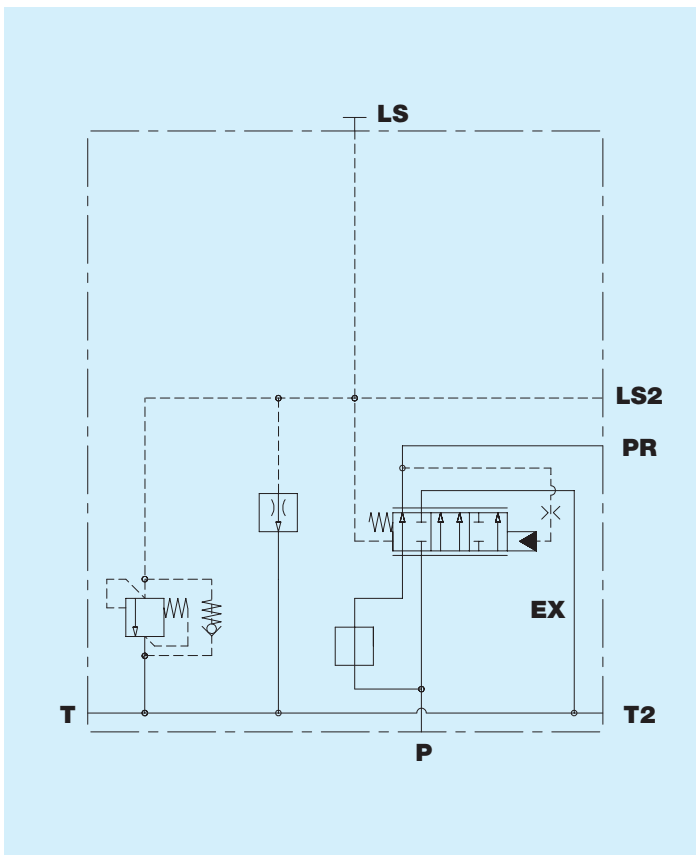


TE10P Corpo de entrada L.S. com prioritário
Interfaces IBW1022 - IBW1033 - IBW0500 - IBW0511
- Conexão T - TE10C

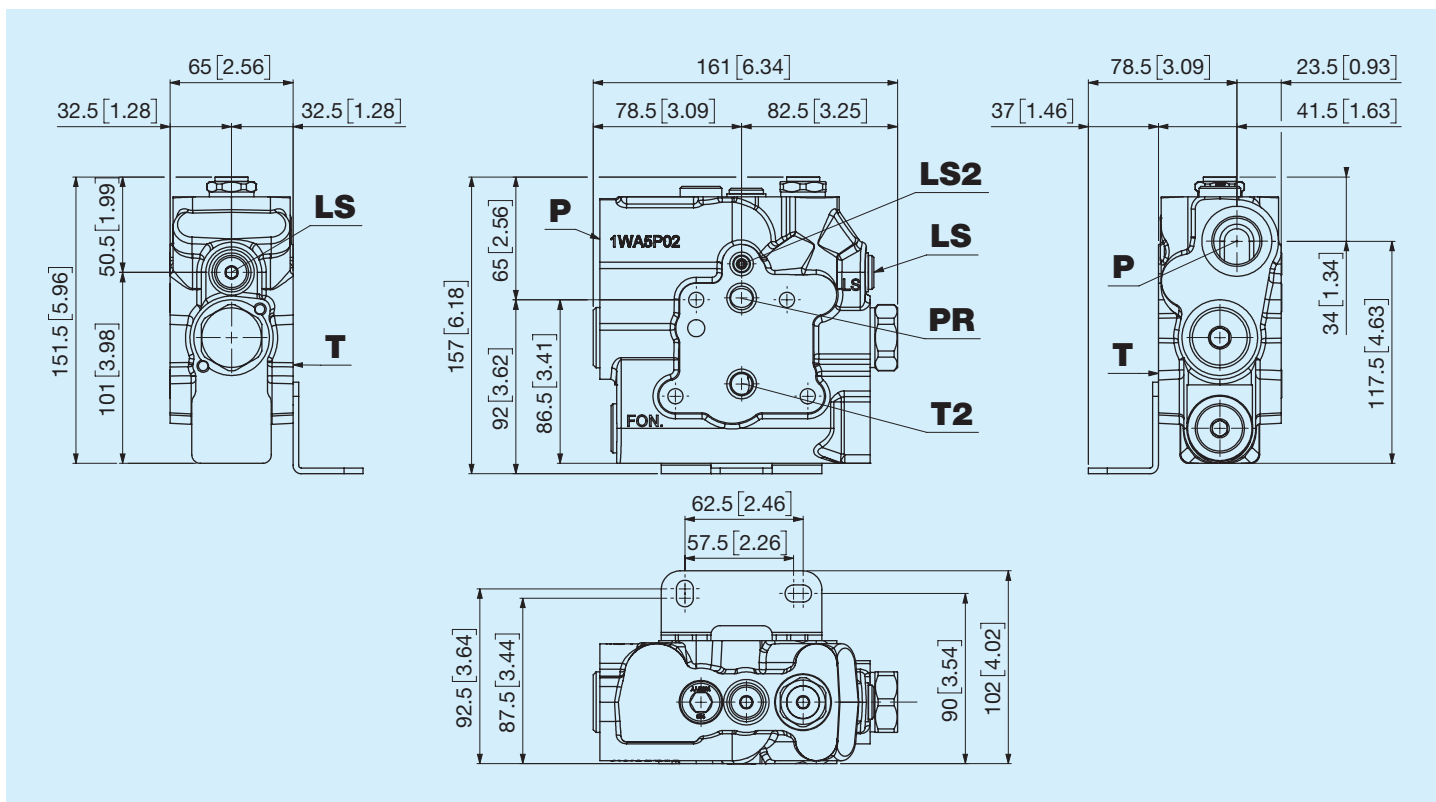


Antes de iniciar o uso, leia atentamente o documento INSTRUÇÕES GERAIS DE USO PARA AS VÁLVULAS DE CONTROLE DIRECIONAL

Vazão nominal	120 l/min 31,7 US gpm
Vazão nominal regulada	80 l/min 21,1 US gpm
Pressão nominal	250 bar 3625 psi
Contrapressão máxima para a descarga	50 bar 725 psi
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	7 kg 15,43 lb
Interface	IBW1022 - IBW1033 - IBW0500 - IBW0511 - Conexão T - TE10C



