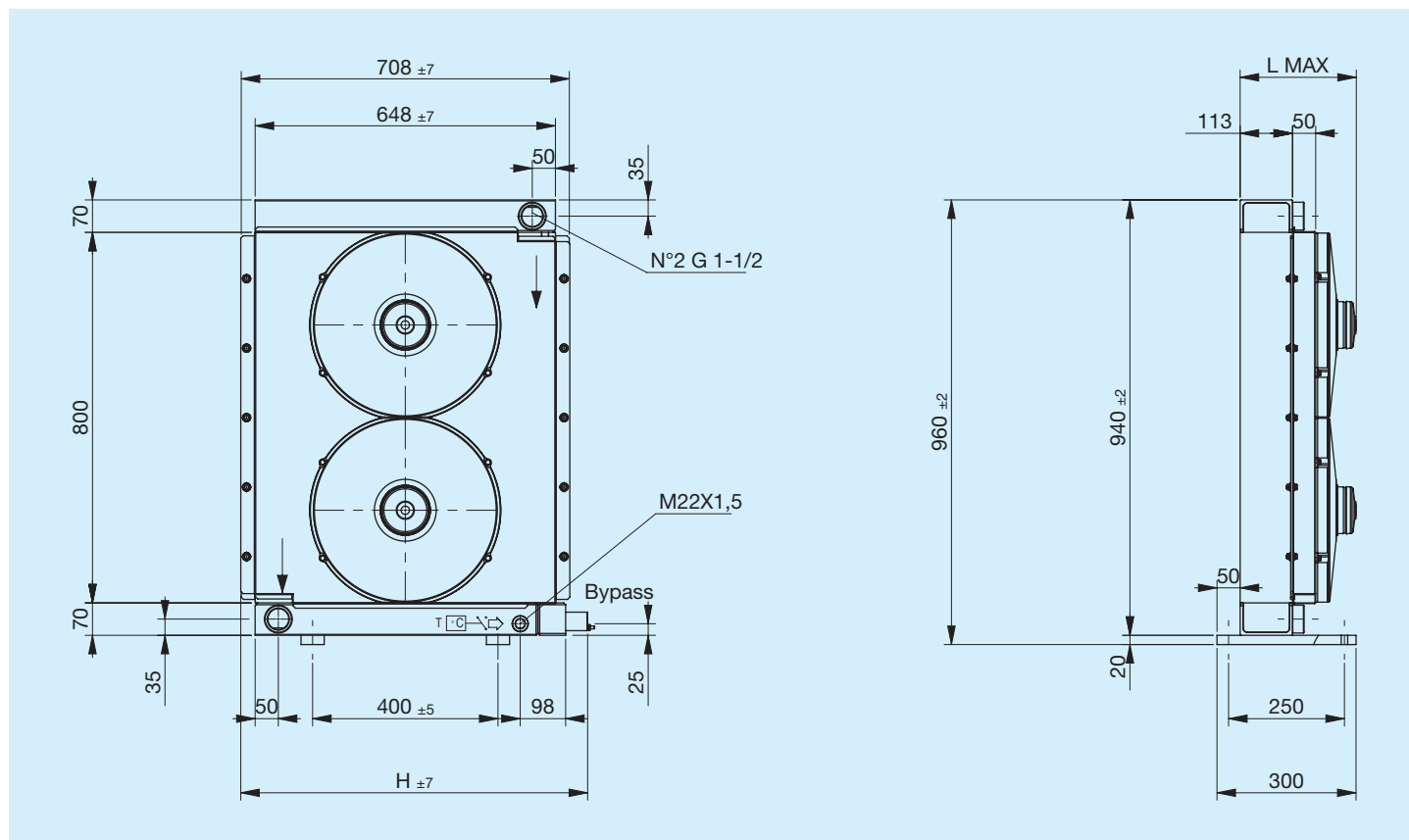


A83

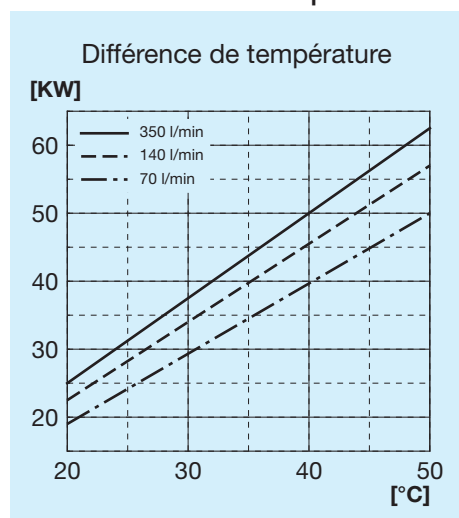


Avant toute utilisation lire attentivement le document INSTRUCTIONS GÉNÉRALES D'UTILISATION POUR ÉCHANGEURS DE CHALEUR.

