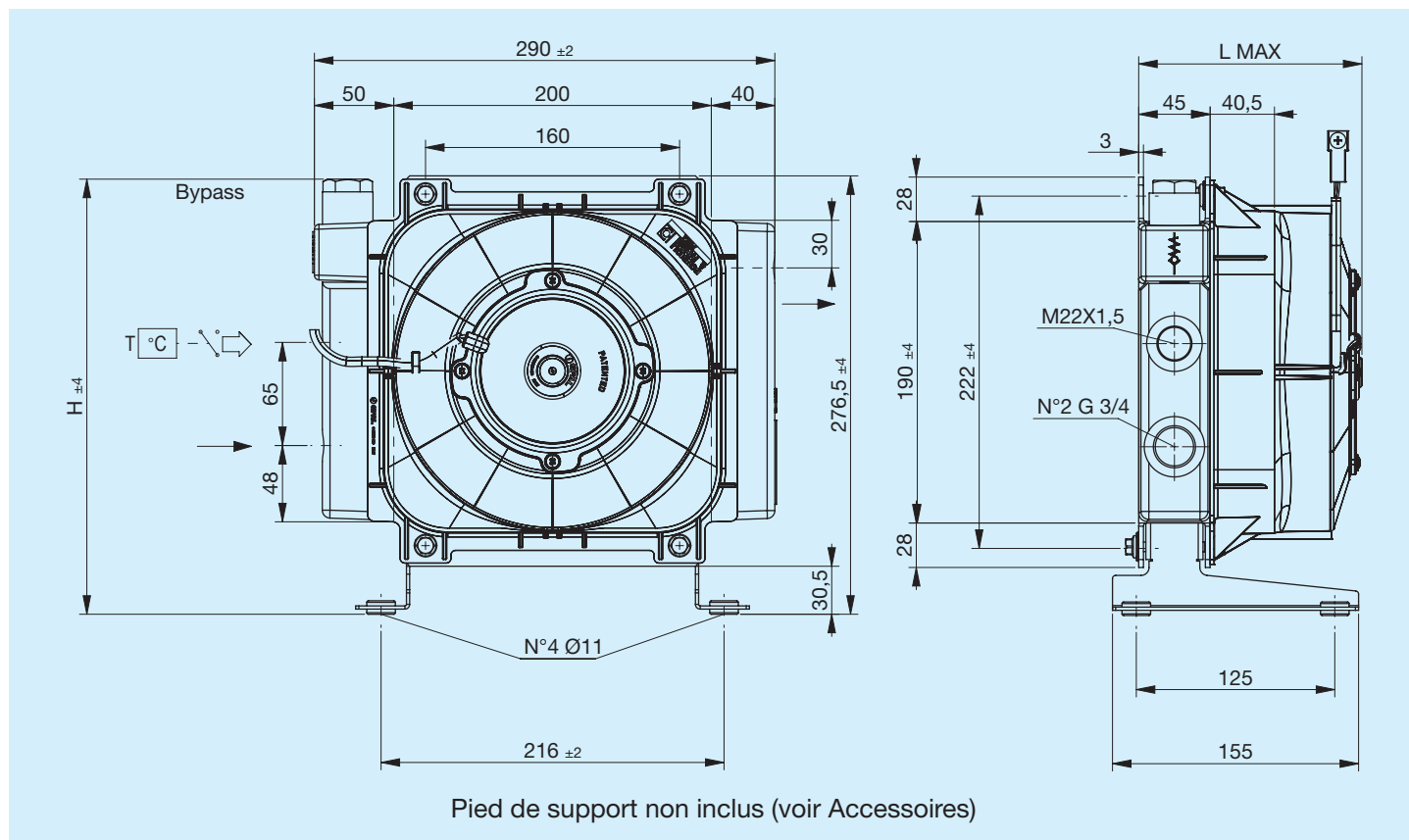


A16

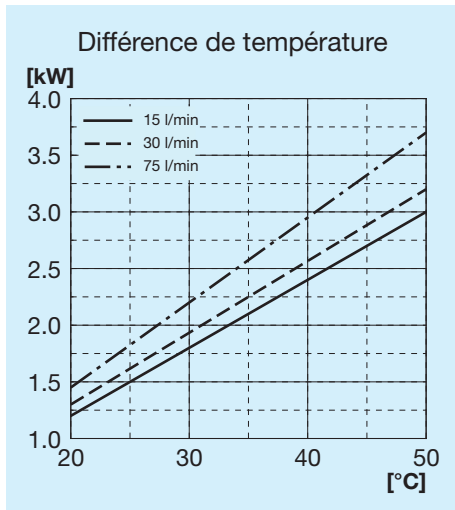


Avant toute utilisation, lire attentivement le document INSTRUCTIONS GÉNÉRALES
D'UTILISATION DES ÉCHANGEURS DE CHALEUR