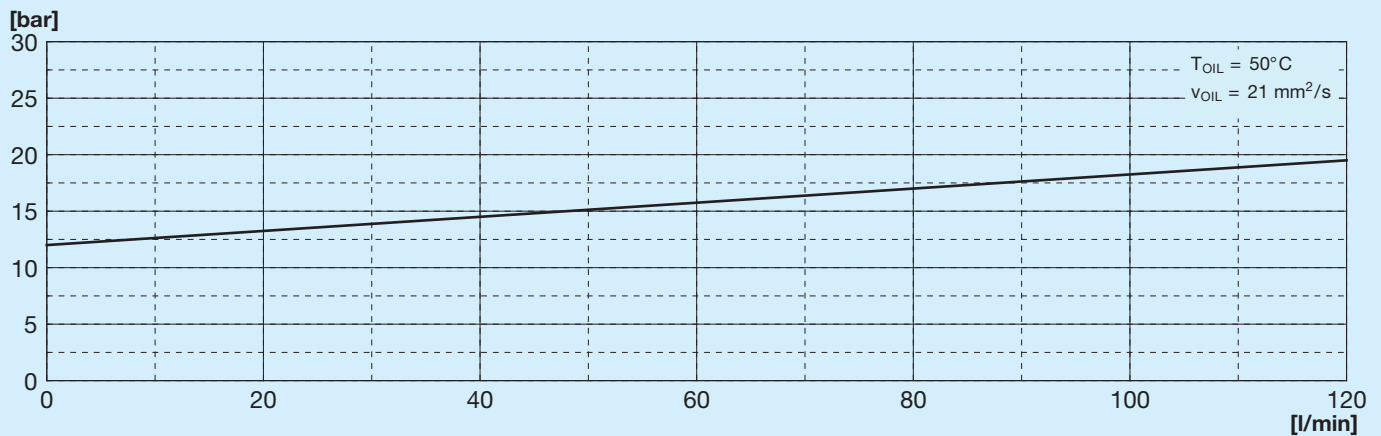
Dimensões de volume



PR = Prioritário

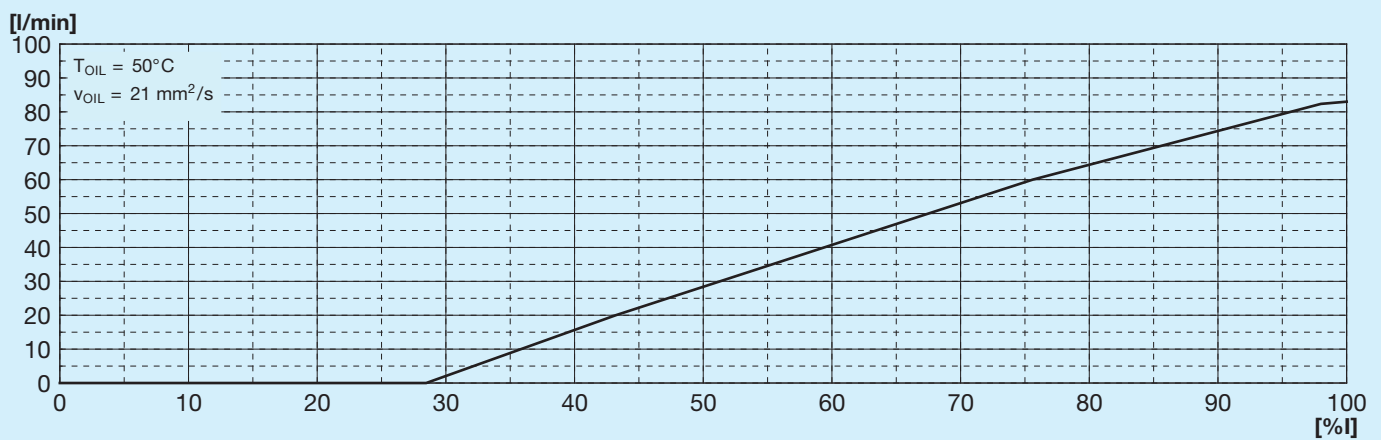
EX = Excedente

Perdas de carga P - T



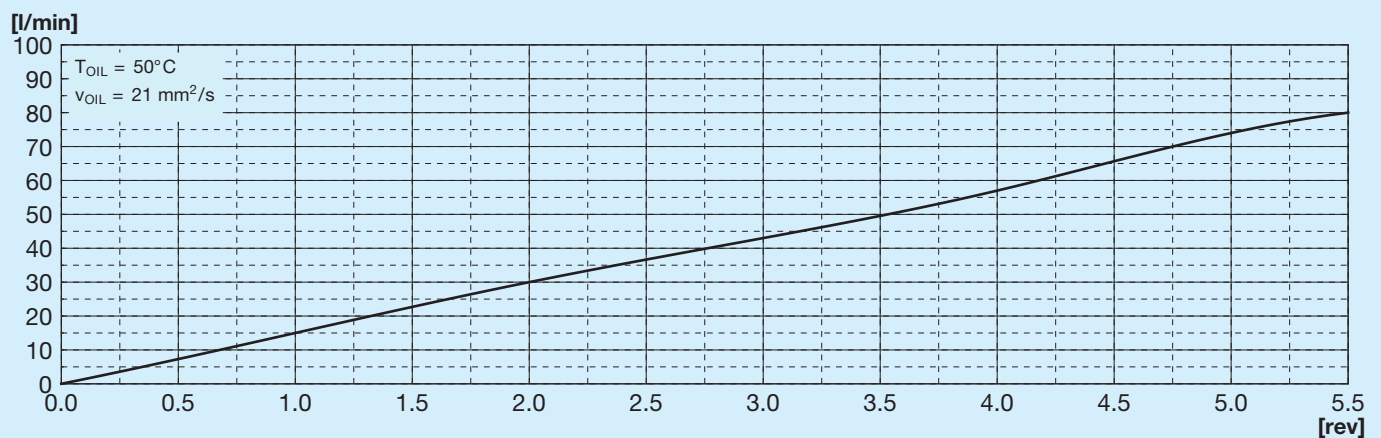
Parâmetros de teste com mola padrão

Acionamento Eletro-proporcional

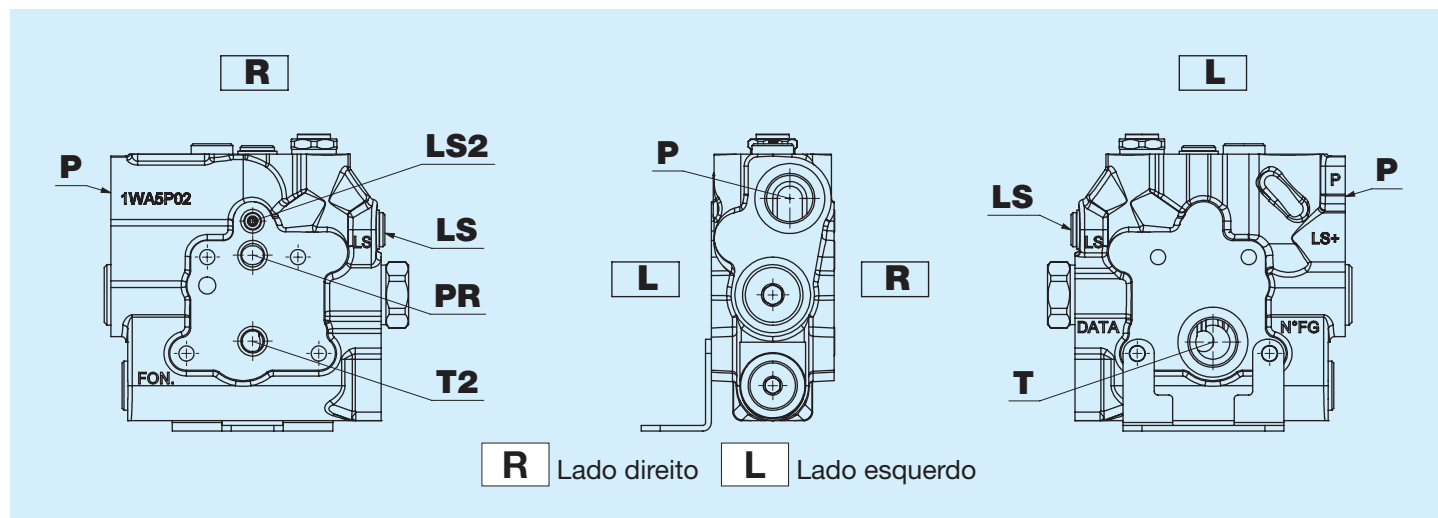


PWM = 100 Hz I Máx=2300 mA 12V ($\pm 100 \text{ mA}$) I Máx=1200 mA 24V ($\pm 100 \text{ mA}$)

Regulação manual

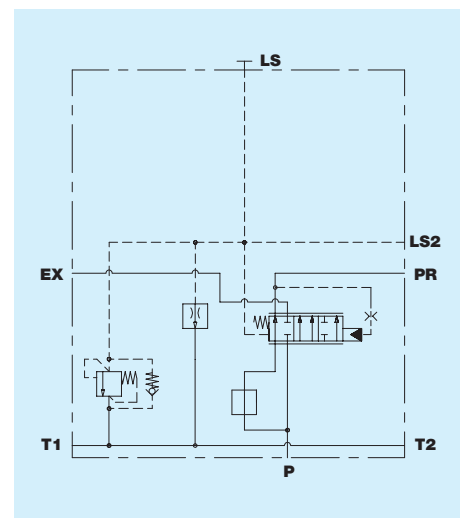
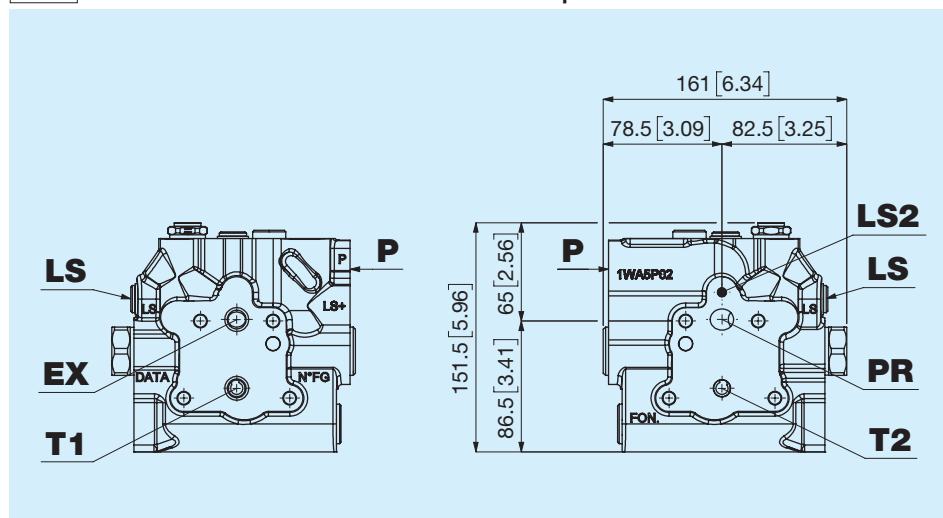


