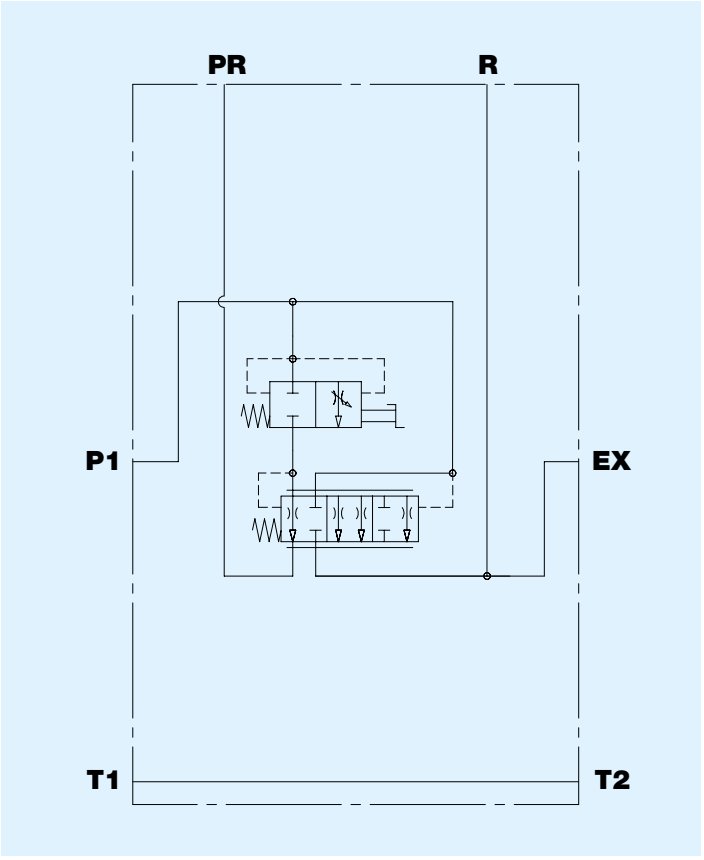
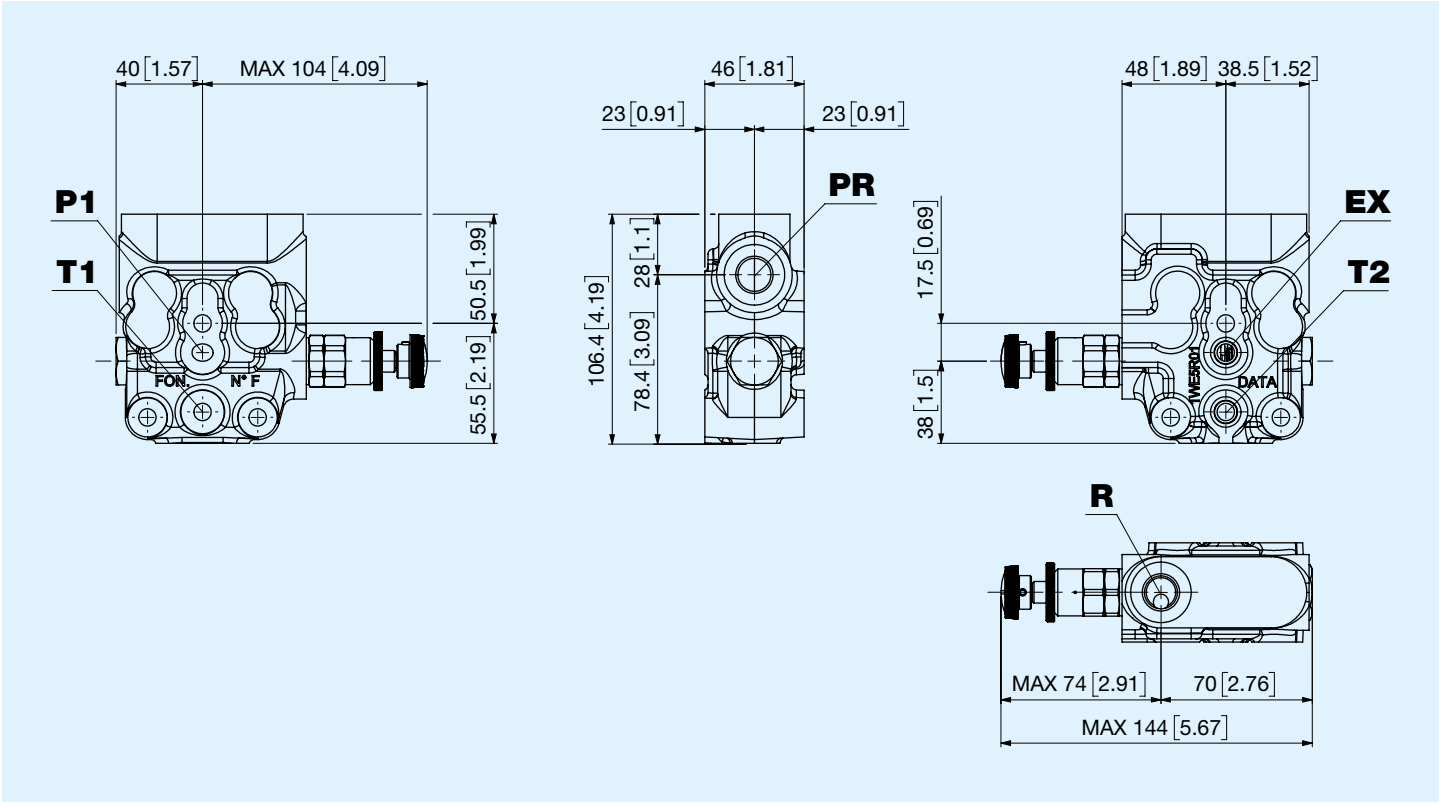
# RF0500EM Regulador de vazão compensado manual com recuperação
# Interface IBW0500

