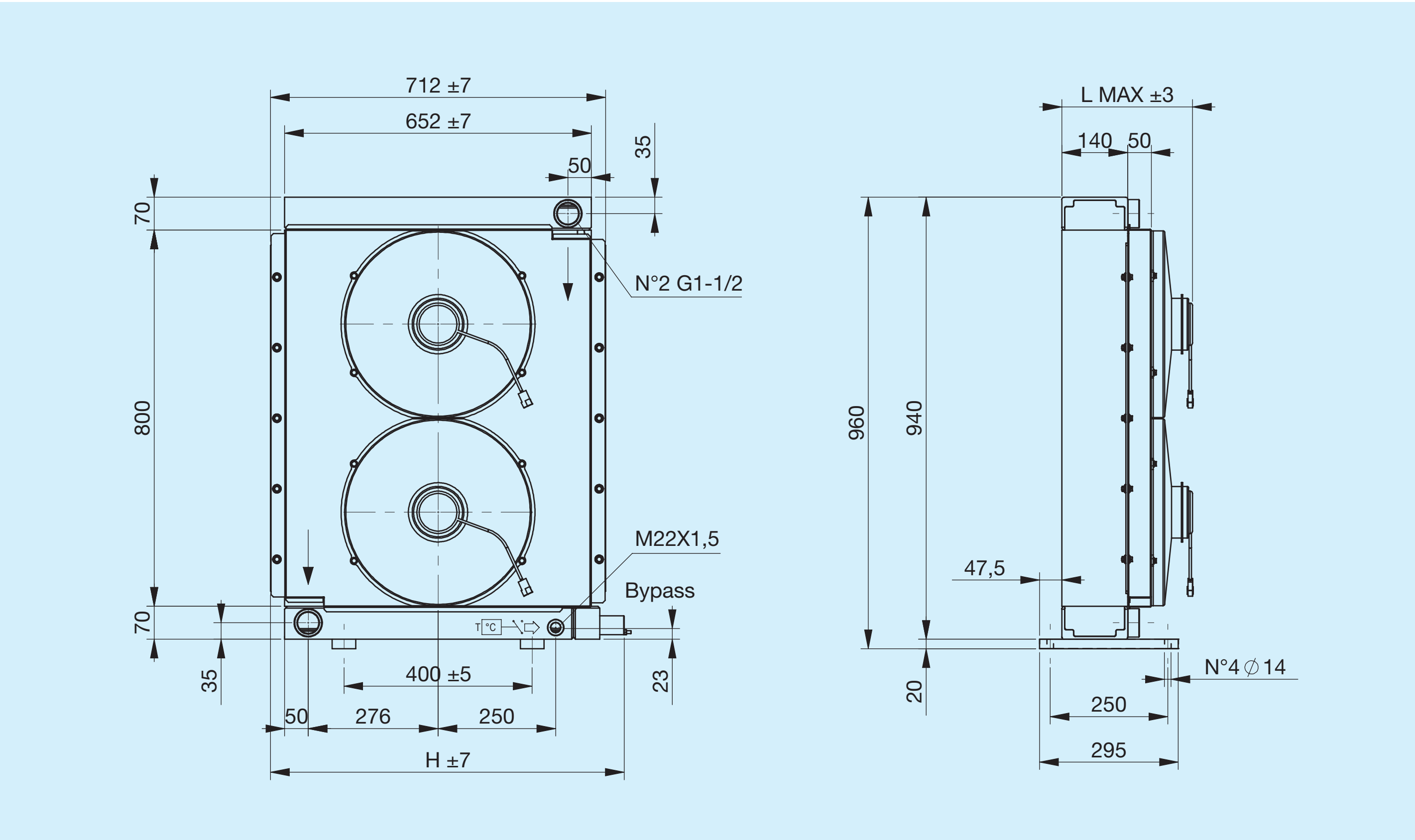
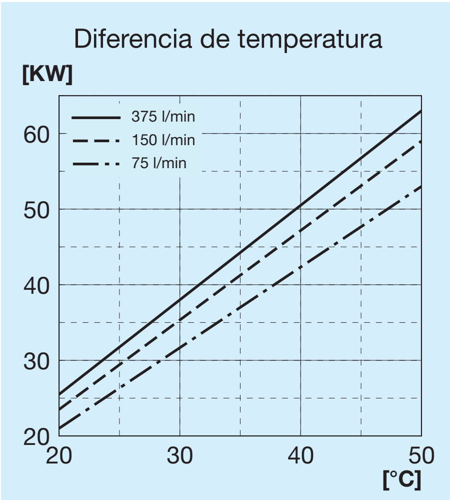
# A86

Antes de usar, leer atentamente el documento INSTRUCCIONES GENERALES DE USO DE LOS INTERCAMBIADORES DE CALOR.