Definição de lado direito e esquerdo da cabeça

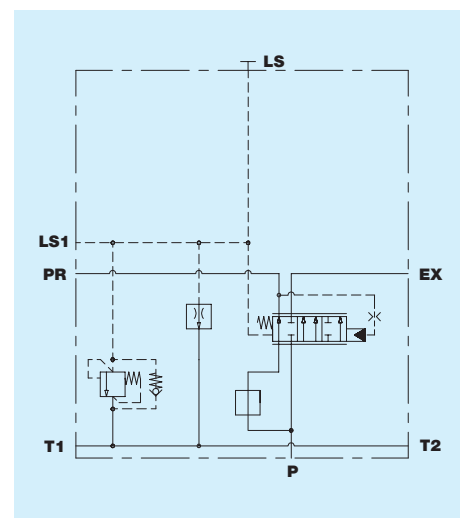
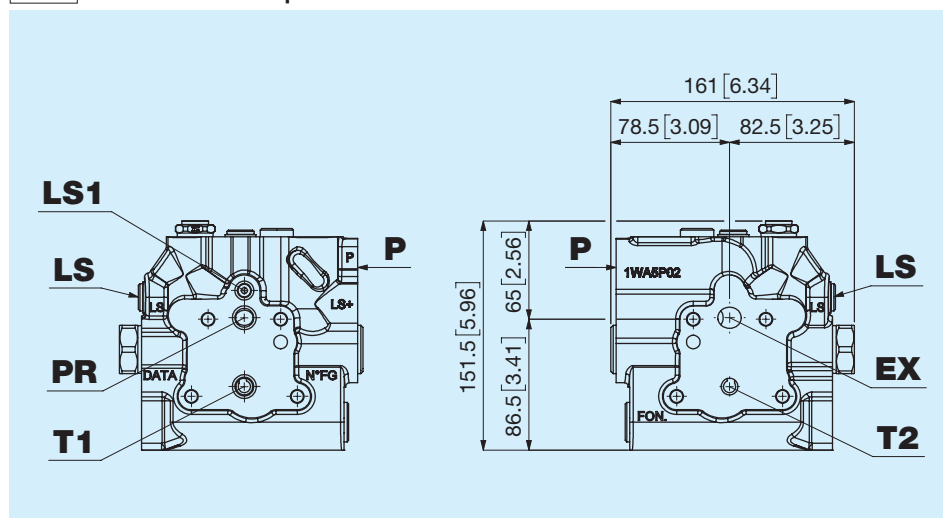


O lado direito e esquerdo da cabeça, como mostrado no desenho, são definidos em relação à posição da conexão P.

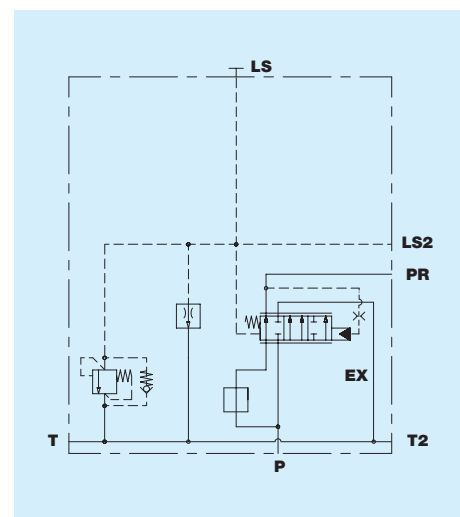
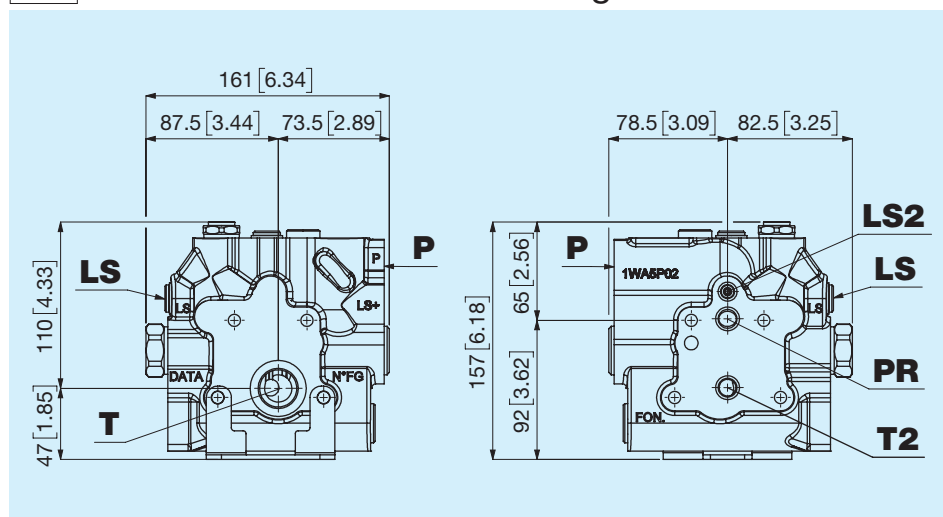
A PR lado direito - EX lado esquerdo



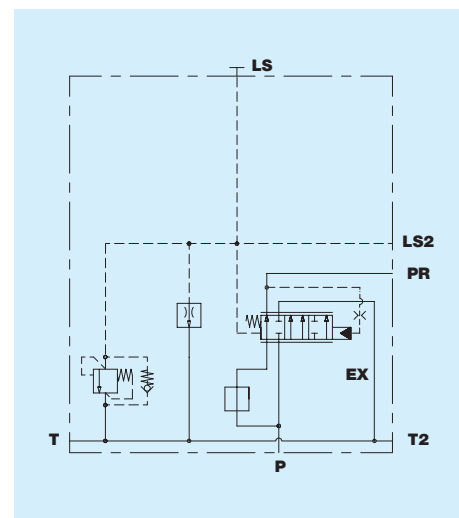
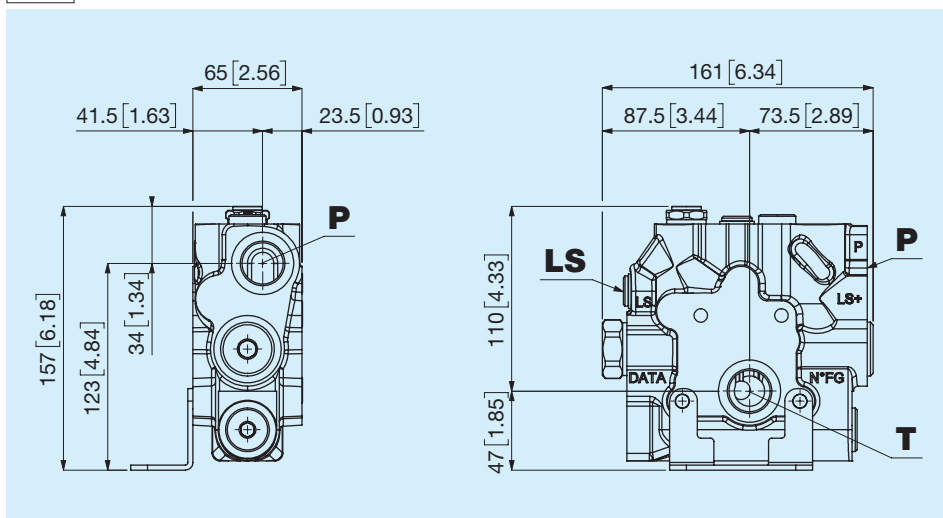
B PR lado esquerdo - EX lado direito



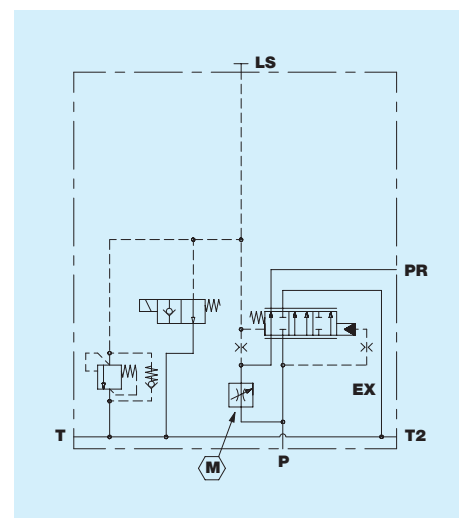
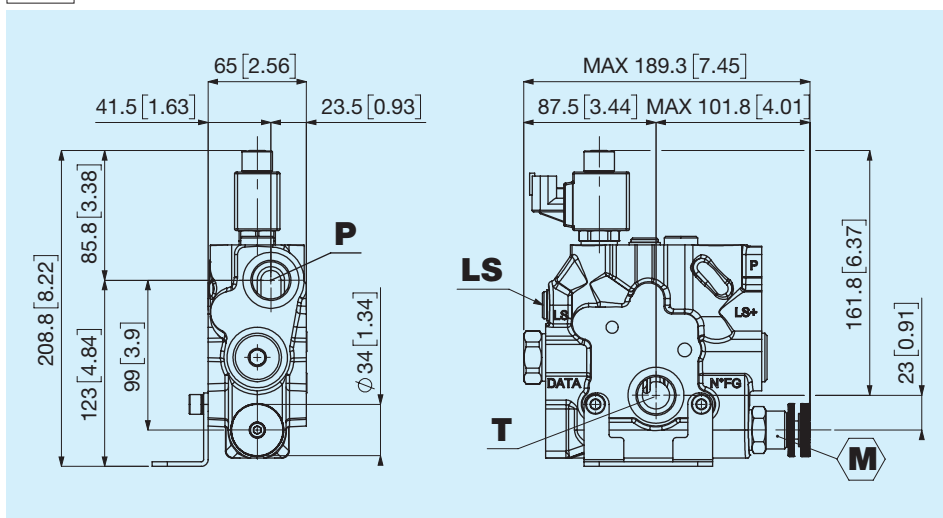
C PR lado direito - EX de descarga