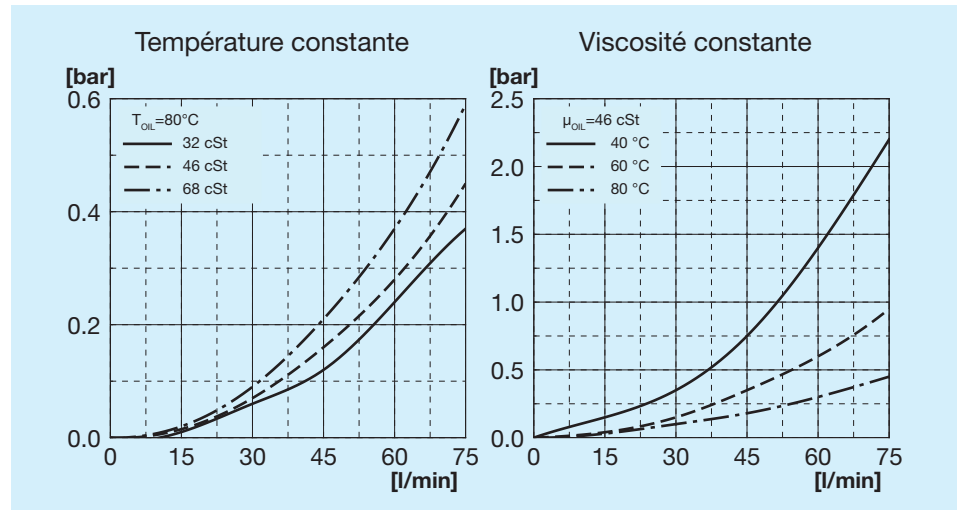


| Code | Description | Ø Ventilateur mm | Débit d'air m³/h | Tension V | Intensité A | L Max mm | H mm | Poids kg | Capacité l |
|-------------|--|---------------------|---------------------|--------------|----------------|-------------|---------|-------------|---------------|
| FR633050003 | A16 1EAP 12 V | 190 | 600 | 12 | 4.5 | 145 | 276.5 | 3.7 | 1 |
| FR633050004 | A16 1ESP 12 V | 190 | 570 | 12 | 4.6 | 145 | 276.5 | 3.7 | 1 |
| FR633050013 | A16 1EAP 24 V | 190 | 650 | 24 | 2.9 | 145 | 276.5 | 3.7 | 1 |
| FR633050014 | A16 1ESP 24 V | 190 | 640 | 24 | 2.7 | 145 | 276.5 | 3.7 | 1 |
| FR633051003 | A16 1EAP 12 V bipasse T15 VNR 4,5 bars | 190 | 600 | 12 | 4.5 | 145 | 258 | 3.7 | 1 |
| FR633051004 | A16 1ESP 12 V bipasse T15 VNR 4,5 bars | 190 | 570 | 12 | 4.6 | 145 | 258 | 3.7 | 1 |
| FR633053103 | A16 1EAP 12 V bipasse T15 V.T. 3 bars 60°C | 190 | 600 | 12 | 4.5 | 145 | 274 | 3.7 | 1 |
| FR633053104 | A16 1ESP 12 V bipasse T15 V.T. 3 bars 60°C | 190 | 570 | 12 | 4.6 | 145 | 274 | 3.7 | 1 |
| FR633051013 | A16 1EAP 24 V bipasse T15 VNR 4,5 bars | 190 | 650 | 24 | 2.9 | 145 | 258 | 3.7 | 1 |
| FR633051014 | A16 1ESP 24 V bipasse T15 VNR 4,5 bars | 190 | 640 | 24 | 2.7 | 145 | 258 | 3.7 | 1 |
| FR633053113 | A16 1EAP 24 V bipasse T15 V.T. 3 bars 60°C | 190 | 650 | 24 | 2.9 | 145 | 274 | 3.7 | 1 |
| FR633053114 | A16 1ESP 24 V bipasse T15 V.T. 3 bars 60°C | 190 | 640 | 24 | 2.7 | 145 | 274 | 3.7 | 1 |