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

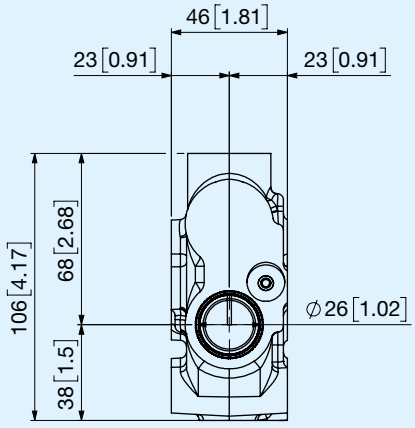
| | |
|---|---|
| Vazãonnominal | **50 l/min**<br>***13,2 US gpm*** |
| Pressão nominal | **250 bar**<br>***3625 psi*** |
| Contrapressão máxima para a descarga | **50 bar**<br>***725 psi*** |
| Vazão regulada | **40 l/min - 10,56 US gpm**<br>***20 l/min - 5,28 US gpm*** |
| Temperatura de uso | **-20°C +85°C NBR seals**<br>***(max peak +100°C)***<br>***-20°C + 130°C HNBR seals*** |
| Viscosidade do óleo de exercício | **de 15 mm²/s a 90 mm²/s**<br>***(15 cSt a 90 cSt)*** |
| Fluido | **Fluidos hidráulicos definidos pela norma ISO 6743-4** |
| Massa | **2,6 Kg**<br>***5,73 lb*** |
| Interface | **IBW0500** |