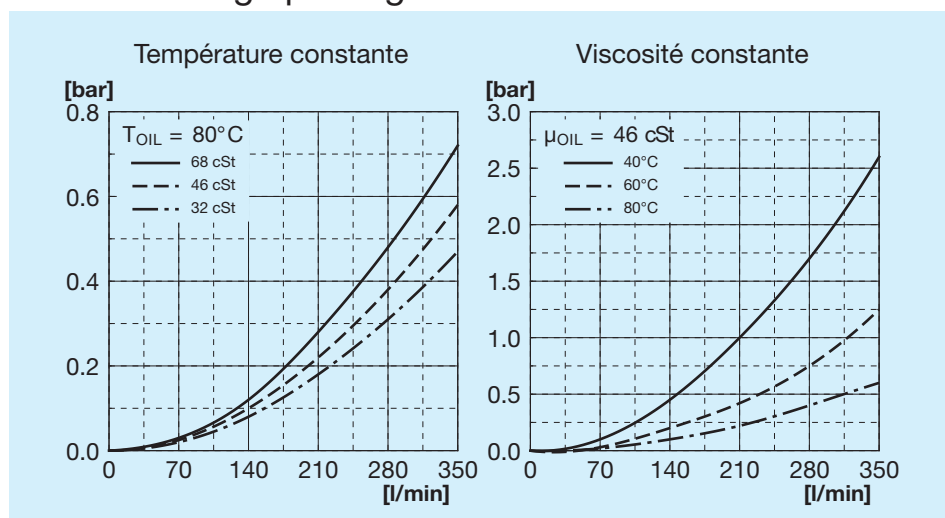


| Code        | Description                             | Ø Ventilateur<br>mm | Débit d'air<br>m³/h | Tension<br>V | Courant<br>A | L Max<br>mm | H<br>mm | Masse<br>Kg | Capacité<br>l |
|-------------|-----------------------------------------|---------------------|---------------------|--------------|--------------|-------------|---------|-------------|---------------|
| FR633243103 | A83 2EAP 12V bypass T15 V.T. 6 bar 50°C | 2X385               | 2X4000              | 12           | 2X22         | 250         | 749     | 45          | 23            |
| FR633243104 | A83 2ESP 12V bypass T15 V.T. 6 bar 50°C | 2X385               | 2X4000              | 12           | 2X22         | 250         | 749     | 45          | 23            |
| FR633241003 | A83 2EAP 12V bypass T15 VNR 4,5 bar     | 2X385               | 2X4000              | 12           | 2X22         | 250         | 711     | 45          | 23            |
| FR633241004 | A83 2ESP 12V bypass T15 VNR 4,5 bar     | 2X385               | 2X4000              | 12           | 2X22         | 250         | 711     | 45          | 23            |
| FR633243113 | A83 2EAP 24V bypass T15 V.T. 6 bar 50°C | 2X385               | 2X4000              | 24           | 2X11         | 250         | 749     | 45          | 23            |
| FR633243114 | A83 2ESP 24V bypass T15 V.T. 6 bar 50°C | 2X385               | 2X4000              | 24           | 2X11         | 250         | 749     | 45          | 23            |
| FR633241013 | A83 2EAP 24V bypass T15 VNR 4,5 bar     | 2X385               | 2X4000              | 24           | 2X11         | 250         | 711     | 45          | 23            |
| FR633241014 | A83 2ESP 24V bypass T15 VNR 4,5 bar     | 2X385               | 2X4000              | 24           | 2X11         | 250         | 711     | 45          | 23            |
| FR633240003 | A83 2EAP 12V                            | 2X385               | 2X4000              | 12           | 2X22         | 250         | 710     | 45          | 23            |
| FR633240004 | A83 2ESP 12V                            | 2X385               | 2X4000              | 12           | 2X22         | 250         | 710     | 45          | 23            |
| FR633240013 | A83 2EAP 24V                            | 2X385               | 2X4000              | 24           | 2X11         | 250         | 710     | 45          | 23            |
| FR633240014 | A83 2ESP 24V                            | 2X385               | 2X4000              | 24           | 2X11         | 250         | 710     | 45          | 23            |

