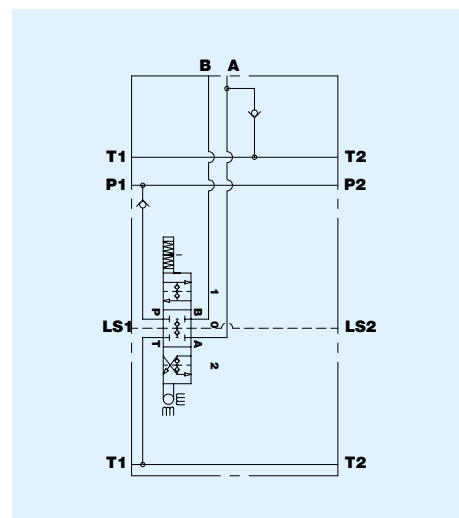
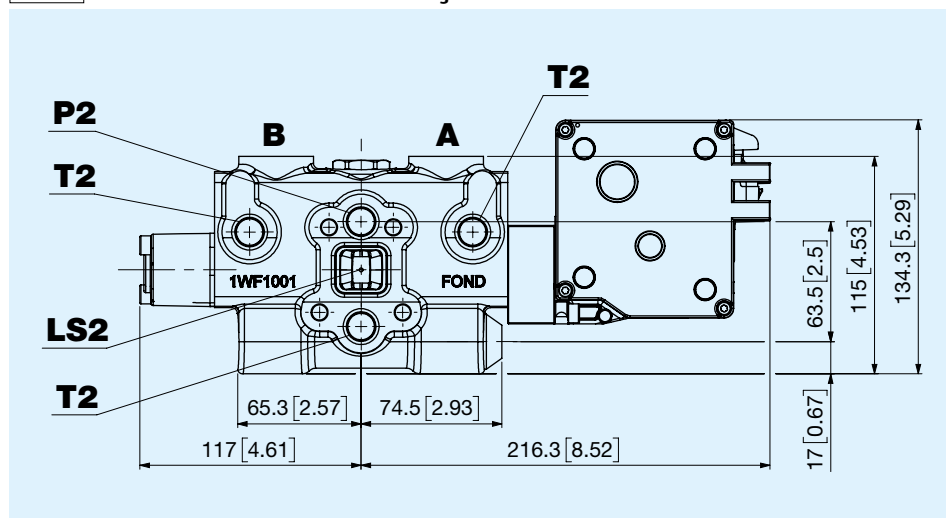
Labels: T2, B, P2, A, T2, 1WF1001, FOND, LS2, T2.

Dimensions (mm):

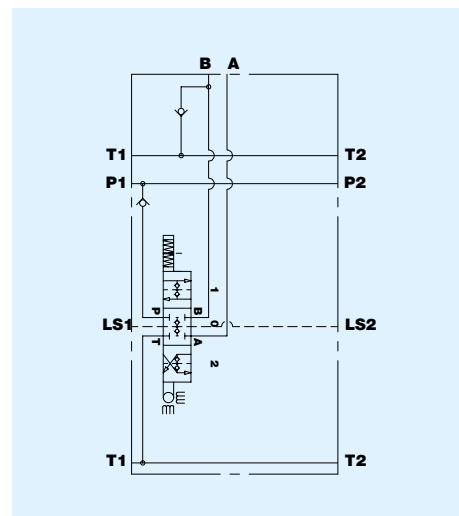
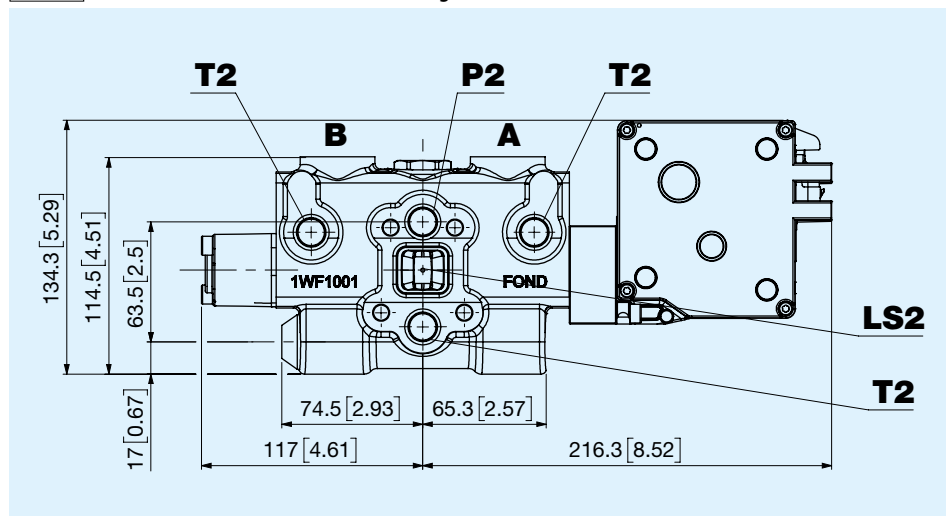
- Overall height: 134.3 [5.29]
- Height to top of pump body: 114.5 [4.51]
- Height to top of motor housing: 63.5 [2.5]
- Height to base: 17 [0.67]
- Distance from base to center of pump body: 74.5 [2.93]
- Distance from base to center of motor housing: 67.5 [2.66]
- Overall width: 117 [4.61]
- Overall length: 216.3 [8.52]