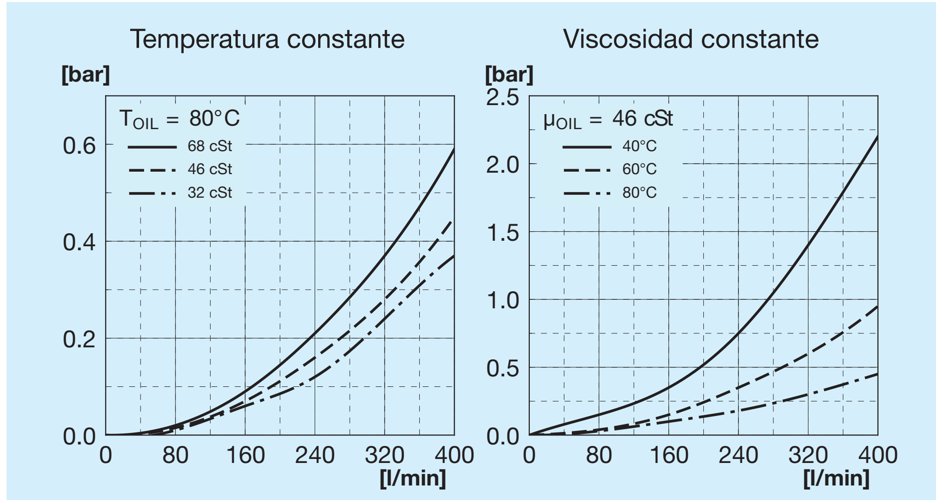



| Código | Descripción | Ø Venti-lador mm | Caudal de aire m³/h | Tensión V | Intensi-dad A | L Máx. mm | H mm | Masa Kg | Capaci-dad l |
|---|---|---|---|---|---|---|---|---|---|
| FR633263103 | **A86 2EAP 12V bypass T15 V.T. 6 bar 50 °C** | 2X385 | 2X2850 | 12 | 2X19,7 | 280 | 752 | 55 | 28 |
| FR633263104 | **A86 2ESP 12V bypass T15 V.T. 6 bar 50 °C** | 2X385 | 2X3070 | 12 | 2X18,7 | 280 | 752 | 55 | 28 |
| FR633261003 | **A86 2EAP 12V bypass T15 VNR 4,5 bar** | 2X385 | 2X2850 | 12 | 2X19,7 | 280 | 714 | 55 | 28 |
| FR633261004 | **A86 2ESP 12V bypass T15 VNR 4,5 bar** | 2X385 | 2X3070 | 12 | 2X18,7 | 280 | 714 | 55 | 28 |
| FR633263113 | **A86 2EAP 24V bypass T15 V.T. 6 bar 50 °C** | 2X385 | 2X3070 | 24 | 2X10 | 280 | 752 | 55 | 28 |
| FR633263114 | **A86 2ESP 24V bypass T15 V.T. 6 bar 50 °C** | 2X385 | 2X3180 | 24 | 2X9,4 | 280 | 752 | 55 | 28 |
| FR633261013 | **A86 2EAP 24V bypass T15 VNR 4,5 bar** | 2X385 | 2X3070 | 24 | 2X10 | 280 | 714 | 55 | 28 |
| FR633261014 | **A86 2ESP 24V bypass T15 VNR 4,5 bar** | 2X385 | 2X3180 | 24 | 2X9,4 | 280 | 714 | 55 | 28 |
| FR633260003 | **A86 2EAP 12V** | 2X385 | 2X2850 | 12 | 2X19,7 | 280 | 710 | 55 | 28 |
| FR633260004 | **A86 2ESP 12V** | 2X385 | 2X3070 | 12 | 2X18,7 | 280 | 710 | 55 | 28 |
| FR633260013 | **A86 2EAP 24V** | 2X385 | 2X3070 | 24 | 2X10 | 280 | 710 | 55 | 28 |
| FR633260014 | **A86 2ESP 24V** | 2X385 | 2X3180 | 24 | 2X9,4 | 280 | 710 | 55 | 28 |