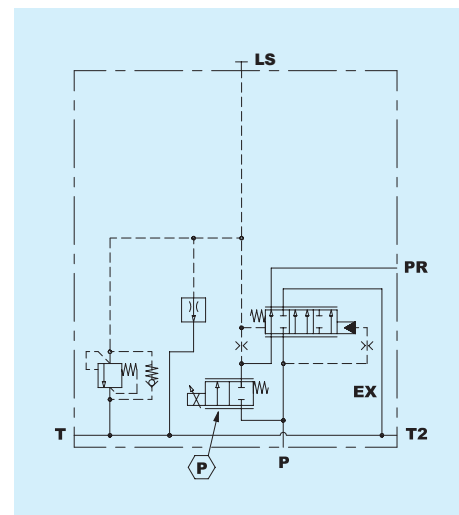
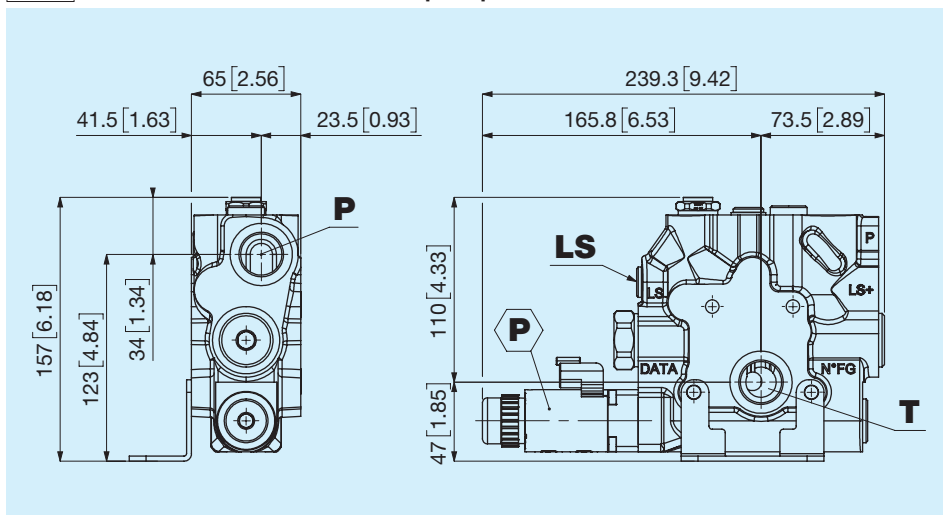
N Nenhum acionamento



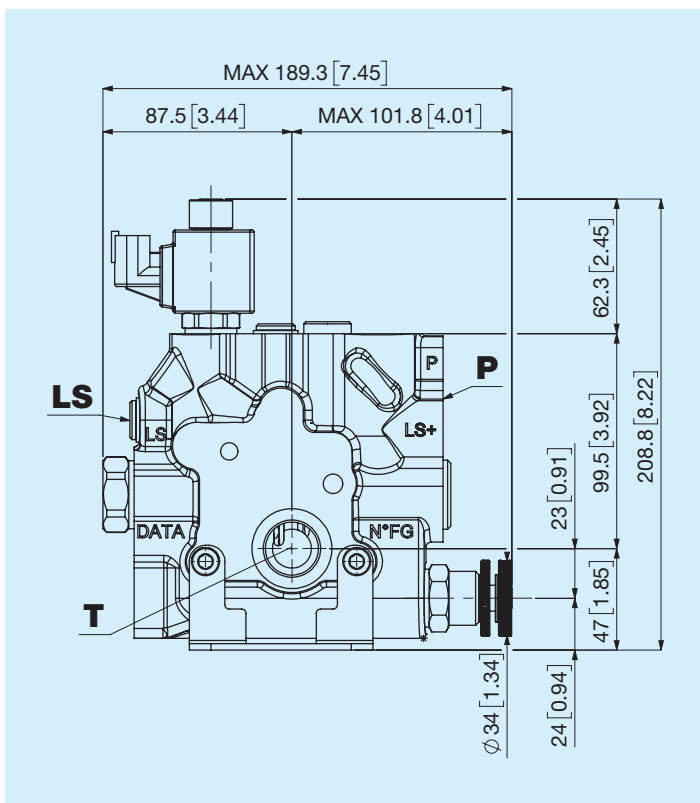
M Acionamento manual



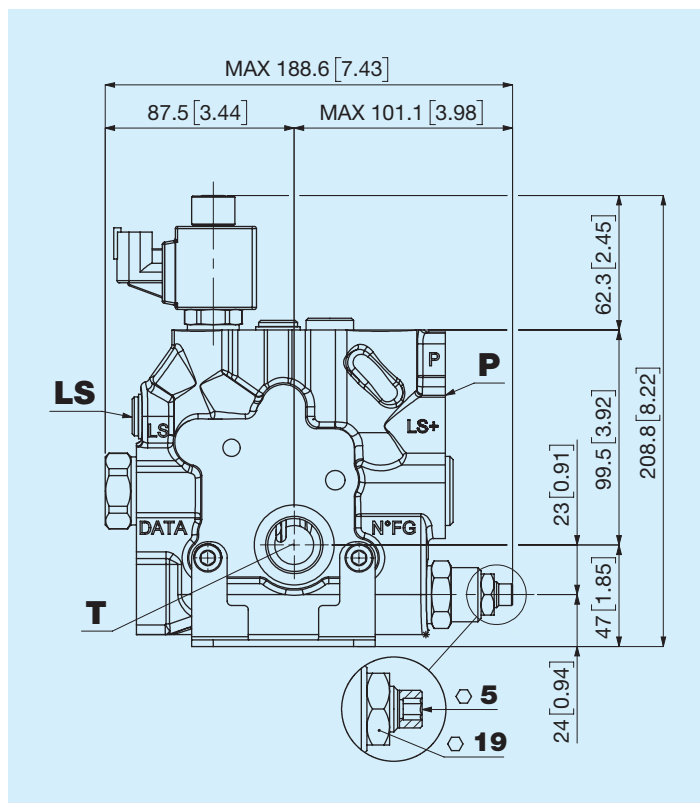
P Acionamento eletro-proporcional



V Com volante

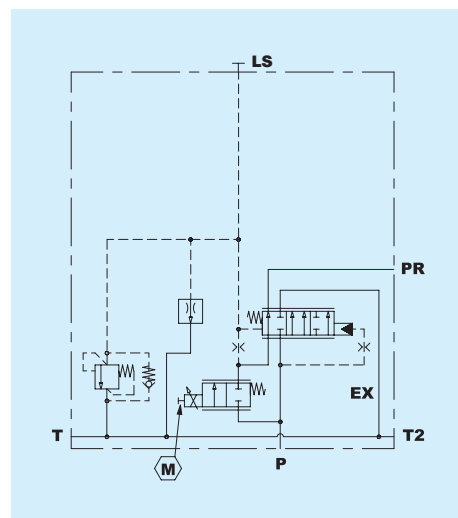
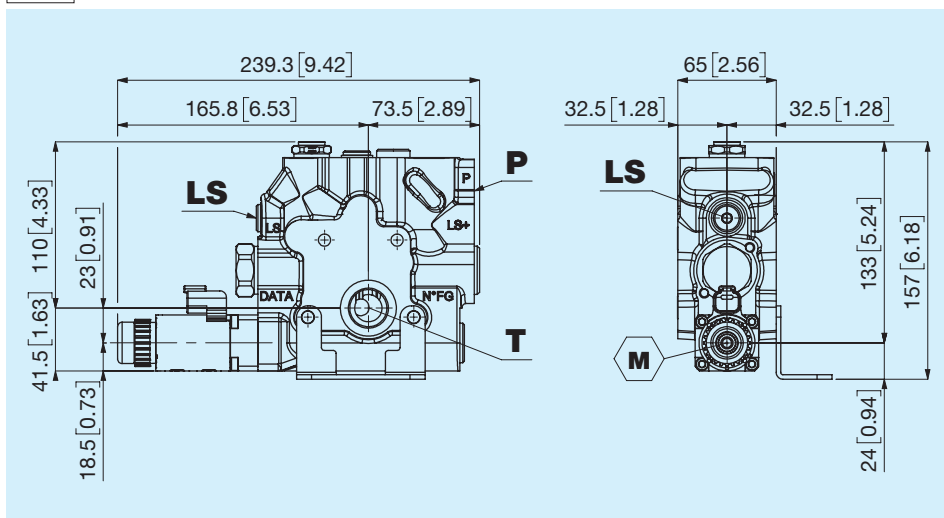