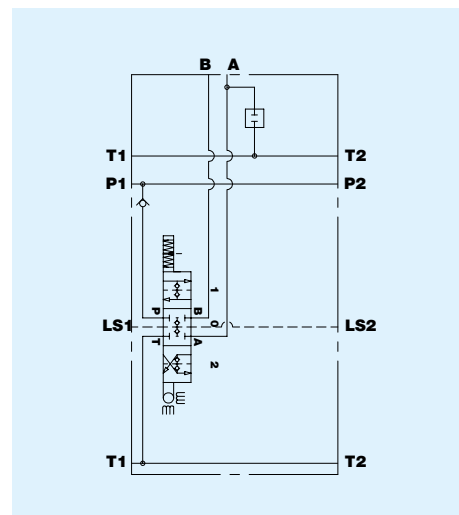
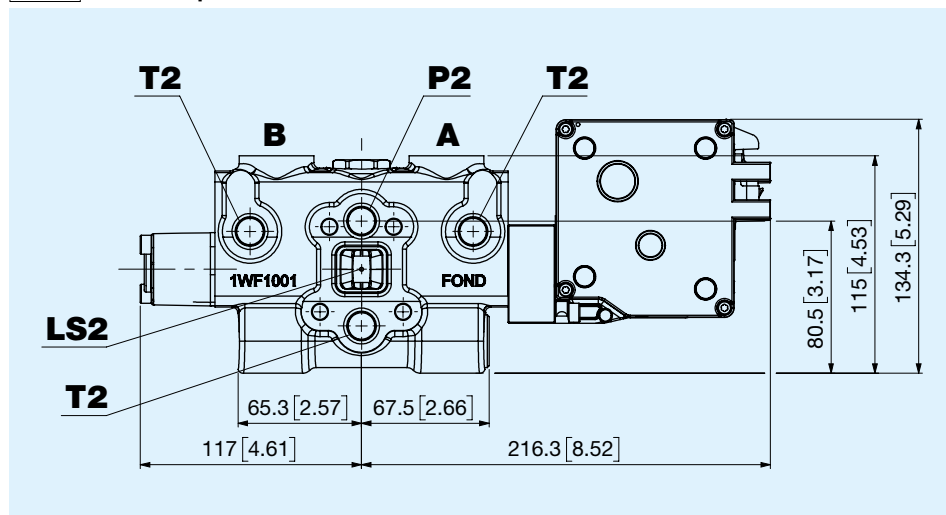
VC Válvula de anticavitação conexão A