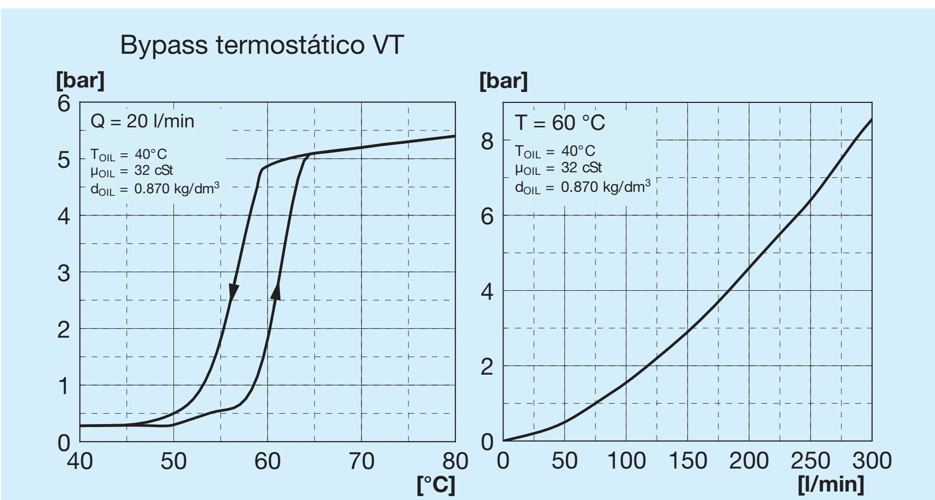
## Potencia térmica

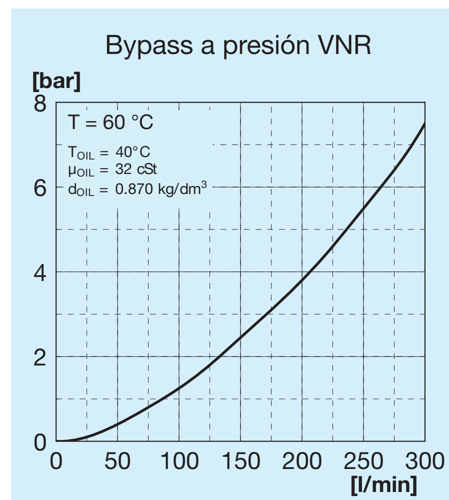



## Pérdida de carga paso radiador

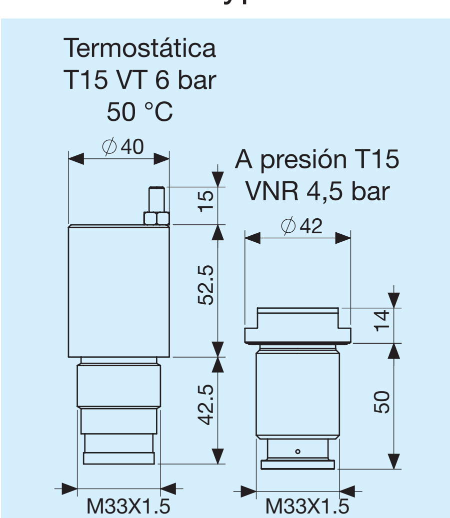



## Pérdida de carga paso bypass



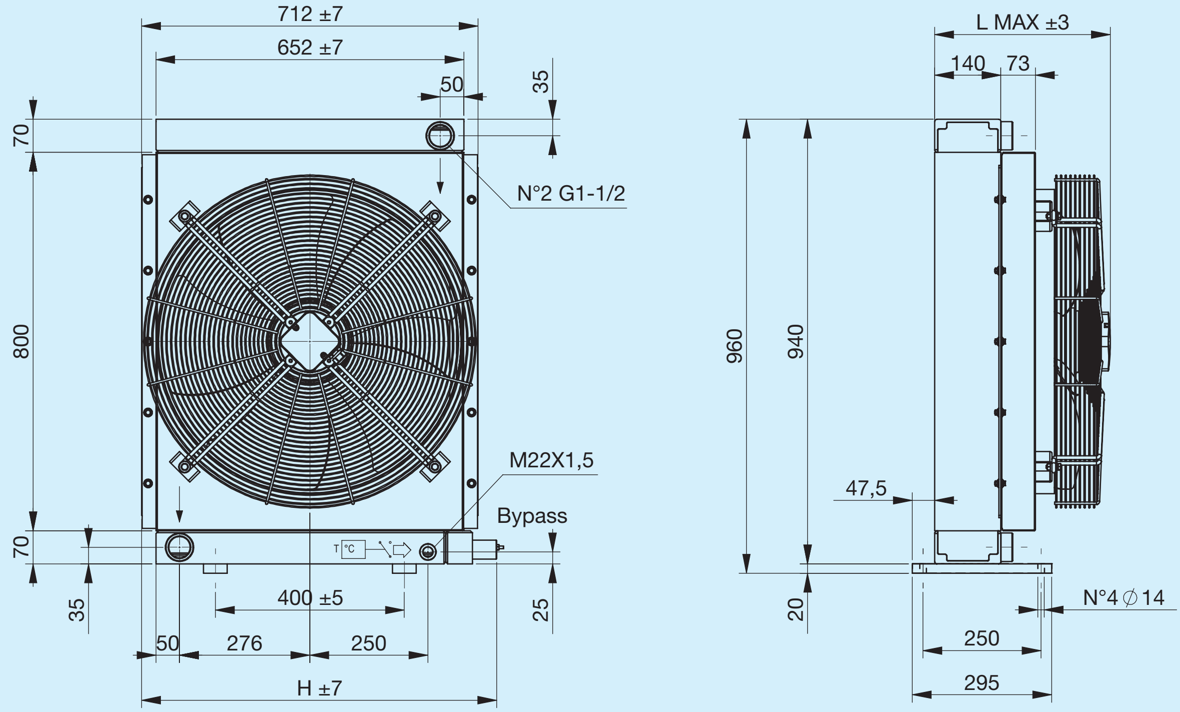




## Válvulas de bypass




## Leyenda

| | |
|---|---|
| **A86** | Tipo de intercambiador |
| **2E** | 2 Electroventiladores |
| **A** | Aspirante |
| **S** | Soplante |
| **AP** | Aspirante potenciado |
| **SP** | Soplante potenciado |
| **AX** | Aspirante superpotenciado |
| **SX** | Soplante superpotenciado |
| **12V** | Tensión electroventilador |
| **24V** | Tensión electroventilador |
| **T15 VT** | Válvula bypass termostática 6 bar 50 °C |
| **T15 VNR** | Válvula bypass a presión 4,5 bar |

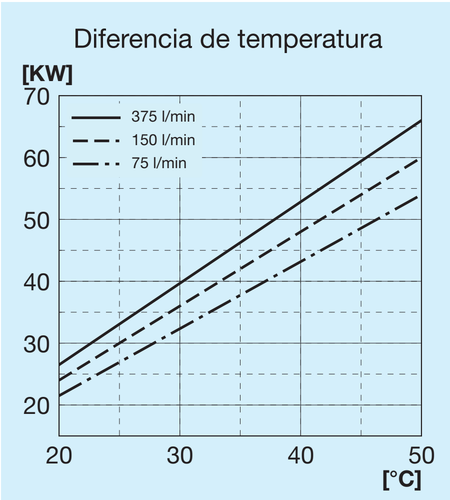



| Código | Descripción | Ø Ventilador mm | Potencia W | Frecuencia Hz | Velocidad min-¹ | Protección IP | L Máx. mm | H mm | Masa Kg | Capacidad l |
|---|---|---|---|---|---|---|---|---|---|---|
| FR633263131 | **A86 1EA 230V bypass T15 V.T. 6 bar 50 °C** | 630 | 600 | 50 | 880 | 54 | 393 | 752 | 57 | 28 |
| FR633263132 | **A86 1ES 230V bypass T15 V.T. 6 bar 50 °C** | 630 | 600 | 50 | 880 | 54 | 393 | 752 | 57 | 28 |
| FR633261031 | **A86 1EA 230V bypass T15 VNR 4,5 bar** | 630 | 600 | 50 | 880 | 54 | 393 | 714 | 57 | 28 |
| FR633261032 | **A86 1ES 230V bypass T15 VNR 4,5 bar** | 630 | 600 | 50 | 880 | 54 | 393 | 714 | 57 | 28 |
| FR633263121 | **A86 1EA 400V bypass T15 V.T. 6 bar 50 °C** | 630 | 510 | 50 | 860 | 54 | 388 | 752 | 57 | 28 |
| FR633263122 | **A86 1ES 400V bypass T15 V.T. 6 bar 50 °C** | 630 | 510 | 50 | 860 | 54 | 388 | 752 | 57 | 28 |
| FR633261021 | **A86 1EA 400V bypass T15 VNR 4,5 bar** | 630 | 510 | 50 | 860 | 54 | 388 | 714 | 57 | 28 |
| FR633261022 | **A86 1ES 400V bypass T15 VNR 4,5 bar** | 630 | 510 | 50 | 860 | 54 | 388 | 714 | 57 | 28 |
| FR633260031 | **A86 1EA 230V** | 630 | 600 | 50 | 880 | 54 | 396 | 710 | 57 | 28 |
| FR633260032 | **A86 1ES 230V** | 630 | 600 | 50 | 880 | 54 | 396 | 710 | 57 | 28 |
| FR633260021 | **A86 1EA 400V** | 630 | 510 | 50 | 860 | 54 | 391 | 710 | 57 | 28 |
| FR633260022 | **A86 1ES 400V** | 630 | 510 | 50 | 860 | 54 | 391 | 710 | 57 | 28 |