M De parafuso com chave hexagonal



TE10P Emergência acionamento eletro-proporcional

M Manual com retorno livre

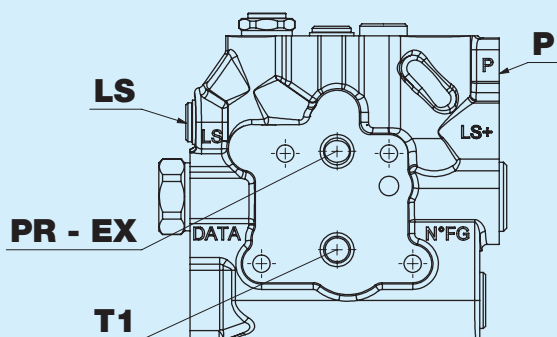


M = Emergência em impulso com retorno livre

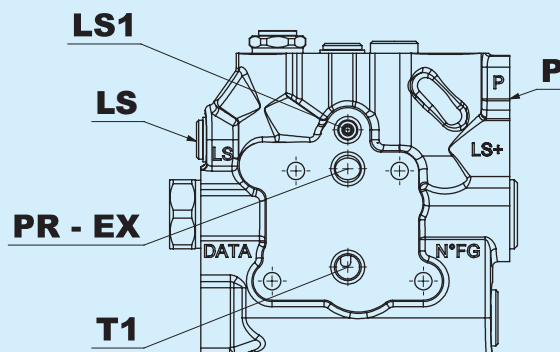
Características elétricas da bobina de acionamento eletro-proporcional

Tensão	12	24	V (± 10%)
Resistência a 20°C	3,67	16,7	Ω (± 5%)
Corrente máxima	2300	1200	mA (± 100)
PWM	100	100	Hz