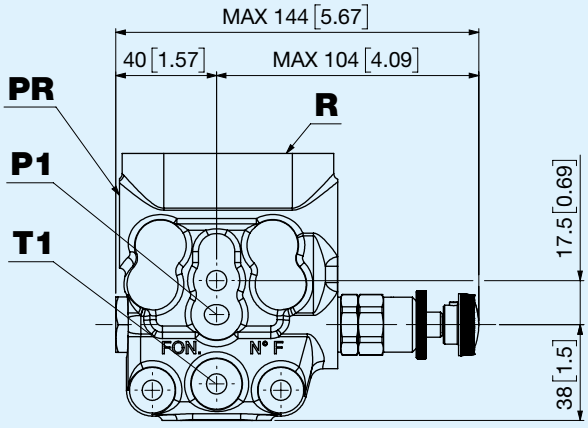



## Dimensões de volume

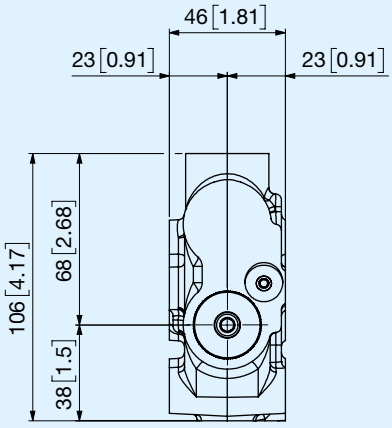


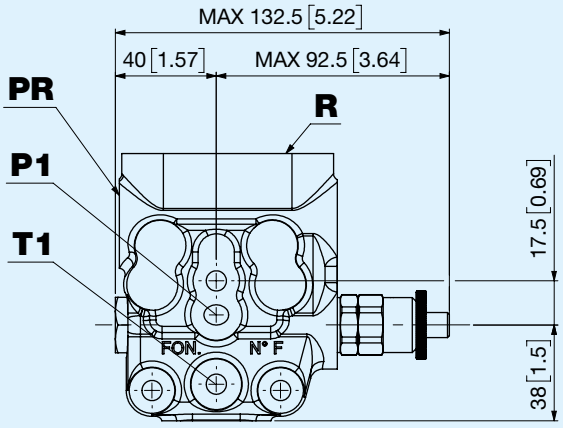
## V Com volante



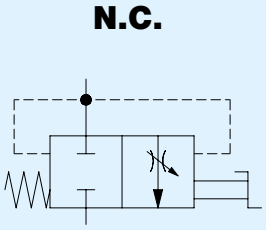

## M De parafuso com chave hexagonal



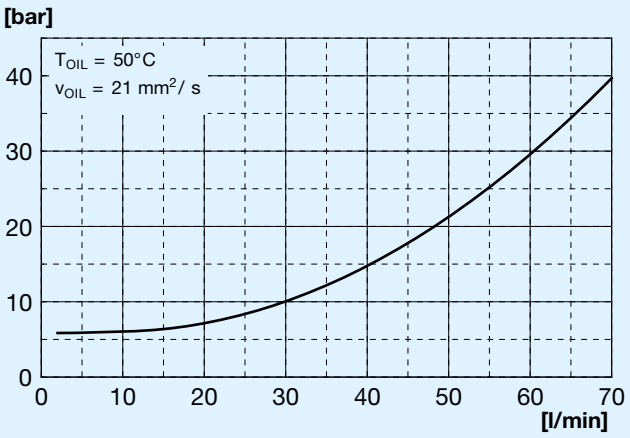



# Cursor N.C. - Normalmente fechado

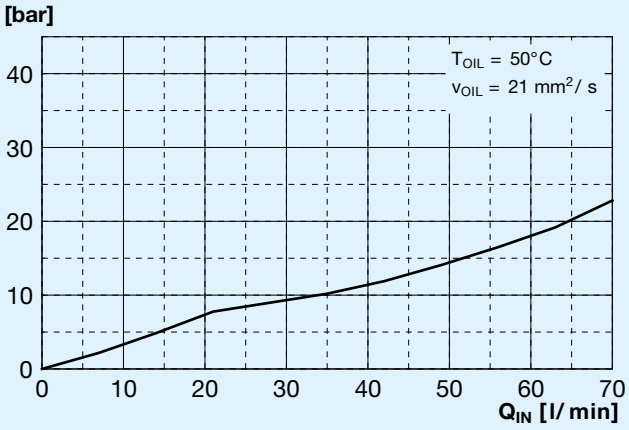
## Cursor 2 vias prioritário N.C.