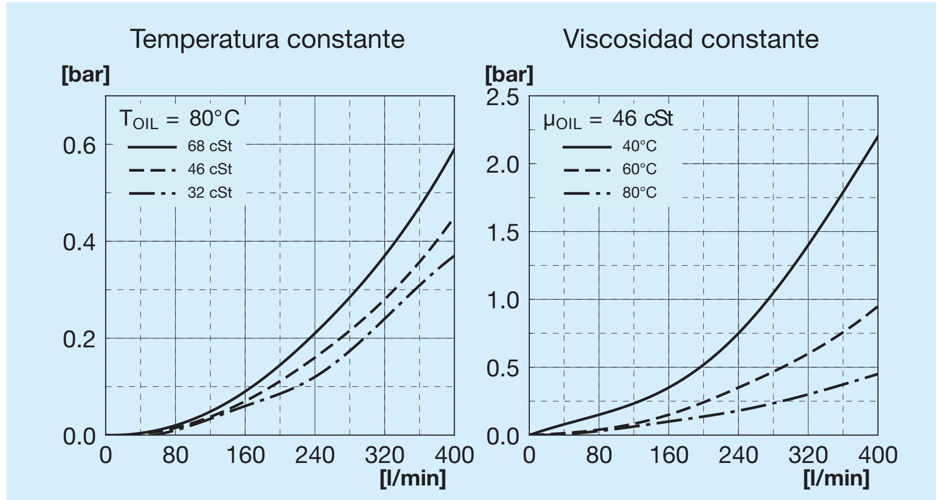
# Curvas características

## 230V-400V A86

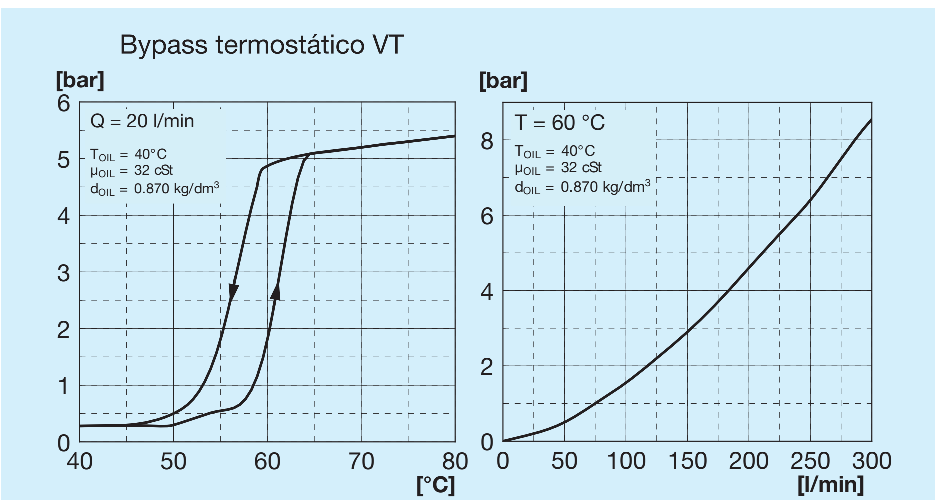
### Potencia térmica

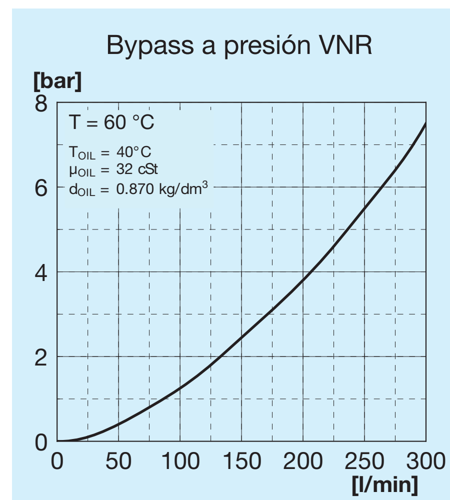



### Pérdida de carga paso radiador

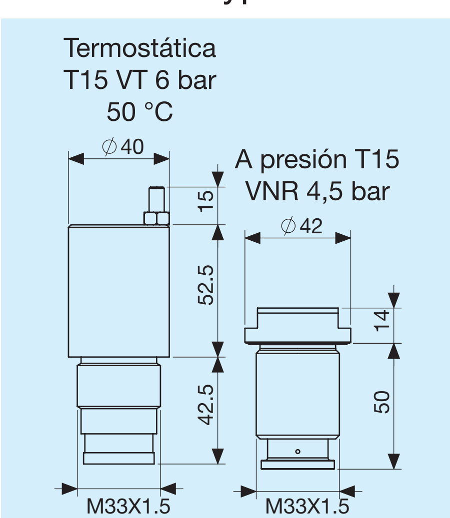



### Pérdida de carga paso bypass



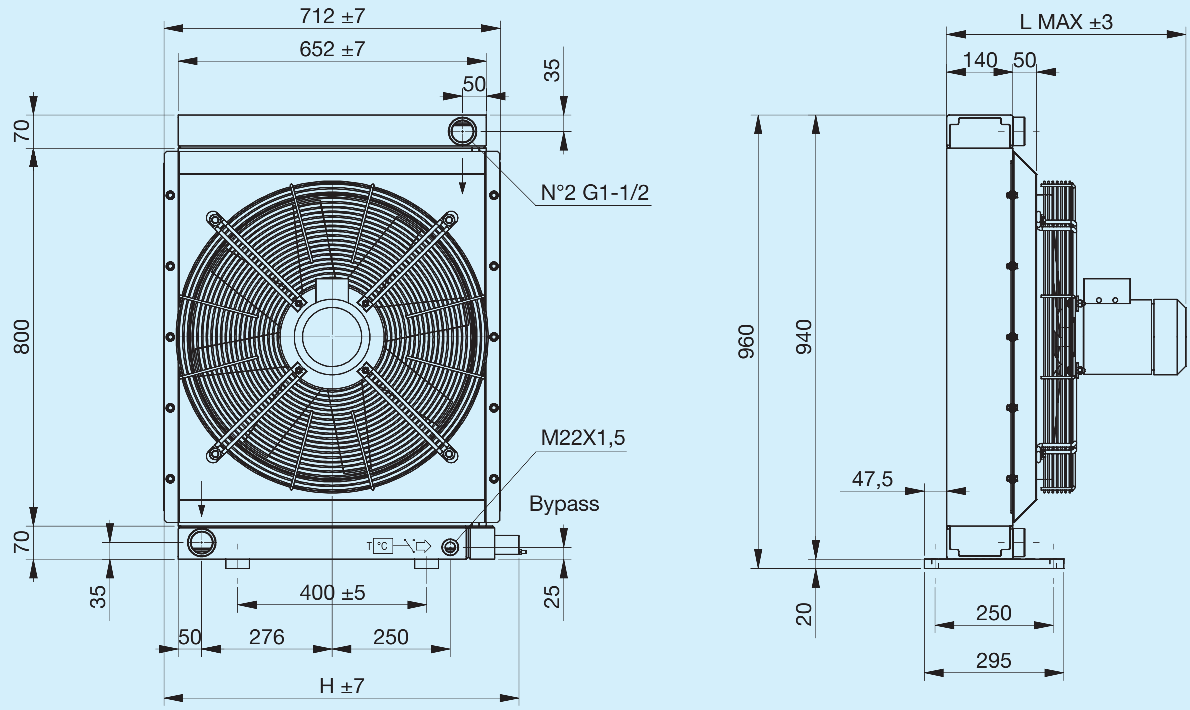




## Válvulas de bypass



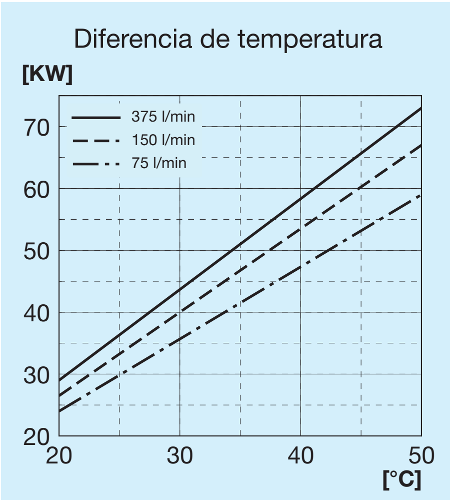

## Leyenda

| | |
|---|---|
| **A86** | Tipo de intercambiador |
| **1E** | 1 Electroventilador |
| **A** | Aspirante |
| **S** | Soplante |
| **230V** | Tensión electroventilador |
| **400V** | Tensión electroventilador |
| **T15 VT** | Válvula bypass termostática 6 bar 50 °C |
| **T15 VNR** | Válvula bypass a presión 4,5 bar |

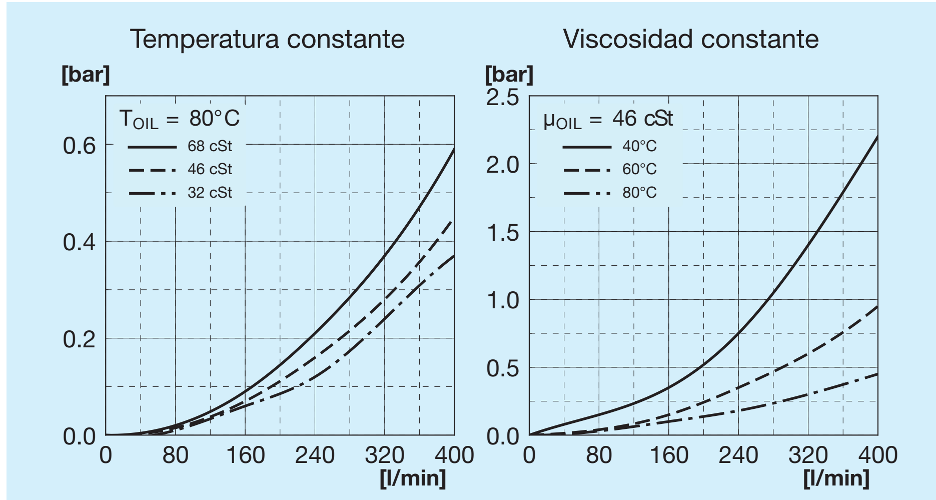



| Código | Descripción | Ø Ventilador mm | Potencia W | Frecuencia Hz | Velocidad min-¹ | Protección IP | L Máx. mm | H mm | Masa Kg | Capacidad l |
|---|---|---|---|---|---|---|---|---|---|---|
| FR633263141 | **A86 1EA 230V-B14 bypass T15 V.T. 6 bar 50 °C** | 580 | 750 | 50 | 1390 | 65 | 504 | 752 | 65.5 | 28 |