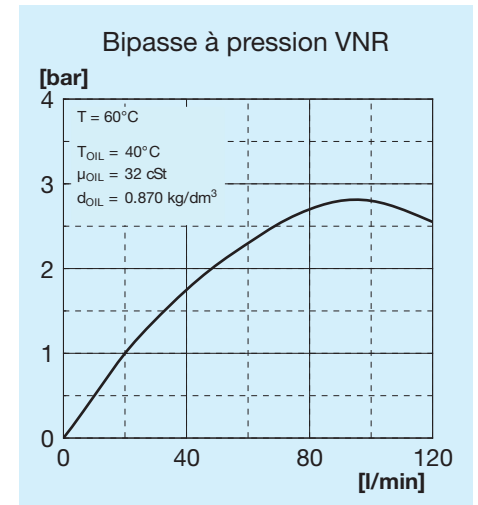
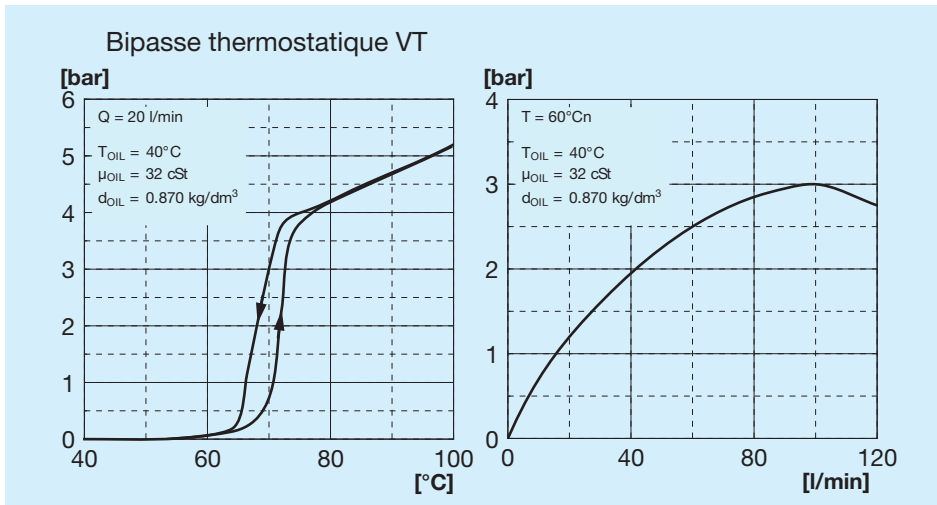
Puissance thermique