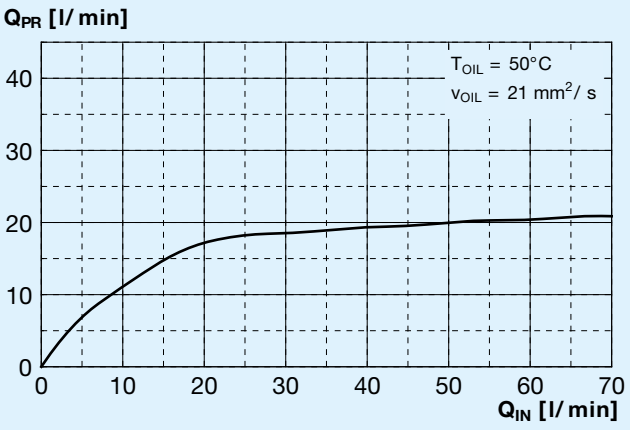

## ΔP P - EX



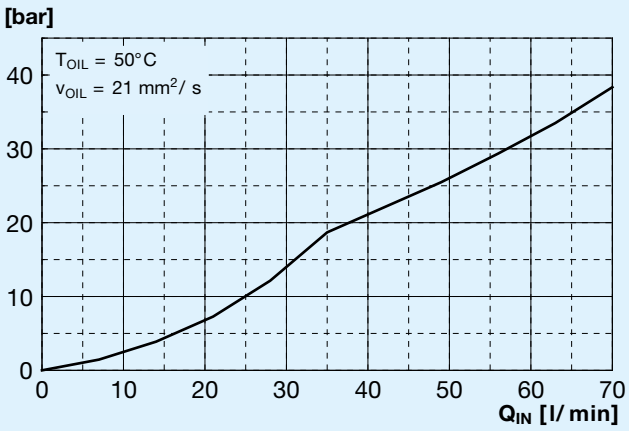

## ΔP P - PR cursor 0-20 l/min



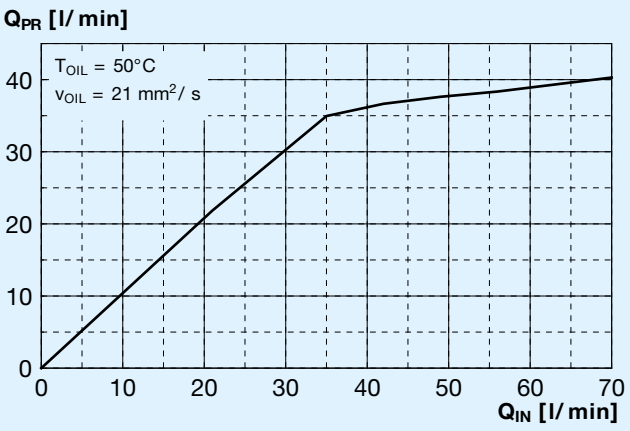

## Vazão P - PR cursor 0-20 l/min



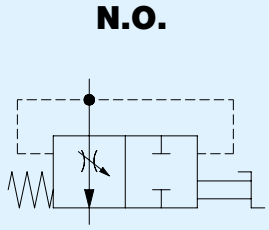

## ΔP P - PR cursor 0-40 l/min



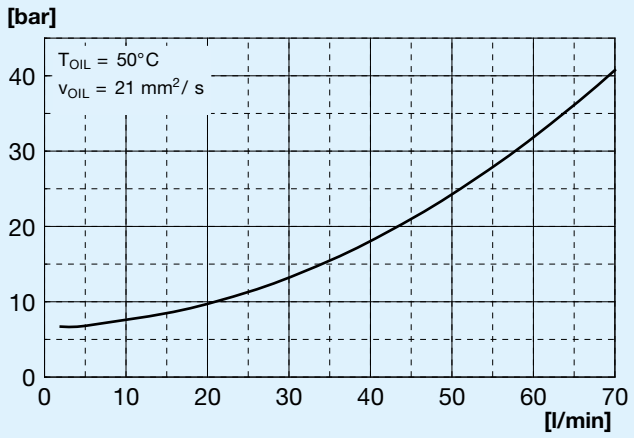

## Vazão P - PR cursor 0-40 l/min



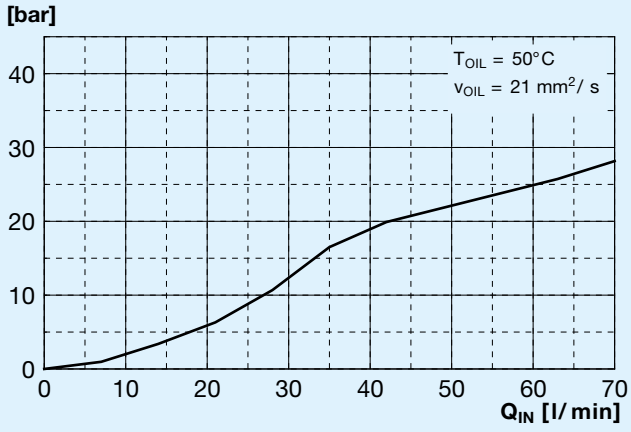
## Cursor 2 vias prioritário N.O.