| FR633263142 | **A86 1EA 230V-B14 bypass T15 V.T. 6 bar 50 °C** | 580 | 750 | 50 | 1390 | 65 | 504 | 752 | 65.5 | 28 |
| FR633261041 | **A86 1EA 230V-B14 bypass T15 VNR 4,5 bar** | 580 | 750 | 50 | 1390 | 65 | 504 | 714 | 65.5 | 28 |
| FR633261042 | **A86 1EA 230V-B14 bypass T15 VNR 4,5 bar** | 580 | 750 | 50 | 1390 | 65 | 504 | 714 | 65.5 | 28 |
| FR633263151 | **A86 1EA 400V-B14 bypass T15 V.T. 6 bar 50 °C** | 580 | 750 | 50 | 1390 | 65 | 504 | 752 | 65.5 | 28 |
| FR633263152 | **A86 1ES 400V-B14 bypass T15 V.T. 6 bar 50 °C** | 580 | 750 | 50 | 1390 | 65 | 504 | 752 | 65.5 | 28 |
| FR633261051 | **A86 1EA 400V-B14 bypass T15 VNR 4,5 bar** | 580 | 750 | 50 | 1390 | 65 | 504 | 714 | 65.5 | 28 |
| FR633261052 | **A86 1ES 400V-B14 bypass T15 VNR 4,5 bar** | 580 | 750 | 50 | 1390 | 65 | 504 | 714 | 65.5 | 28 |
| FR633260041 | **A86 1EA 230V-B14** | 580 | 750 | 50 | 1390 | 65 | 504 | 710 | 65.5 | 28 |
| FR633260042 | **A86 1ES 230V-B14** | 580 | 750 | 50 | 1390 | 65 | 504 | 710 | 65.5 | 28 |
| FR633260051 | **A86 1EA 400V-B14** | 580 | 750 | 50 | 1390 | 65 | 504 | 710 | 65.5 | 28 |
| FR633260052 | **A86 1ES 400V-B14** | 580 | 750 | 50 | 1390 | 65 | 504 | 710 | 65.5 | 28 |