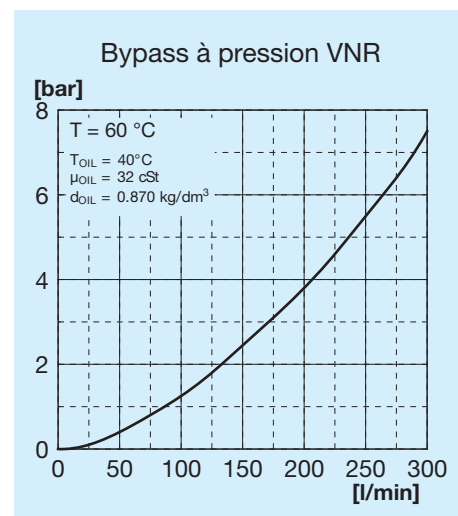
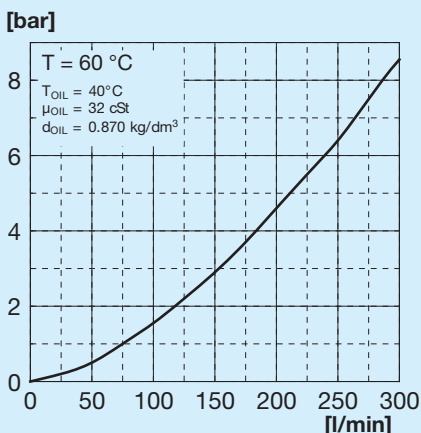
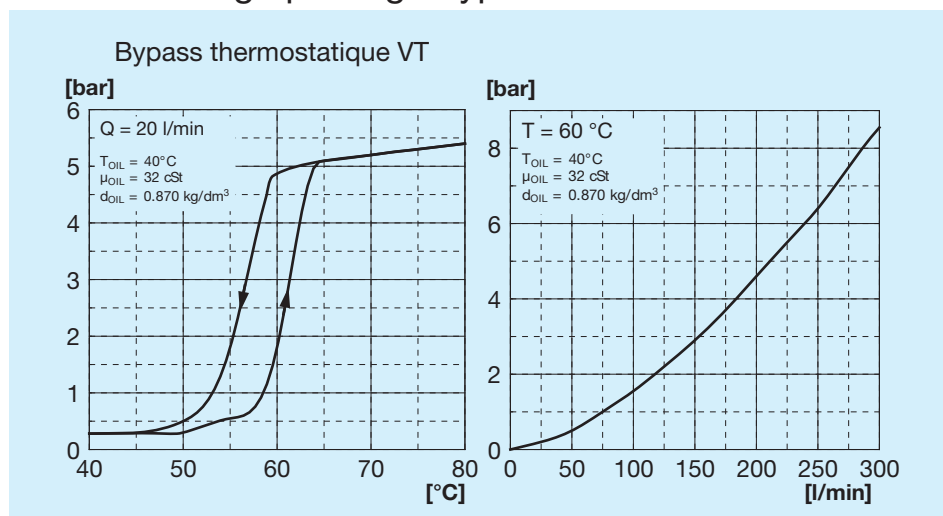
## Puissance thermique