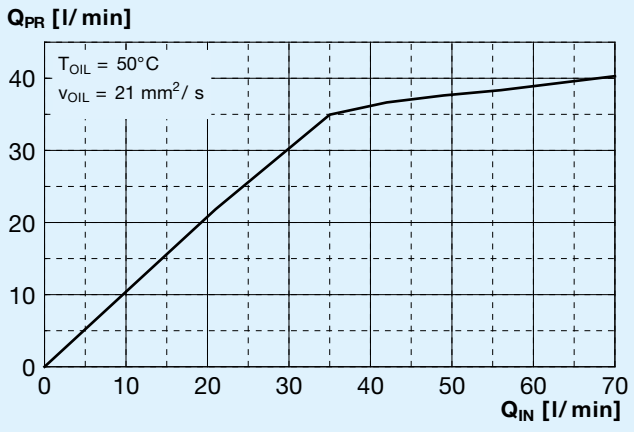

## ΔP P - EX




## ΔP P - PR cursor 40-0 l/min



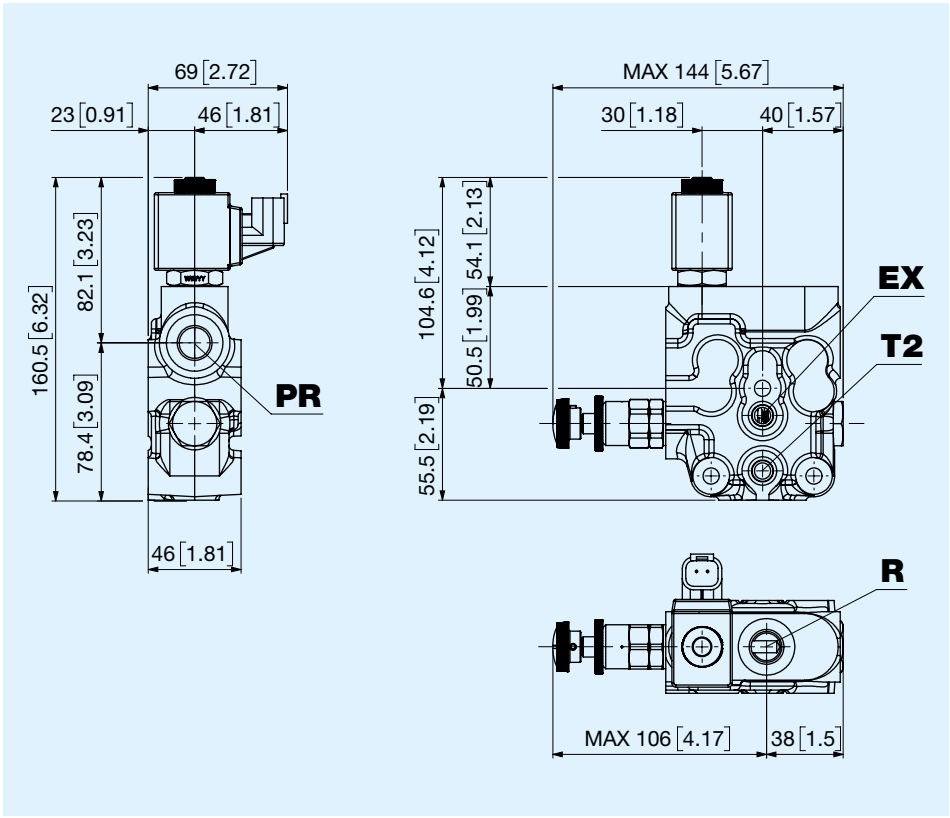

## Vazão P - PR Cursor 40-0 l/min

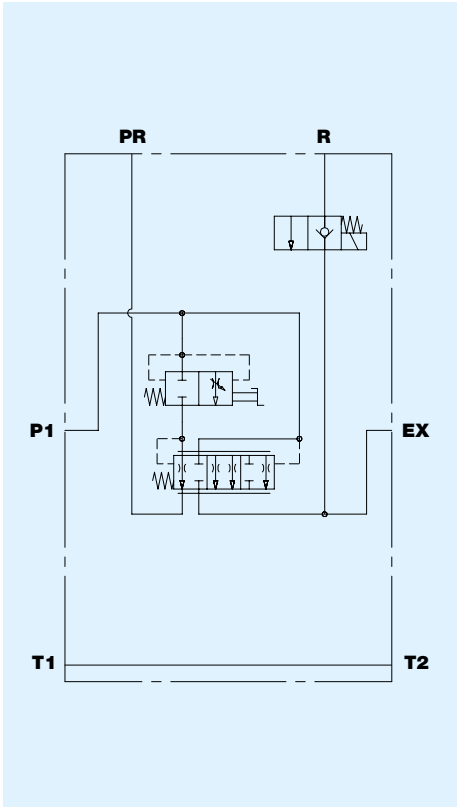