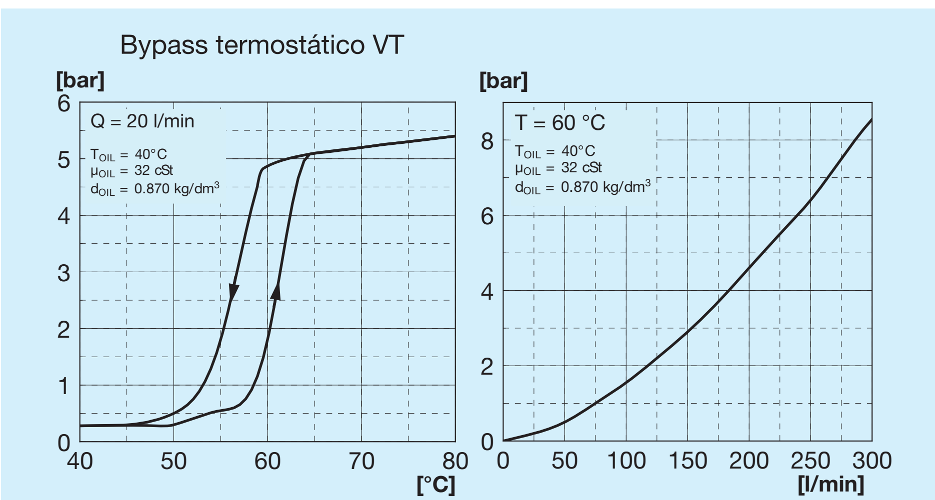
## Potencia térmica

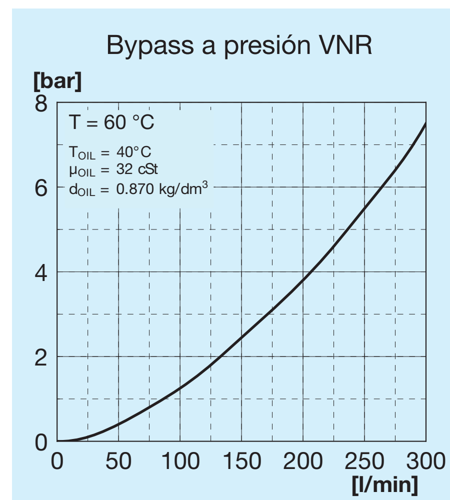



## Pérdida de carga paso radiador

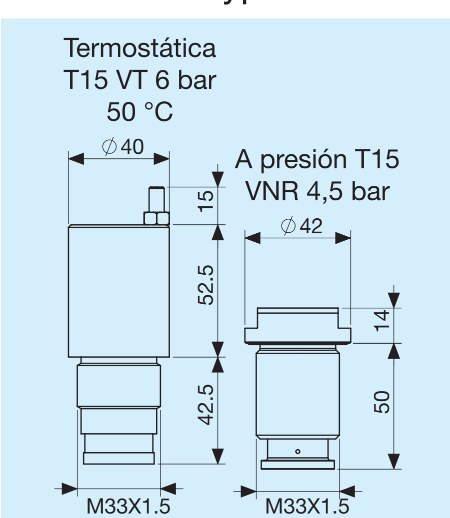



## Pérdida de carga paso bypass



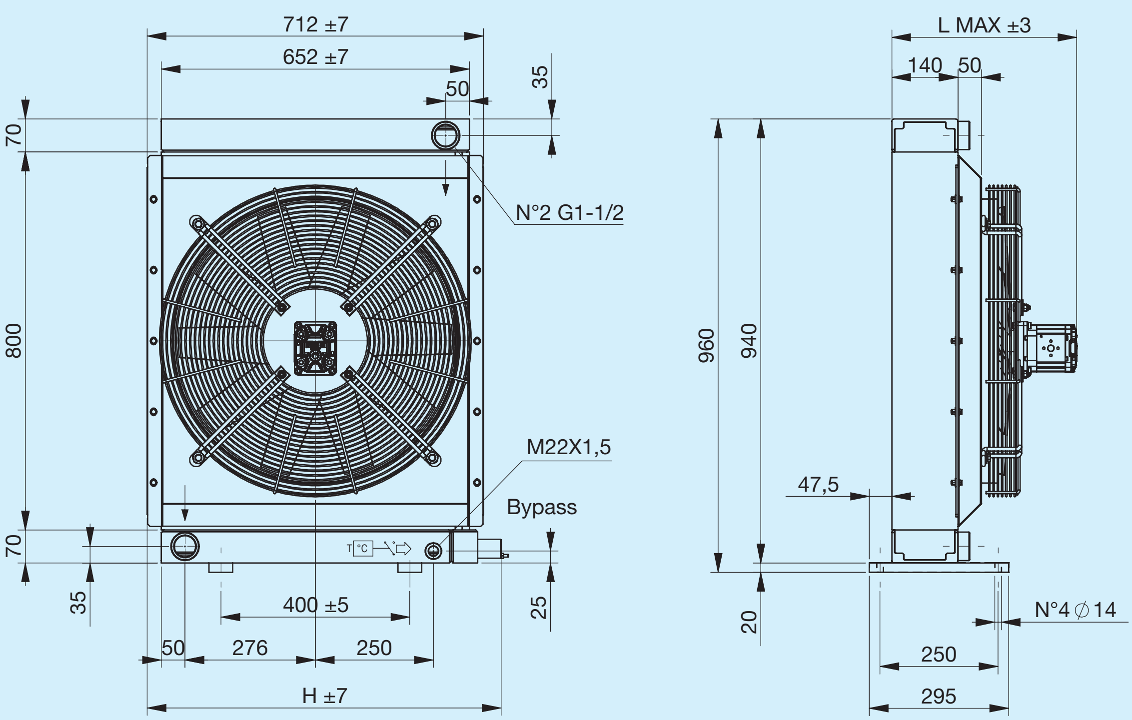




## Válvulas de bypass




## Leyenda

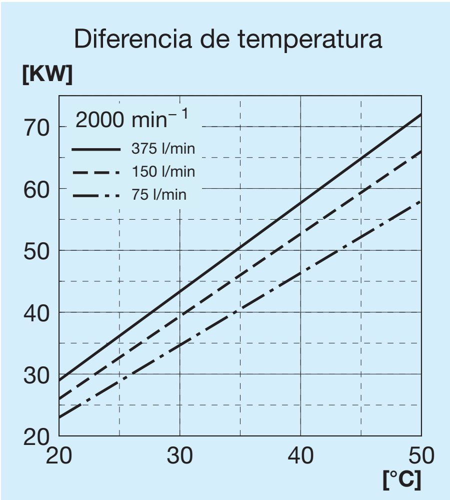
| | |
|---|---|
| **A86** | Tipo de intercambiador |
| **1E** | 1 Electroventilador |
| **A** | Aspirante |
| **S** | Soplante |
| **230V B14** | Tensión electroventilador |
| **400V B14** | Tensión electroventilador |
| **T15 VT** | Válvula bypass termostática 6 bar 50 °C |
| **T15 VNR** | Válvula bypass a presión 4,5 bar |