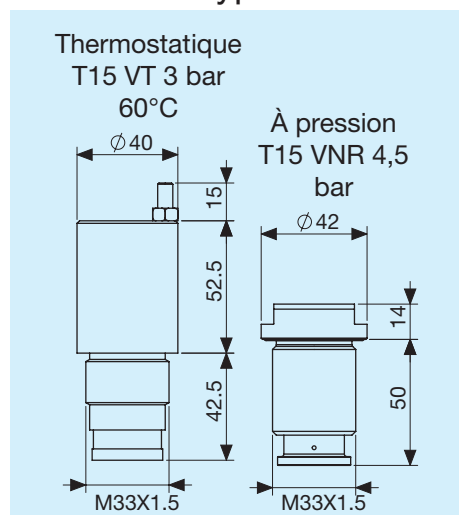
## Perte de charge passage radiateur



## Perte de charge passage bypass

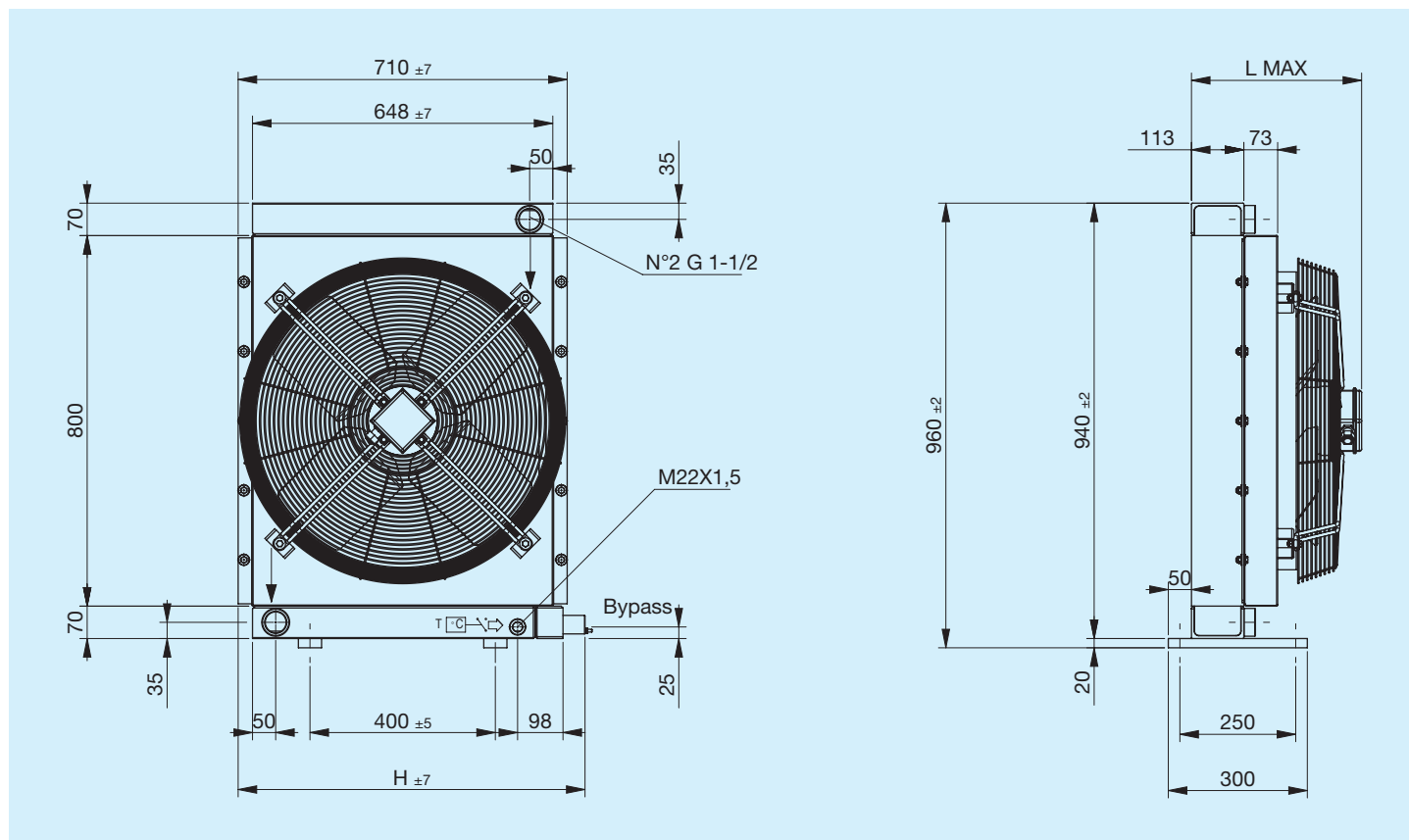


## Vannes de bypass



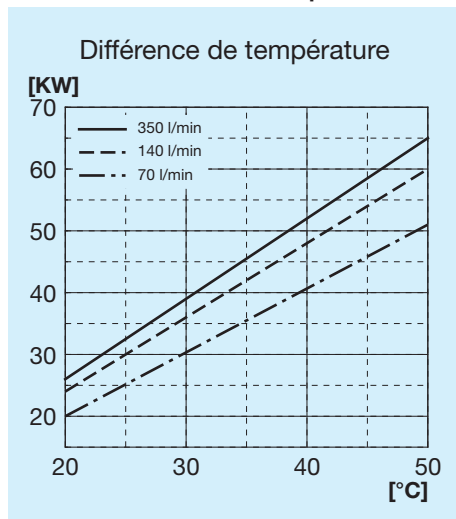
## Légende

|         |                                            |
|---------|--------------------------------------------|
| A56     | Type d'échangeur                           |
| 1E      | 1 Electroventilateur                       |
| AP      | Aspirant grande puissance                  |
| SP      | Soufflant grande puissance                 |
| AX      | Aspirant très grande puissance             |
| SX      | Soufflant très grande puissance            |
| 12V     | Tension électroventilateur                 |
| 24V     | Tension électroventilateur                 |
| T15 VT  | Vanne de bypass thermostats 3 bar 60u00b0C |
| T15 VNR | Vanne de bypass à pression 4,5 bar         |