## Rosqueamento conexões PR - R

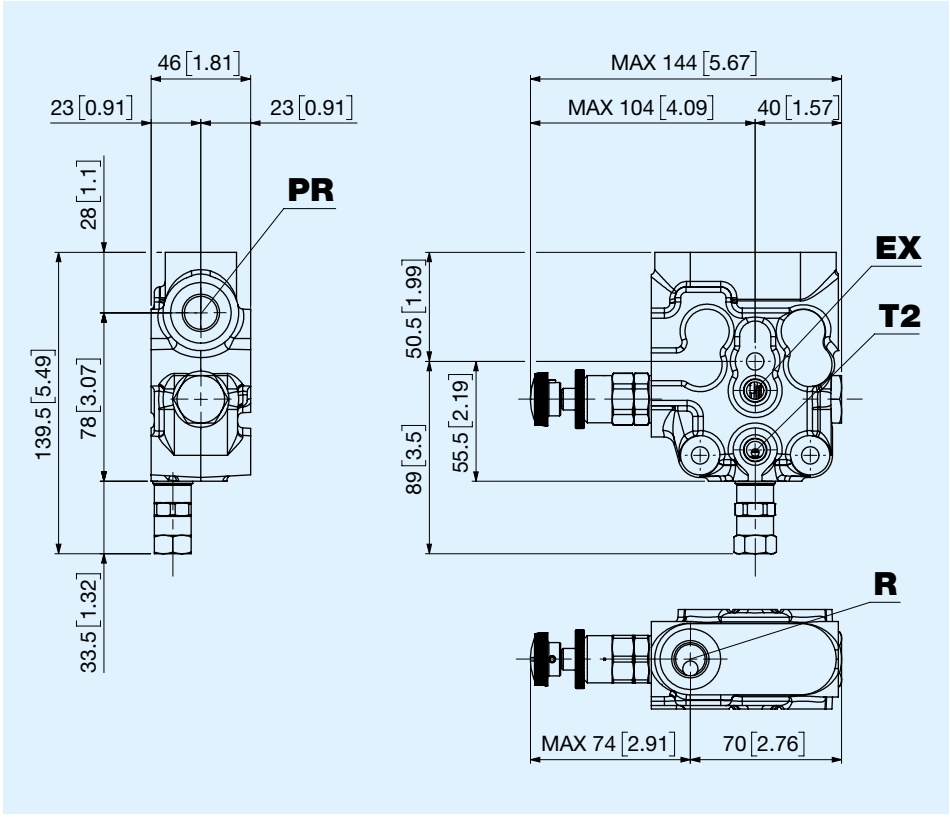
| Código | Tipo | Aberto ± 10% Nm |
|---|---|---|
| A | 3/8'' GÁS ISO 1179 | 45 |
| C | M18x1,5 ISO 9974 | 45 |
| W | M18x1,5 ISO 6149 | 45 |
| E | 3/4'' 16 SAE ISO 11926 | 45 |