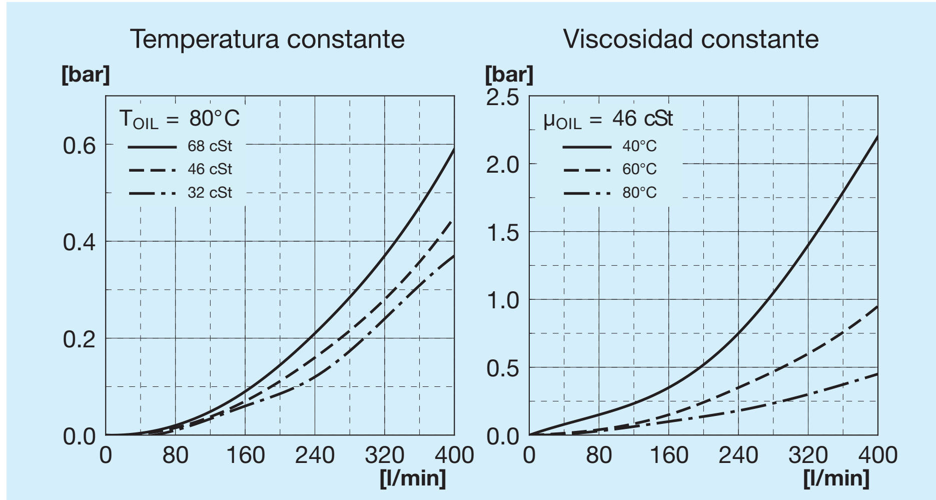

| Código | Descripción | Ø Ventilador mm | Cilindrada del motor cm3 | L Máx. mm | H mm | Masa Kg | Capacidad l |
|---|---|---|---|---|---|---|---|
| FR634263103 | **A86 IA PRED.GR2 bypass T15 V.T. 6 bar 50 °C** | 580 | _ | 330 | 752 | 58 | 28 |
| FR634263104 | **A86 IS PRED.GR2 bypass T15 V.T. 6 bar 50 °C** | 580 | _ | 330 | 752 | 58 | 28 |
| FR634261003 | **A86 IA PRED.GR2 bypass T15 VNR 4,5 bar** | 580 | _ | 330 | 714 | 58 | 28 |
| FR634261004 | **A86 IS PRED.GR2 bypass T15 VNR 4,5 bar** | 580 | _ | 330 | 714 | 58 | 28 |
| FR634263113 | **A86 IA MOT.HIDR. GR2 bypass T15 V.T. 6 bar 50 °C** | 580 | 11 | 390 | 752 | 59 | 28 |
| FR634263114 | **A86 IS MOT.HIDR. GR2 bypass T15 V.T. 6 bar 50 °C** | 580 | 11 | 390 | 752 | 59 | 28 |
| FR634261013 | **A86 IA MOT.HIDR. GR2 bypass T15 VNR 4,5 bar** | 580 | 11 | 390 | 714 | 59 | 28 |
| FR634261014 | **A86 IS MOT.HIDR. GR2 bypass T15 VNR 4,5 bar** | 580 | 11 | 390 | 714 | 59 | 28 |
| FR634260003 | **A86 IA PRED.GR2** | 580 | _ | 330 | 710 | 58 | 28 |
| FR634260004 | **A86 IS PRED.GR2** | 580 | _ | 330 | 710 | 58 | 28 |
| FR634260013 | **A86 IA MOT.HIDR. GR2** | 580 | 11 | 390 | 710 | 59 | 28 |
| FR634260014 | **A86 IS MOT.HIDR. GR2** | 580 | 11 | 390 | 710 | 59 | 28 |