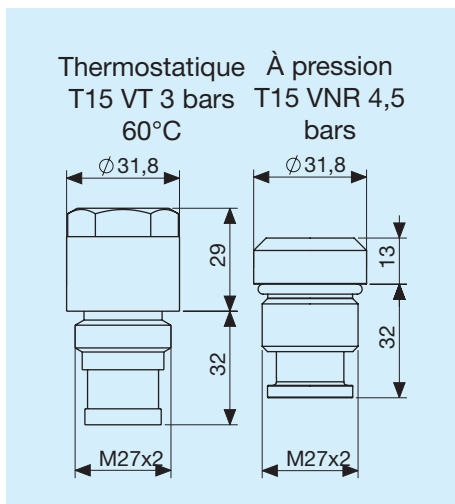
Perte de charge au passage du radiateur



Perte de charge au passage du bypass

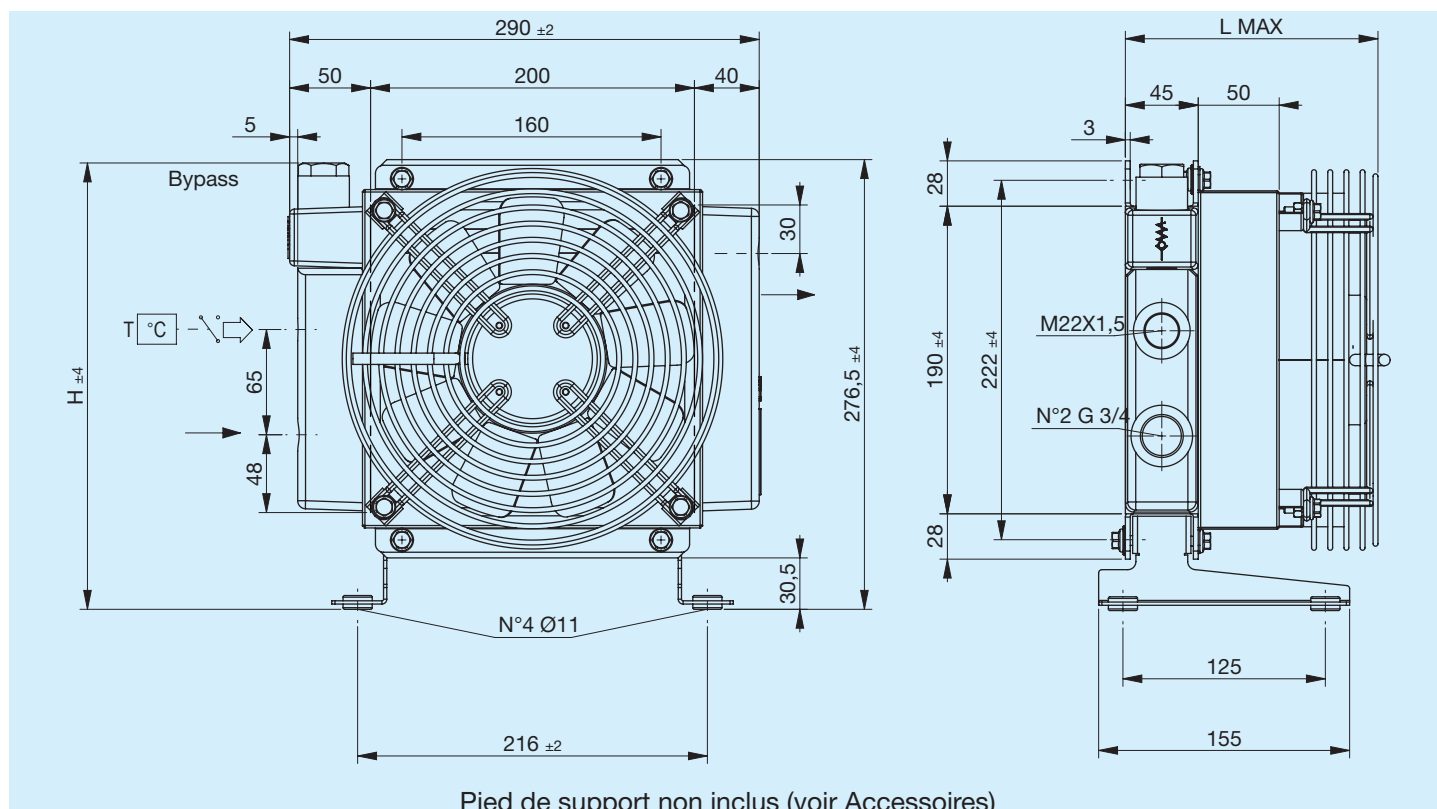


Vannes de bypass



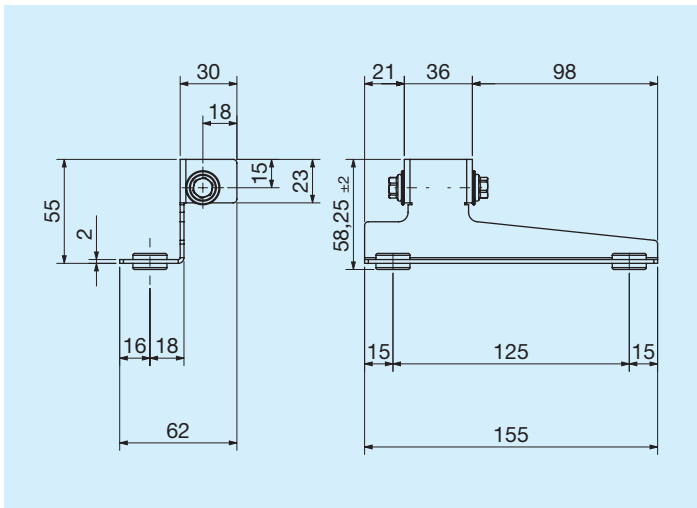
Légende

| | |
|---------|--|
| A16 | Type d'échangeur |
| 1E | 1 Electroventilateur |
| A | Aspirant |
| S | Soufflant |
| AP | Aspirant de grande puissance |
| SP | Soufflant de grande puissance |
| AX | Aspirant de très grande puissance |
| SX | Soufflant de très grande puissance |
| 12 V | Tension de l'électroventilateur |
| 24 V | Tension de l'électroventilateur |
| T15 VT | Vanne de bypass thermostatique 3 bars 60°C |
| T15 VNR | Vanne de bypass à pression 4,5 bars |