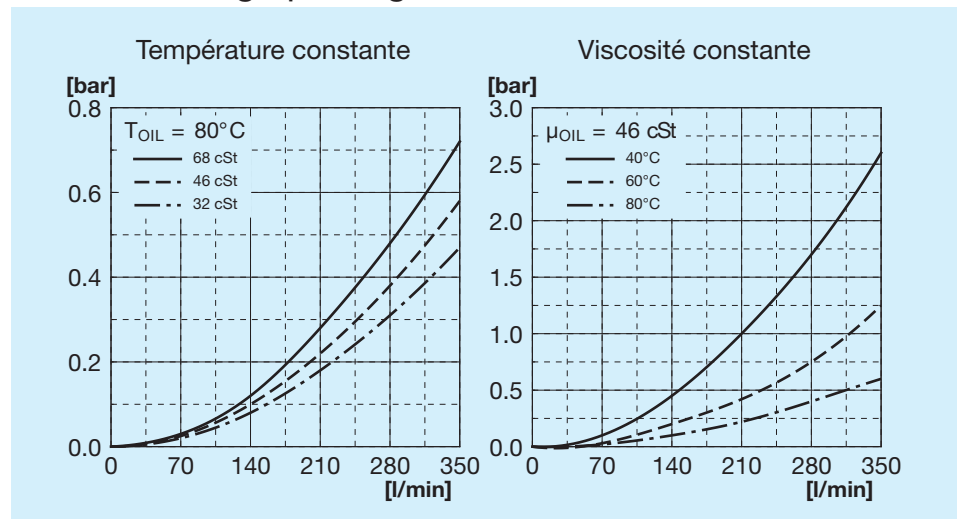


| Code        | Description                             | Ø Ventilateur<br>mm | Puissance<br>W | Fréquence<br>Hz | Vitesse<br>min <sup>-1</sup> | Pro-<br>tection<br>IP | L Max<br>mm | H<br>mm | Masse<br>Kg | Capacité<br>l |
|-------------|-----------------------------------------|---------------------|----------------|-----------------|------------------------------|-----------------------|-------------|---------|-------------|---------------|
| FR633243131 | A83 1EA 230V bypass T15 V.T. 6 bar 50°C | 630                 | 600            | 50              | 860                          | 54                    | 359         | 749     | 52          | 23            |
| FR633243132 | A83 1ES 230V bypass T15 V.T. 6 bar 50°C | 630                 | 600            | 50              | 860                          | 54                    | 359         | 749     | 52          | 23            |
| FR633241031 | A83 1EA 230V bypass T15 VNR 4,5 bar     | 630                 | 600            | 50              | 860                          | 54                    | 359         | 711     | 52          | 23            |
| FR633241032 | A83 1ES 230V bypass T15 VNR 4,5 bar     | 630                 | 600            | 50              | 860                          | 54                    | 359         | 711     | 52          | 23            |
| FR633243121 | A83 1EA 400V bypass T15 V.T. 6 bar 50°C | 630                 | 570<br>920     | 50<br>60        | 900<br>990                   | 54                    | 359         | 749     | 52          | 23            |
| FR633243122 | A83 1ES 400V bypass T15 V.T. 6 bar 50°C | 630                 | 640<br>790     | 50<br>60        | 890<br>1005                  | 54                    | 359         | 749     | 52          | 23            |
| FR633241021 | A83 1EA 400V bypass T15 VNR 4,5 bar     | 630                 | 570<br>920     | 50<br>60        | 900<br>990                   | 54                    | 359         | 711     | 52          | 23            |
| FR633241022 | A83 1ES 400V bypass T15 VNR 4,5 bar     | 630                 | 640<br>790     | 50<br>60        | 890<br>1005                  | 54                    | 359         | 711     | 52          | 23            |
| FR633240031 | A83 1EA 230V                            | 630                 | 600            | 50              | 860                          | 54                    | 359         | 710     | 52          | 23            |
| FR633240032 | A83 1ES 230V                            | 630                 | 600            | 50              | 860                          | 54                    | 359         | 710     | 52          | 23            |
| FR633240021 | A83 1EA 400V                            | 630                 | 570<br>920     | 50<br>60        | 900<br>990                   | 54                    | 359         | 710     | 52          | 23            |
| FR633240022 | A83 1ES 400V                            | 630                 | 640<br>790     | 50<br>60        | 890<br>1005                  | 54                    | 359         | 710     | 52          | 23            |