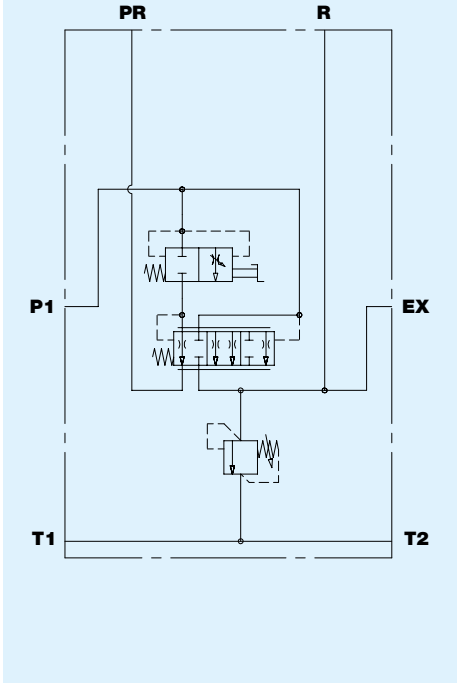
## A NE Eletroválvula 2/2



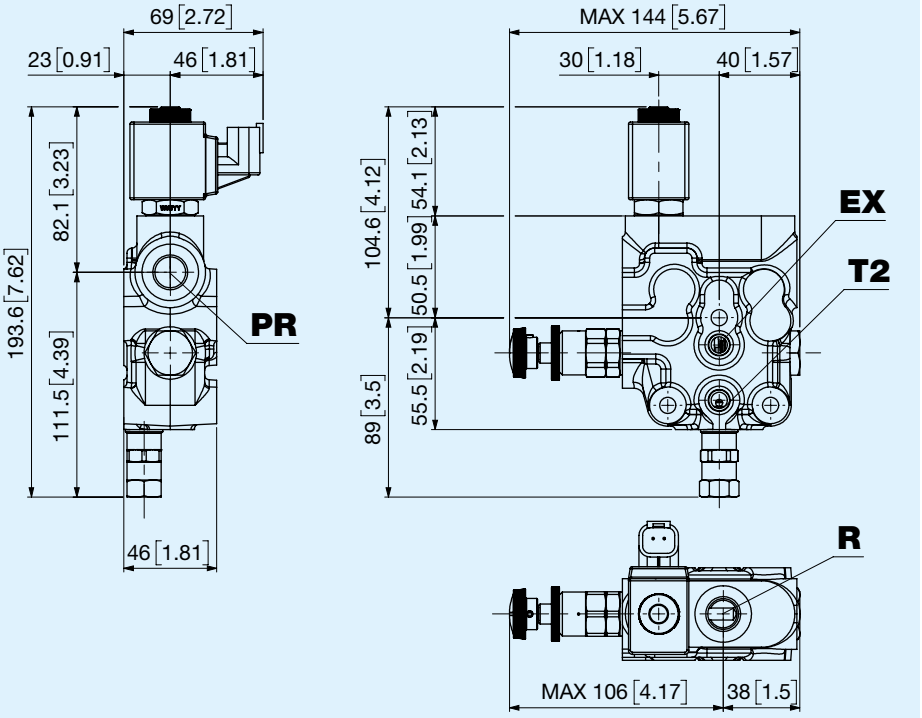



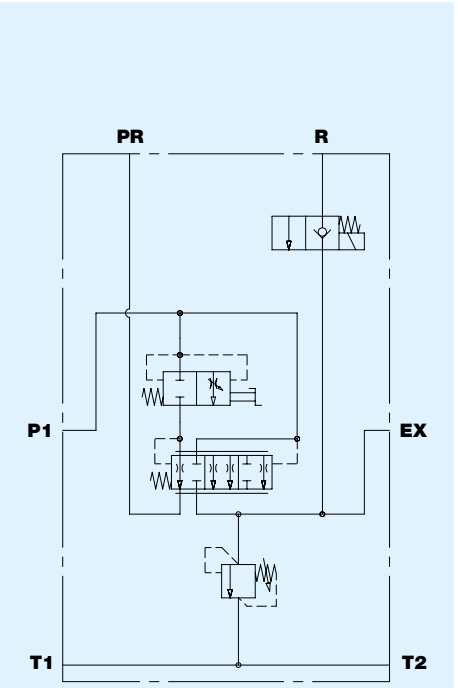

## B VL Válvula limitadora de pressão



## C NE + VL


69 [2.72]
23 [0.91]
46 [1.81]
82.1 [3.23]
193.6 [7.62]
111.5 [4.39]
PR
46 [1.81]
MAX 144 [5.67]
30 [1.18]
40 [1.57]
104.6 [4.12]
54.1 [2.13]
50.5 [1.99]
55.5 [2.19]
89 [3.5]
EX
T2
R
MAX 106 [4.17]
38 [1.5]


PR
R
P1
EX
T1
T2

# Composição do código

| RF0500EM | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| RF0500EM | | | | | | | | | |

1

## Opções acionamento

| | | | |
|---|---|---|---|
| **V** | Com volante | **M** | De parafuso com chave hexagonal |

2

## Vazão regulada

| | | | | | |
|---|---|---|---|---|---|
| **A** | N.C. Normalmente fechado 0 - 40 l/min 0 - 10,56 US | **B** | N.C. Normalmente fechado 0 - 20 l/min 0 - 5,28 US gpm | **C** | N.O. Normalmente aberto 40 - 0 l/min 10,56 - 0 US |

3

## Tipo rosca

| | | | |
|---|---|---|---|
| **F** | Fêmea | **M** | Macho |

4

## Rosqueamento conexões PR - R

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **A** | 3/8'' GÁS ISO 1179 | **C** | M18x1,5 ISO 9974 | **W** | M18x1,5 ISO 6149 | **E** | 3/4'' - 16 SAE ISO 11926 |

5

## Opções da linha EX

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **N** | Nenhuma | **A** | NE Eletroválvula 2/2 | **B** | VL Válvula limitadora de pressão | **C** | NE + VL |

6 7

## Pressão de calibração VL

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **NN** | Nenhuma | **08** | 80 bar | **14** | 140 bar | **20** | 200 bar |
| **03** | 30 bar | **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 |

8

## Tensão e conector NE

| | | | | | |
|---|---|---|---|---|---|
| **N** | Nenhuma | **B** | 24V DIN 43650 | **H** | 24V Deutsch |
| **A** | 12V DIN 43650 | **G** | 12V Deutsch | | |

9

## Tratamento externo

| | | | |
|---|---|---|---|
| **N** | Nenhum | **Z** | Galvanização |