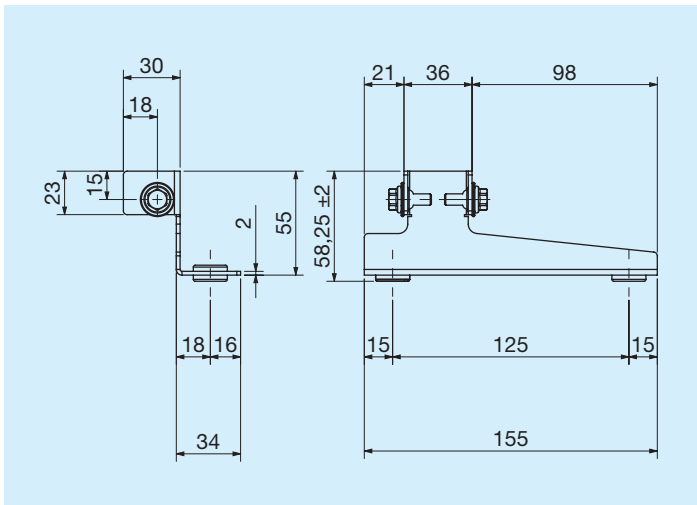


| Code | Description | Ø Ventilateur mm | Puissance W | Fréquence Hz | Vitesse min ⁻¹ | Pro-tection IP | L Max mm | H mm | Poids kg | Capacité l |
|-------------|---|---------------------|----------------|-----------------|------------------------------|-------------------|-------------|---------|-------------|---------------|
| FR633050031 | A16 1EA 230 V | 200 | 78 | 50 60 | 2600 2900 | 44 | 156 | 276.5 | 3.7 | 1 |
| FR633050032 | A16 1ES 230 V | 200 | 78 | 50 60 | 2600 2900 | 44 | 156 | 276.5 | 3.7 | 1 |
| FR633050021 | A16 1EA 400 V | 200 | 70 | 50 60 | 2600 2900 | 44 | 156 | 276.5 | 3.7 | 1 |
| FR633050022 | A16 1ES 400 V | 200 | 70 | 50 60 | 2600 2900 | 44 | 156 | 276.5 | 3.7 | 1 |
| FR633053131 | A16 1EA 230 V bipasse T15 V.T. 3 bars 60°C | 200 | 78 | 50 60 | 2600 2900 | 44 | 156 | 276 | 3.7 | 1 |
| FR633053132 | A16 1ES 230 V bipasse T15 V.T. 3 bars 60°C | 200 | 78 | 50 60 | 2600 2900 | 44 | 156 | 276 | 3.7 | 1 |
| FR633051031 | A16 1EA 230 V bipasse T15 VNR 4,5 bars | 200 | 78 | 50 60 | 2600 2900 | 44 | 156 | 260 | 3.7 | 1 |
| FR633051032 | A16 1ES 230 V bipasse T15 VNR 4,5 bars | 200 | 78 | 50 60 | 2600 2900 | 44 | 156 | 260 | 3.7 | 1 |
| FR633053121 | A16 1EA 400 V bipasse T15 V.T. 3 bars 60°C | 200 | 70 | 50 60 | 2600 2900 | 44 | 156 | 276 | 3.7 | 1 |
| FR633053122 | A16 1ES 400 V bipasse T15 V.T. 3 bars 60°C | 200 | 70 | 50 60 | 2600 2900 | 44 | 156 | 276 | 3.7 | 1 |
| FR633051021 | A16 1EA 400 V bipasse T15 VNR 4,5 bars | 200 | 70 | 50 60 | 2600 2900 | 44 | 156 | 260 | 3.7 | 1 |
| FR633051022 | A16 1ES 400 V bipasse T15 VNR 4,5 bars | 200 | 70 | 50 60 | 2600 2900 | 44 | 156 | 260 | 3.7 | 1 |