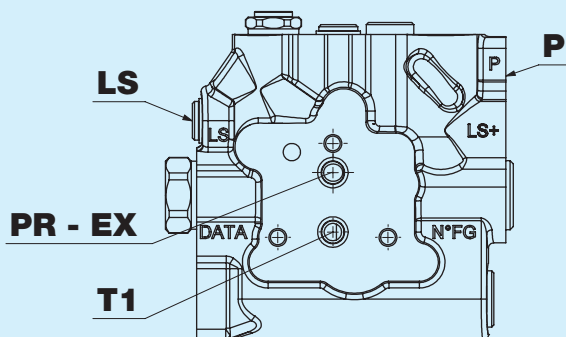
A IBW1022



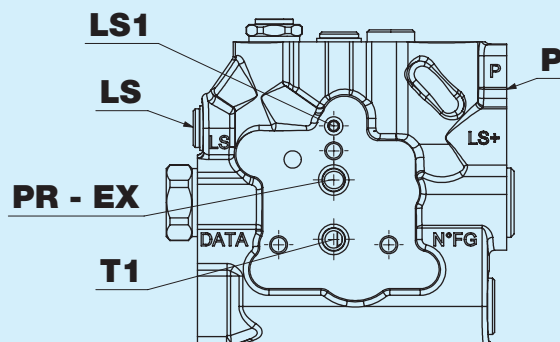
B IBW1033



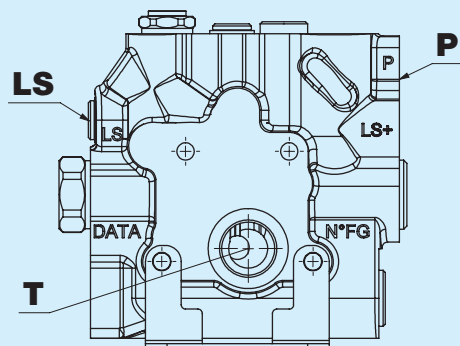
C IBW0500



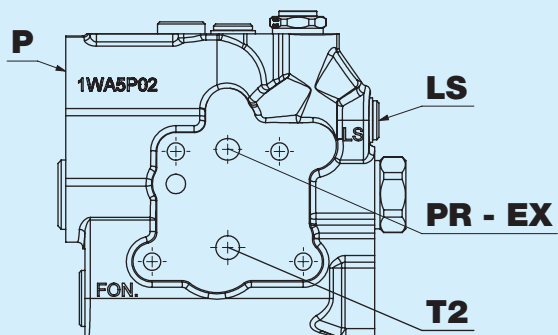
D IBW0511



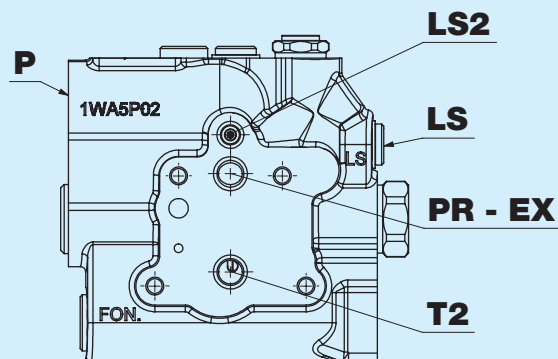
E Conexão T



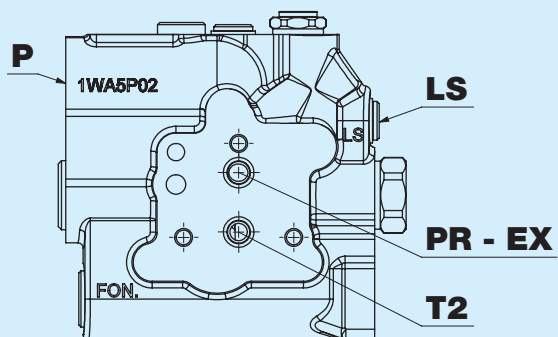
A IBW1022



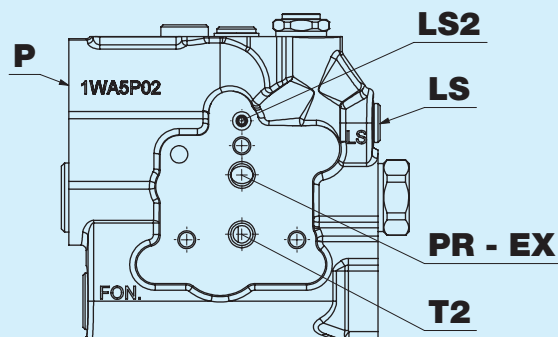
B IBW1033



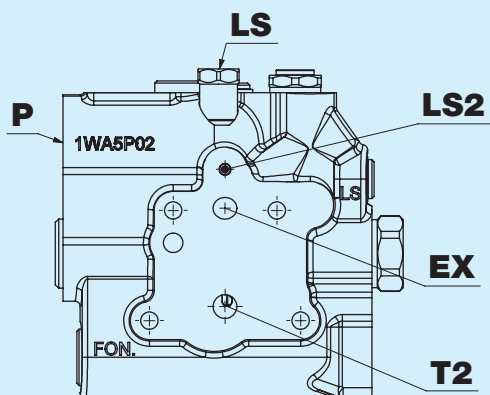
C IBW0500



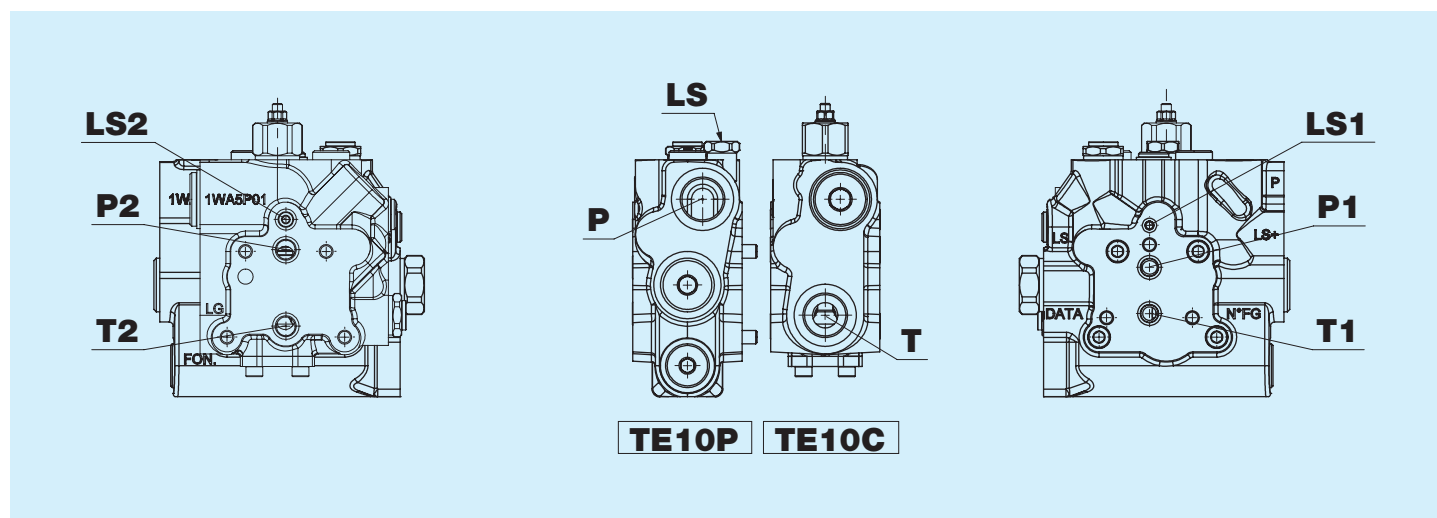
D IBW0511



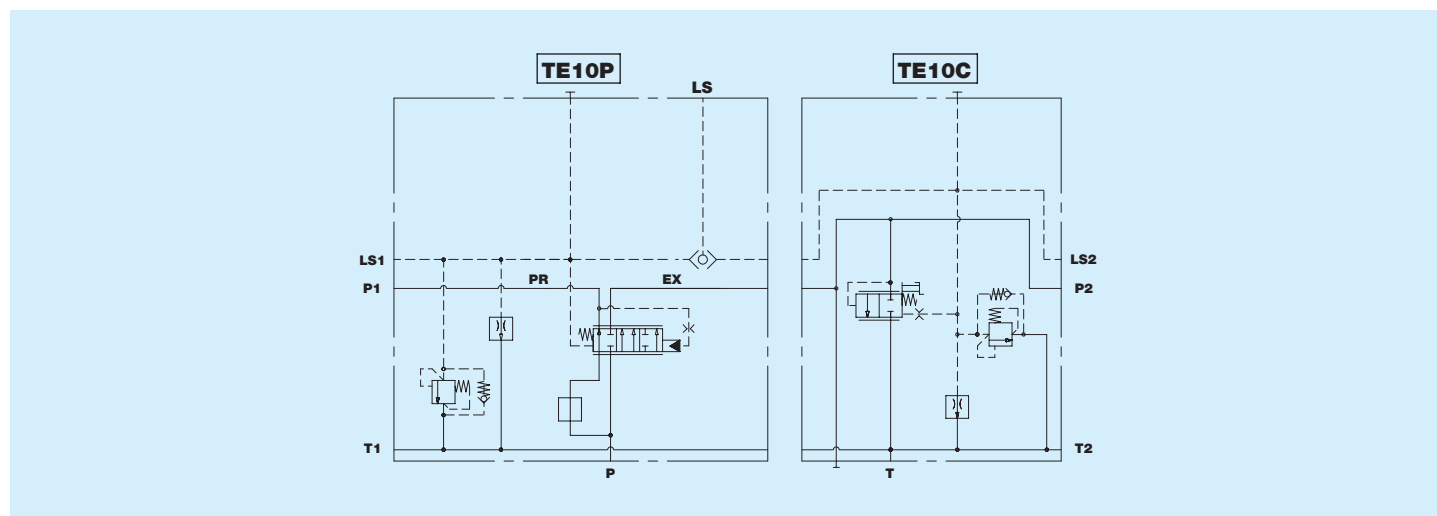
F TE10C



TE10P + TE10C

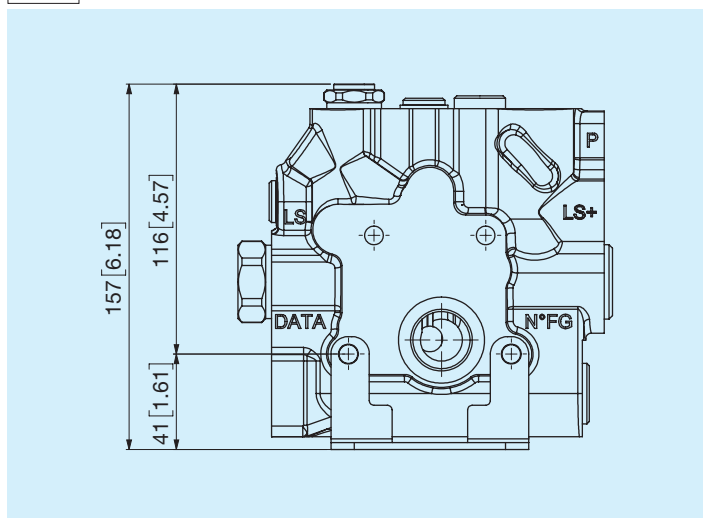


TE10P + TE10C - Esquema hidráulico

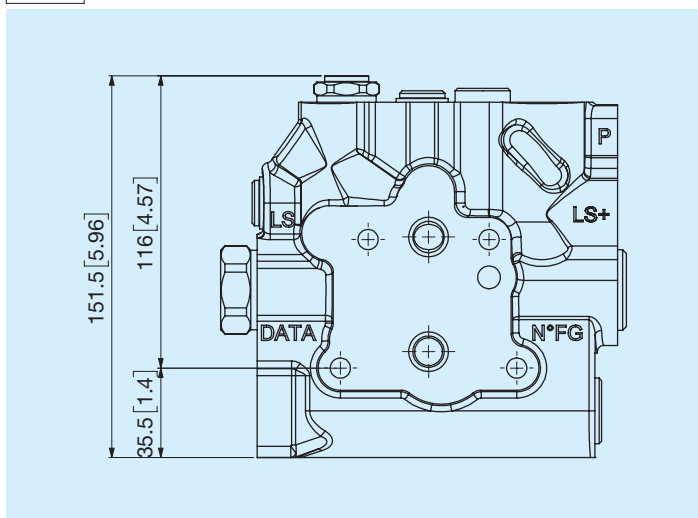


A opção com interface **F** torna possível combinar a cabeça TE10P prioritária com a cabeça TE10C compensada.