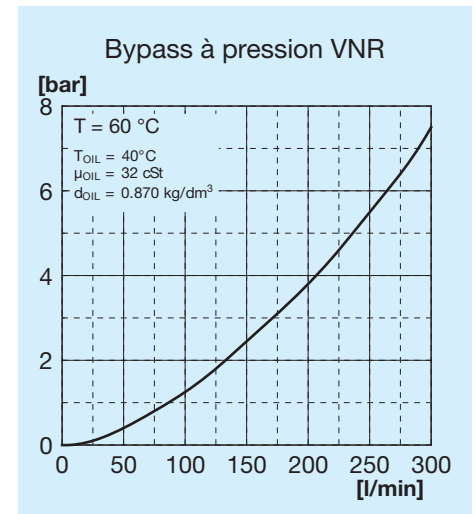
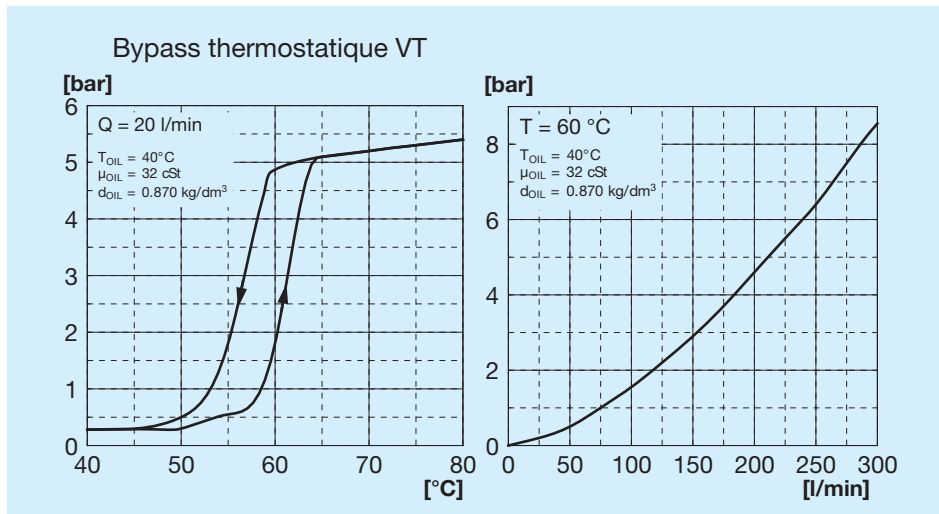
## Puissance thermique