Pied de support gauche

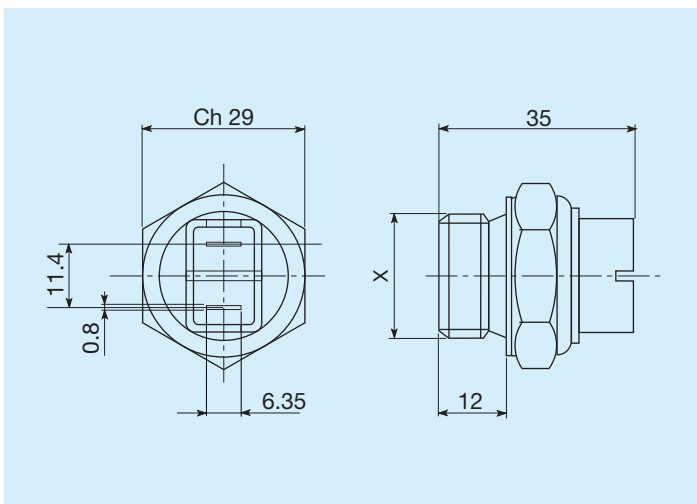


| | Code |
|------------------------|--------------|
| Pied de support gauche | FR290000019R |



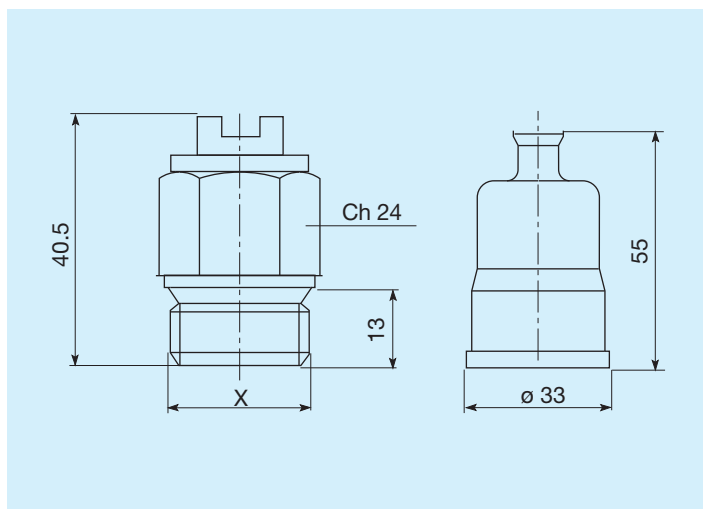
| | Code |
|-----------------------|--------------|
| Pied de support droit | FR290000020R |

Thermostats



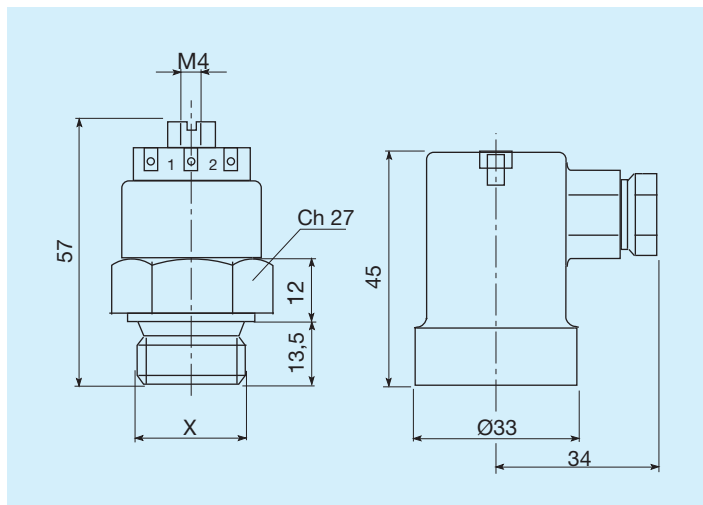
| Températures d'intervention C° | Filetage | Code |
|--------------------------------|----------|--------------|
| 45 - 35 | M22x1,5 | FR361104535R |
| 60 - 50 | M22x1,5 | FR361106050R |
| 80 - 70 | M22x1,5 | FR361108070R |
| 82 - 68 | M22x1,5 | FR361108268R |
| 85 - 76 | M22x1,5 | FR361108576R |

Thermostats protégés IP54



| Températures d'intervention C° | Filetage | Code |
|--------------------------------|----------|--------------|
| 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 |

Thermostats protégés IP65



| Températures d'intervention C° | Filetage | Code |
|--------------------------------|----------|--------------|
| 45 - 35 | M22x1,5 | FR361154535R |
| 47 - 36 | M22x1,5 | FR361155040R |
| 60 - 50 | M22x1,5 | FR361176050R |
| 80 - 70 | M22x1,5 | FR361158070R |