H3 Alta



NN Nenhuma



Rosqueamento da conexão P

Código	Tipo	Aperto ± 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

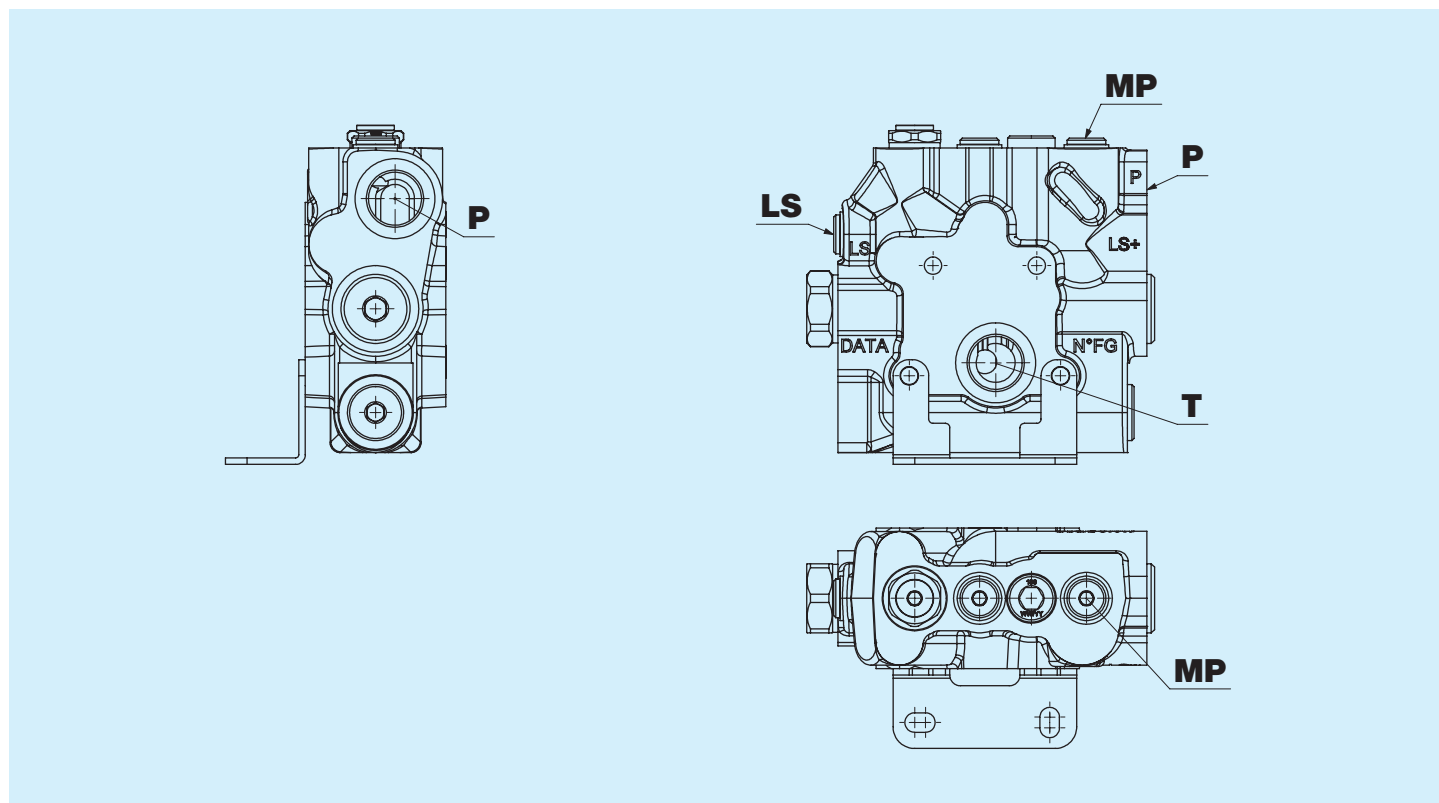
Rosqueamento da conexão T

Código	Tipo	Aperto ± 10% Nm
0	Nenhuma	
Com interface E		
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

Rosqueamento da conexão LS

Código	Tipo	Aperto ± 10% Nm
L	1/4" GÁS ISO 1179	27
3	M14x1,5 ISO 9974	27
K	M14x1,5 ISO 6149	27
P	9/16" - 18 SAE ISO 11926	27

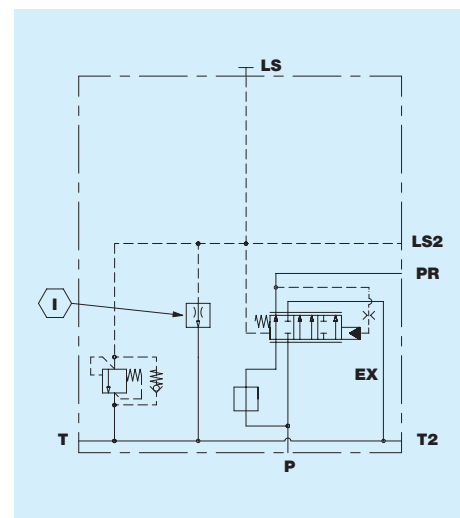
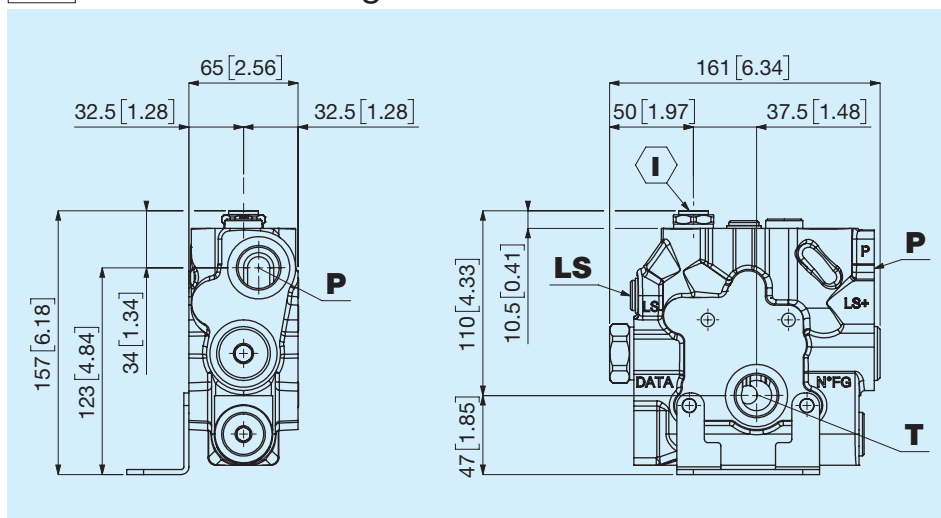
MP - Tomada manométrica



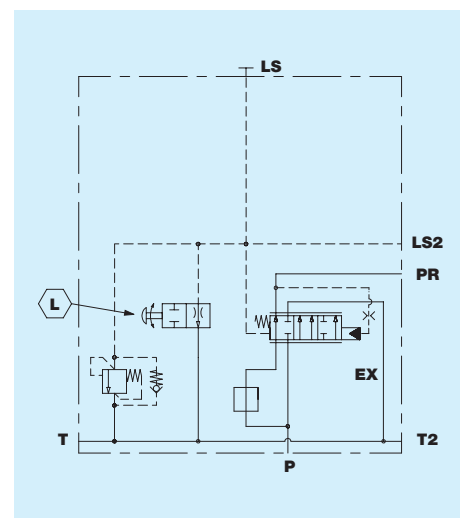
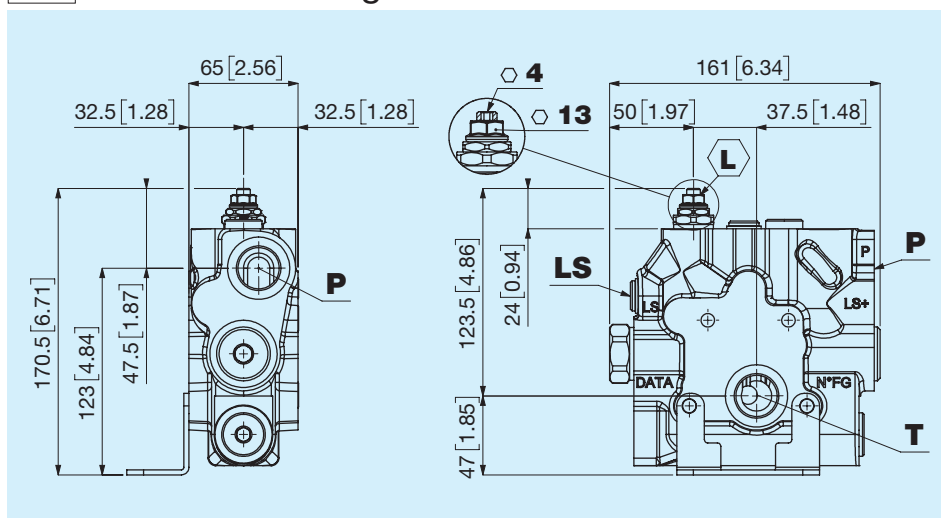
Rosqueamento da conexão MP

Código	Tipo	Aperto $\pm 10\%$ Nm
N	Nenhum trabalho	
L	1/4" GÁS ISO 1179	27
3	M14x1,5 ISO 9974	27
K	M14x1,5 ISO 6149	27
P	9/16" - 18 SAE ISO 11926	27

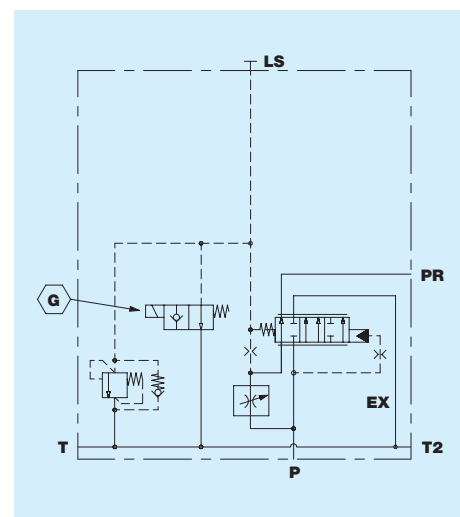
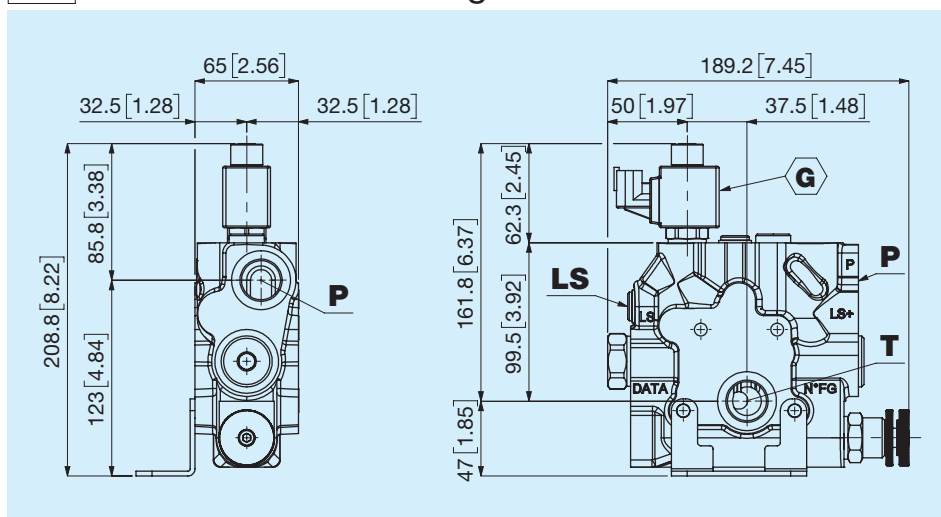
I Válvula de drenagem