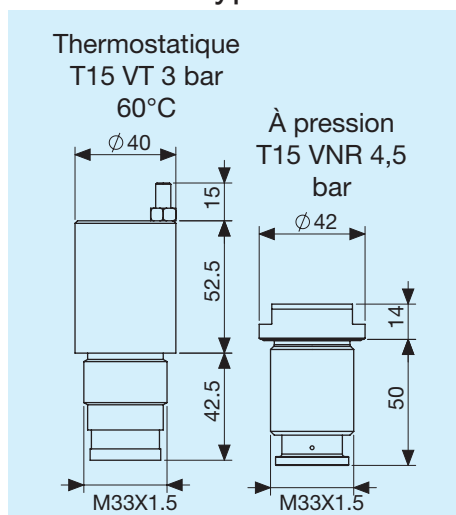
## Perte de charge passage radiateur



## Perte de charge passage bypass

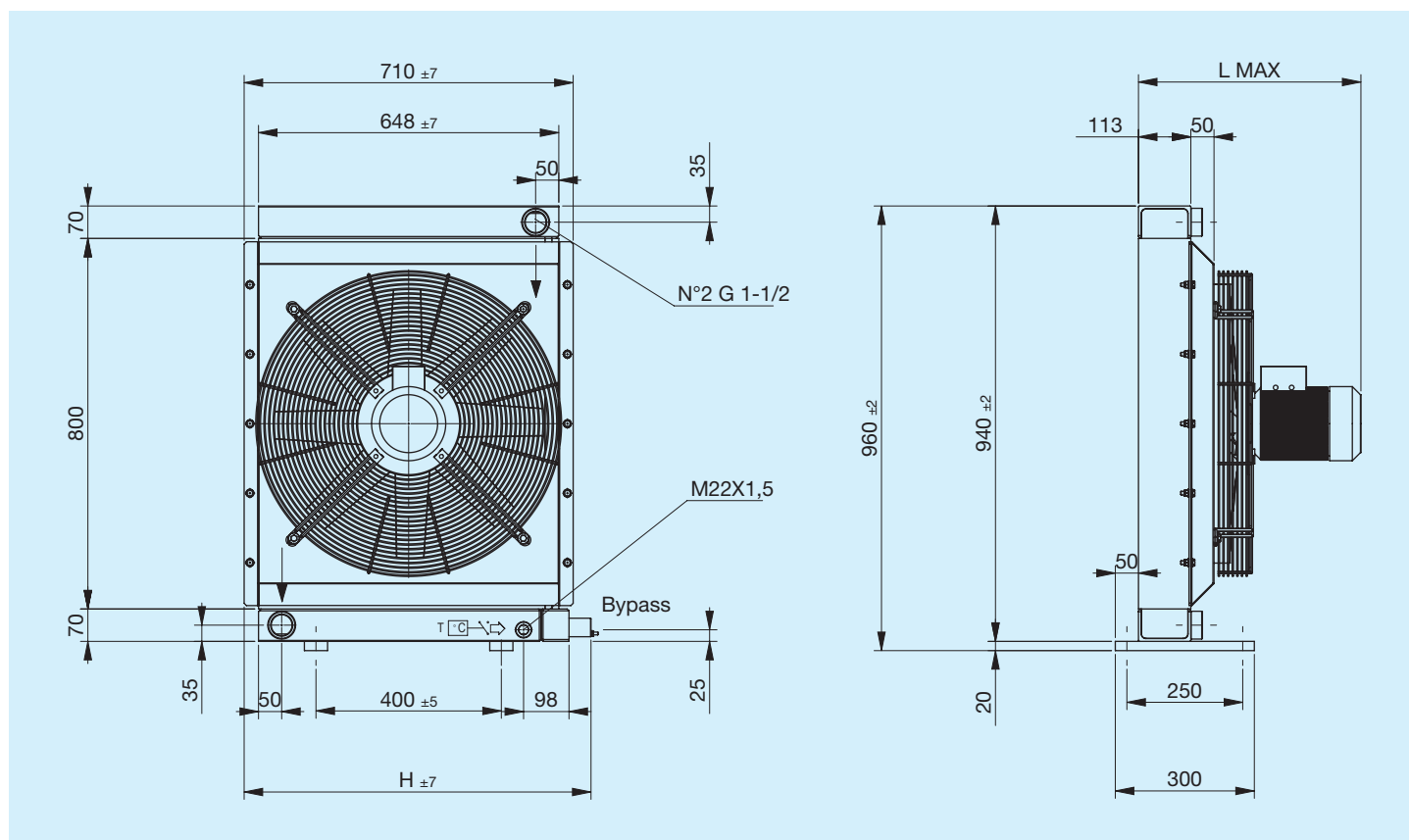


## Vannes de bypass



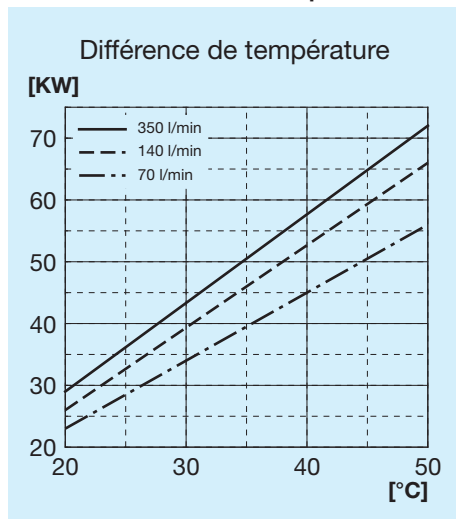
## Légende

|         |                                            |
|---------|--------------------------------------------|
| A56     | Type d'échangeur                           |
| 1E      | 1 Electroventilateur                       |
| AP      | Aspirant grande puissance                  |
| SP      | Soufflant grande puissance                 |
| AX      | Aspirant très grande puissance             |
| SX      | Soufflant très grande puissance            |
| 12V     | Tension electroventilateur                 |
| 24V     | Tension electroventilateur                 |
| T15 VT  | Vanne de bypass thermostats 3 bar 60u00b0C |
| T15 VNR | Vanne de bypass à pression 4,5 bar         |