# Curvas características Accionamiento hidráulico A86

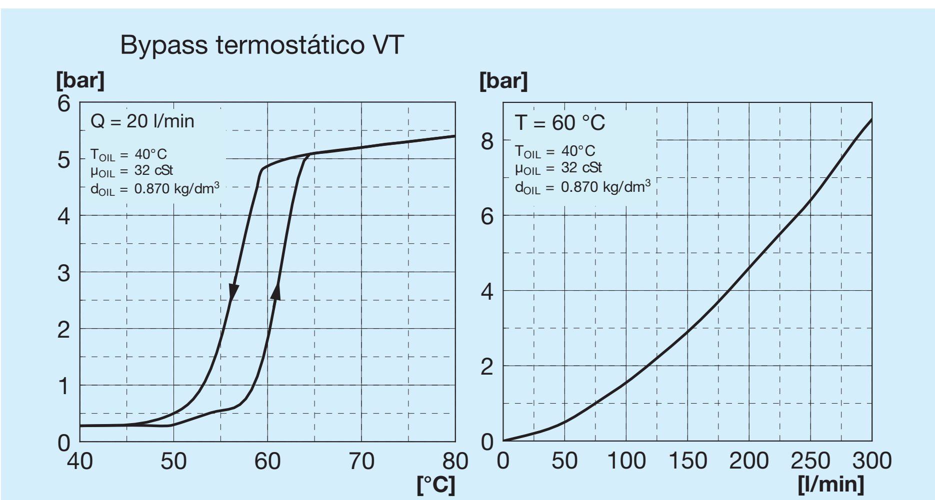
## Potencia térmica

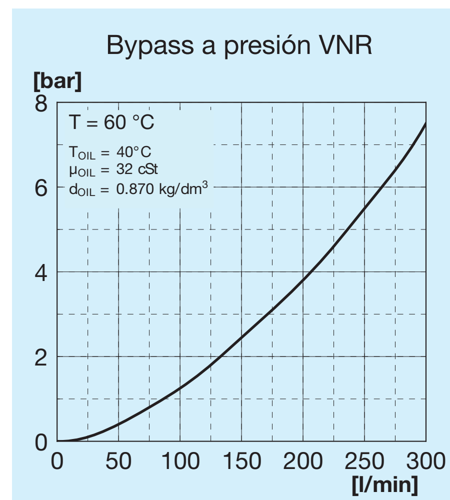



## Pérdida de carga paso radiador

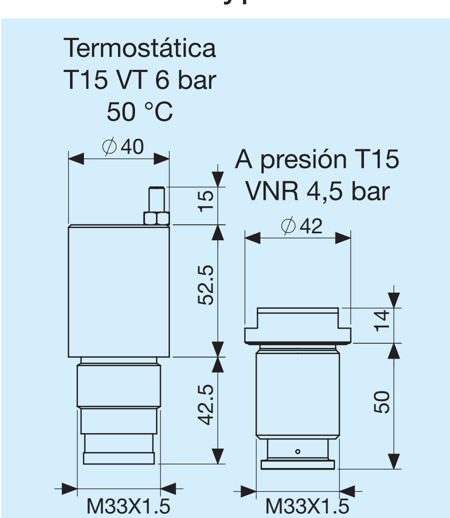



## Pérdida de carga paso bypass



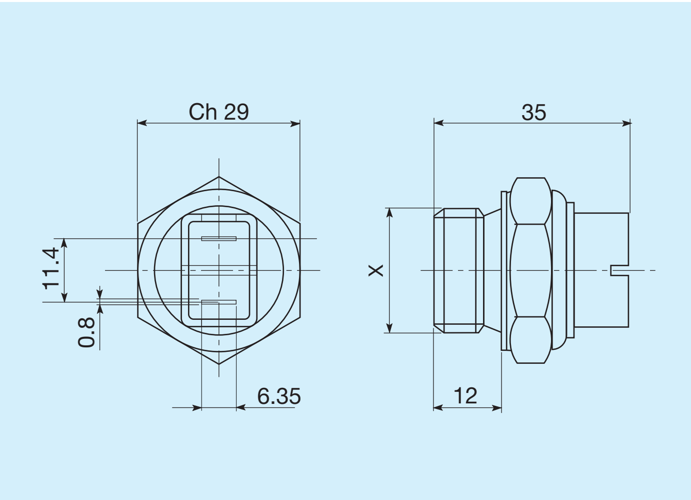

## Válvulas de bypass




## Leyenda

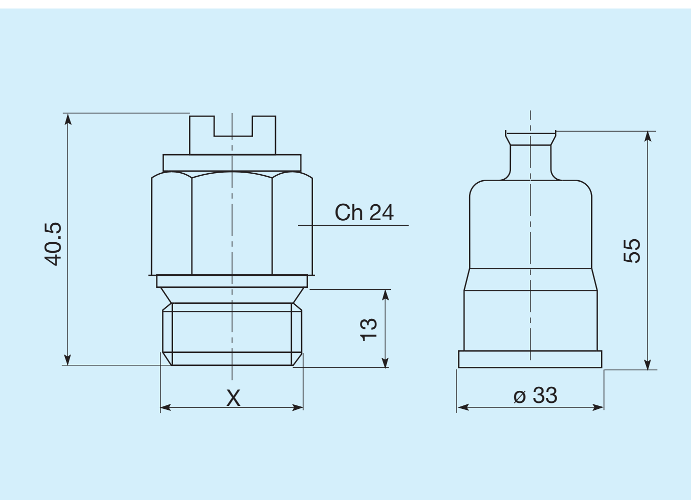
| | |
|---|---|
| **A86** | Tipo de intercambiador |
| **IA** | Hidráulico Aspirante |
| **IS** | Hidráulico Soplante |
| **PRED.** | Con soporte motor |
| **MOT. HIDR.** | Con motor de soporte integrado |
| **GR1** | Grupo 1 |
| **GR2** | Grupo 2 |
| **T15 VT** | Válvula bypass termostática 6 bar 50 °C |
| **T15 VNR** | Válvula bypass a presión 4,5 bar |

## Termostatos



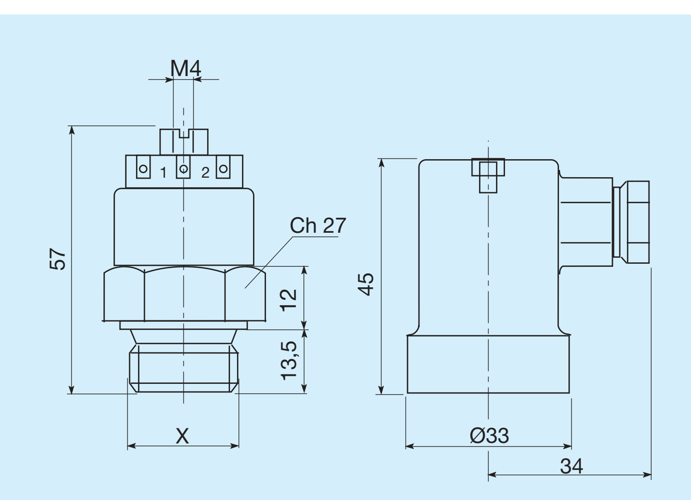

| Temperaturas de intervención C° | Rosca | Código |
|---|---|---|
| 45 - 35 | M22x1,5 | FR361104535R |
| 60 - 50 | M22x1,5 | FR361106050R |
| 80 - 70 | M22x1,5 | FR361108070R |
| 82 - 68 | M22x1,5 | FR361108268R |
| 85 - 76 | M22x1,5 | FR361108576R |

## Termostatos protegidos IP54




| Temperaturas de intervención C° | Rosca | Código |
|---|---|---|
| 45 - 35 | M22x1,5 | FR361124535R |
| 50 - 40 | M22x1,5 | FR361125040R |
| 60 - 50 | M22x1,5 | FR361126050R |
| 70 - 60 | M22x1,5 | FR361127060R |
| 80 -70 | M22x1,5 | FR361128070R |

## Termostatos protegidos IP65




| Temperaturas de intervención C° | Rosca | Código |
|---|---|---|
| 45 - 35 | M22x1,5 | FR361154535R |
| 47 - 36 | M22x1,5 | FR361155040R |
| 60 - 50 | M22x1,5 | FR361176050R |
| 80 - 70 | M22x1,5 | FR361158070R |