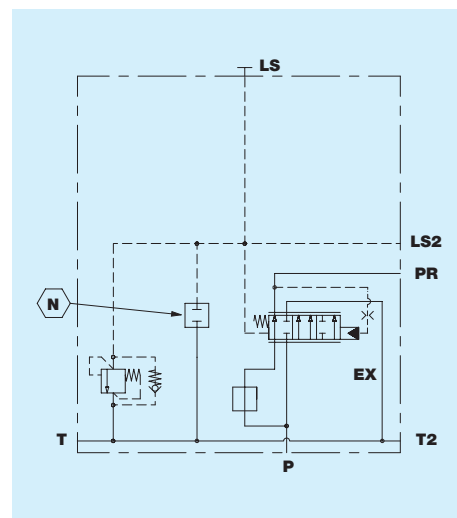
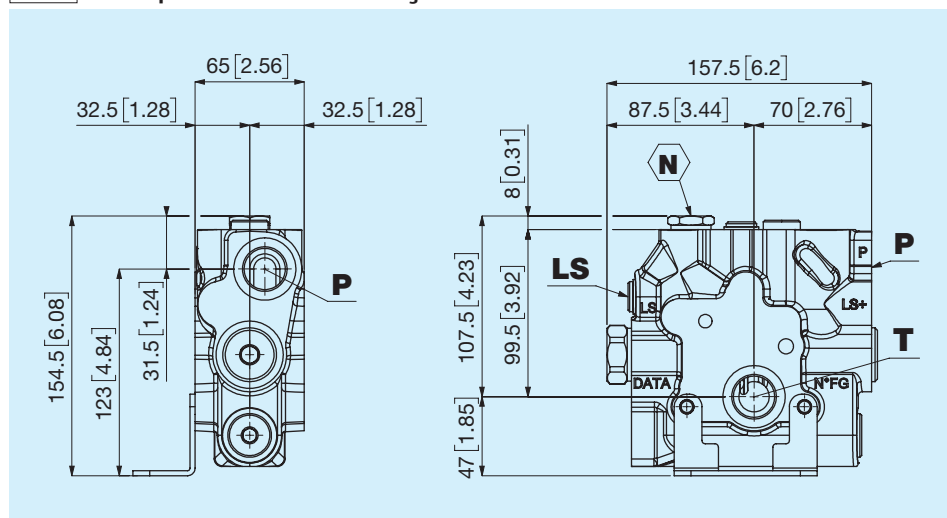
L Válvula de drenagem LIGA-DESLIGA



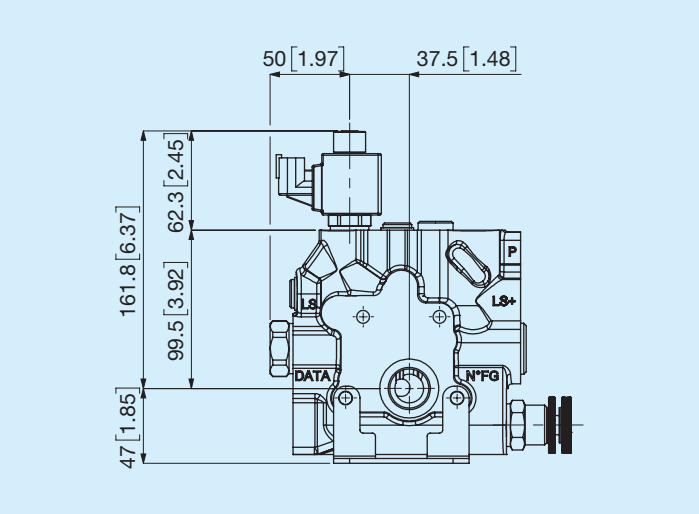
G Com válvula de descarga



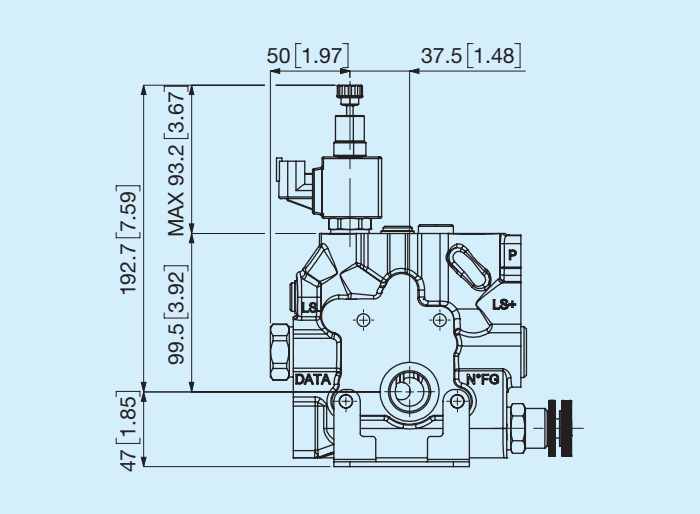
N Tampa de substituição



O Padrão terminal



S Parafuso de emergência



Características elétricas da bobina da válvula de descarga

Tensão	12	24	V (± 10%)
Resistência a 20°C	7,7	32	Ω (± 7%)
Corrente nominal	1,55	0,75	A
Potência	18,6	18	W

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15							
TE10P																						
1	Configurações																					
	A PR lado direito - EX lado esquerdo				B PR lado esquerdo - EX lado direito				C PR lado direito - EX de descarga													
2	Acionamentos																					
	N Nenhum acionamento				M Acionamento manual				P Acionamento eletro-proporcional													
3	Opções de acionamentos																					
	N Nenhum				B 24V 43650 DIN				H 24V DEUTSCH DT04-2P				M De parafuso com chave hexagonal									
	A 12V 43650 DIN				G 12V DEUTSCH DT04-2P				V Com volante													
4	Tipo de emergência de acionamentos																					
	N Nenhuma				M Emergência manual com retorno livre																	
5	Interface do lado esquerdo																					
	A IBW1022				C IBW0500				E Conexão T													
	B IBW1033				D IBW0511																	
6	Interface do lado direito																					
	A IBW1022				C IBW0500				F TE10C													
	B IBW1033				D IBW0511																	
7 8	Altura da haste																					
	NN Nenhuma				H3 Alta																	
9	Tipo de rosca																					
	F Fêmea																					
10	Rosqueamento da conexão P																					
	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						
11	Rosqueamento da conexão T																					
	O Nenhuma				N M22x1,5 ISO 9974				U M27x2 ISO 6149													
	B 1/2" GÁS ISO 1179				J M22x1,5 ISO 6149											R 7/8" - 14 SAE ISO 11926						
	F 3/4" GÁS ISO 1179				5 M27x2 ISO 9974																	
12	Rosqueamento da conexão LS																					
	L 1/4" GÁS ISO 1179				3 M14x1,5 ISO 9974				K M14x1,5 ISO 6149				R 9/16" - 18 SAE ISO 11926									
13	Opções sobre a conexão LS																					
	A Aberta				B Com tampão																	

16

17

18 19

20

14

Filettatura bocca MP

N

Nenhuma

3

M14x1,5 ISO 9974

R

9/16" - 18 SAE ISO 11926

L

1/4" GÁS ISO 1179

K

M14x1,5 ISO 6149

15

Opções da conexão MP

N

Nenhuma

A

Aberta

B

Com tampão

16

Tipo de válvula de descarga linha LS

I

Válvula de drenagem

N

Tampa de substituição

B

24V DIN 43650

H

24V DEUTSCH DT04-2P

L

Válvula de drenagem LIGA-DESLIGA

A

12V DIN 43650

G

12V DEUTSCH DT04-2P

17

Tipo de válvula de emergência para descarga linha LS

N

Nenhuma

O

Padrão terminal

S

Parafuso de emergência

18 19

Tipo de válvula de máxima pressão

00

Tampa de substituição VMP

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

09

90 bar

15

150 bar

21

210 bar

20

Tratamento externo

N

Nenhum

Z

Galvanização