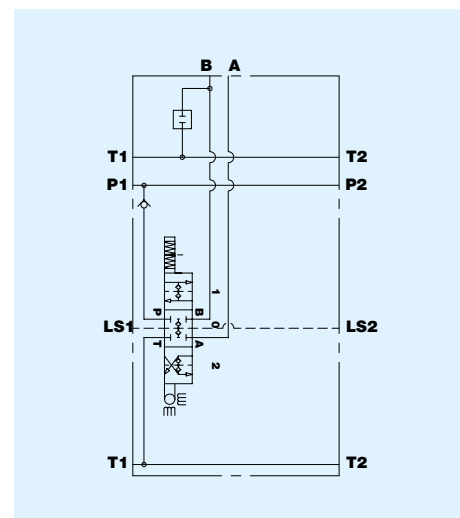
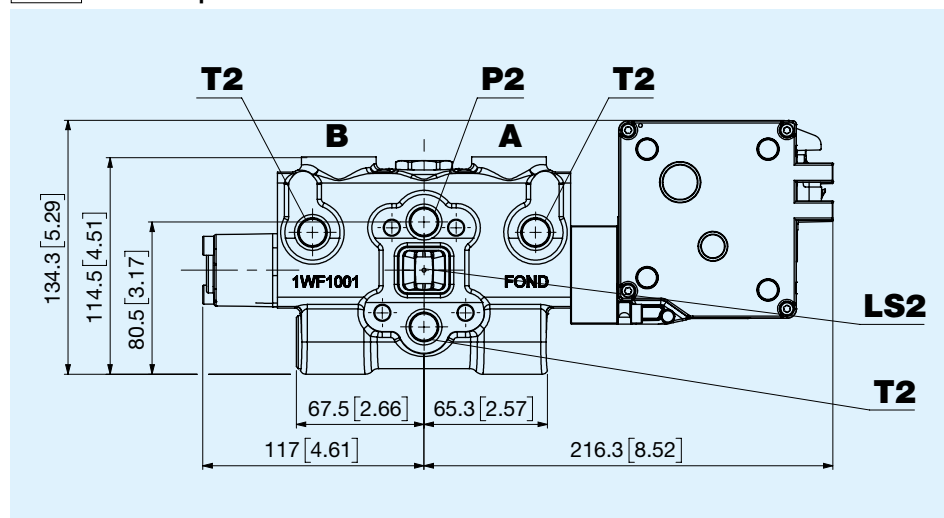
VC Válvula de anticavitação conexão B



TP Predisposta conectada conexão A



TP Predisposta conectada conexão B



Possíveis combinações da válvula da conexão A e B

Conexão A	Conexão B			
	NN	TP	RC	VC
NN	•	•	•	•
TP	•	•	•	•
RC	•	•	•	•
VC	•	•	•	•

NN - Nessuna

TP - Predisposta tappata

RC - Valvola limitatrice di pressione e di anticavitazione

VC - Valvola di anticavitazione

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BW1455AS																	

1	Configurações																	
	E Acionamento do lado da conexão A																	
2	3	4	Circuitos															
	001 Circuito					003 Circuito					070 Circuito							
5	6	Vazão DP = 18 bar																
	0A 120 l/min - 31,7 US gpm																	
7	Rosqueamento das conexões A e B																	
	B 1/2" GÁS ISO 1179				N M22x1,5 ISO 9974				5 M27x2 ISO 9974				R 7/8" - 14 SAE ISO 11926					
	F 3/4" GÁS ISO 1179				J M22x1,5 ISO 6149				U M27x2 ISO 6149				V 1" 1/16 - 12 SAE ISO 11926					
8	9	Tipo de válvula da conexão A																
	NN Nenhuma				RC Válvula limitadora de pressão e de anticavitação				VC Válvula de anticavitação				TP Predisposta conectada					
10	11	Pressão de calibração RC conexão A																
	NN Nenhuma				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				26 260 bar					
	09 90 bar				15 150 bar				21 210 bar				27 270 bar					
	10 100 bar				16 160 bar				22 220 bar				28 280 bar					
12	13	Tipo de válvula da conexão B																
	NN Nenhuma				RC Válvula limitadora de pressão e de anticavitação				VC Válvula de anticavitação				TP Predisposta conectada					
14	15	Pressão de calibração RC conexão B																
	NN Nenhuma				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				26 260 bar					
	09 90 bar				15 150 bar				21 210 bar				27 270 bar					
	10 100 bar				16 160 bar				22 220 bar				28 280 bar					
16	Tensão e conector																	
	A 12V DEPLHI METRI PACK 150.2																	
17	Tratamento externo																	
	N Nenhum				Z Galvanização													