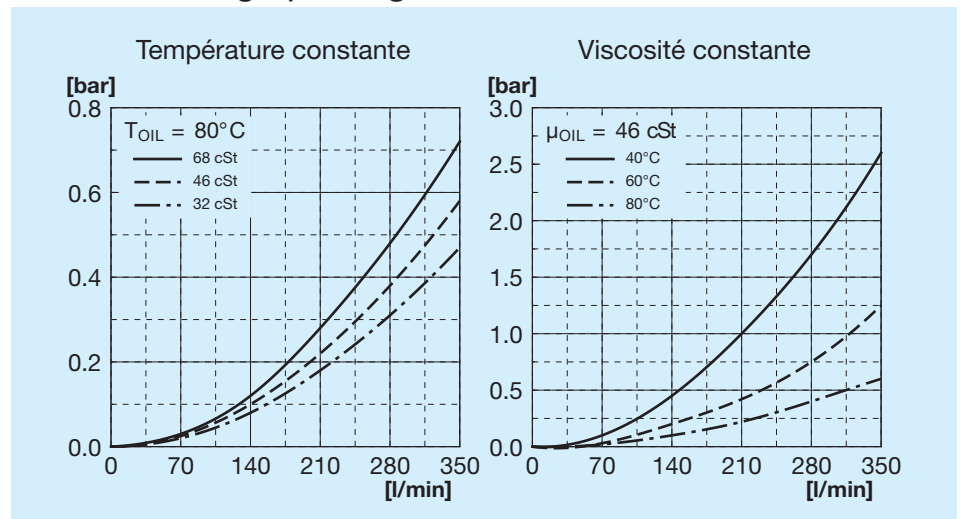


| Code        | Description                                 | Ø Ventilateur<br>mm | Puissance<br>W | Fréquence<br>Hz | Vitesse<br>min <sup>-1</sup> | Pro-<br>tection<br>IP | L Max<br>mm | H<br>mm | Masse<br>Kg | Capacité<br>l |
|-------------|---------------------------------------------|---------------------|----------------|-----------------|------------------------------|-----------------------|-------------|---------|-------------|---------------|
| FR633243141 | A83 1EA 220V-B14 bypass T15 V.T. 6 bar 50°C | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 749     | 60,5        | 23            |
| FR633243142 | A83 1EA 220V-B14 bypass T15 V.T. 6 bar 50°C | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 749     | 60,5        | 23            |
| FR633241041 | A83 1EA 220V-B14 bypass T15 VNR 4,5 bar     | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 711     | 60,5        | 23            |
| FR633241042 | A83 1EA 220V-B14 bypass T15 VNR 4,5 bar     | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 711     | 60,5        | 23            |
| FR633243151 | A83 1EA 380V-B14 bypass T15 V.T. 6 bar 50°C | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 749     | 60,5        | 23            |
| FR633243152 | A83 1ES 380V-B14 bypass T15 V.T. 6 bar 50°C | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 749     | 60,5        | 23            |
| FR633241051 | A83 1EA 380V-B14 bypass T15 VNR 4,5 bar     | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 711     | 60,5        | 23            |
| FR633241052 | A83 1ES 380V-B14 bypass T15 VNR 4,5 bar     | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 711     | 60,5        | 23            |
| FR633240041 | A83 1EA 220V-B14                            | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 710     | 60,5        | 23            |
| FR633240042 | A83 1ES 220V-B14                            | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 710     | 60,5        | 23            |
| FR633240051 | A83 1EA 380V-B14                            | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 710     | 60,5        | 23            |
| FR633240052 | A83 1ES 380V-B14                            | 580                 | 750            | 50              | 1390                         | 65                    | 477         | 710     | 60,5        | 23            |

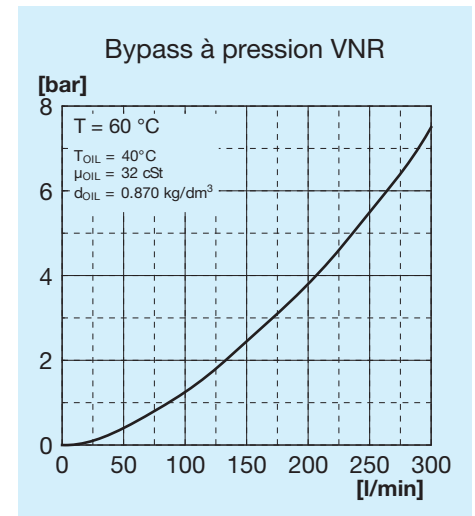
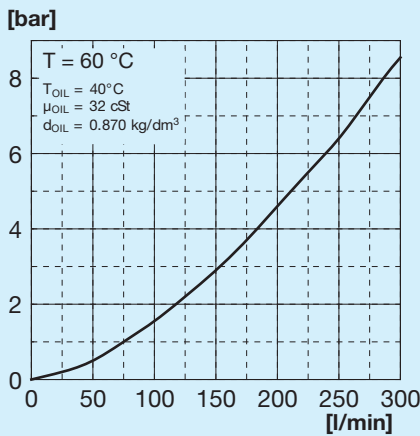
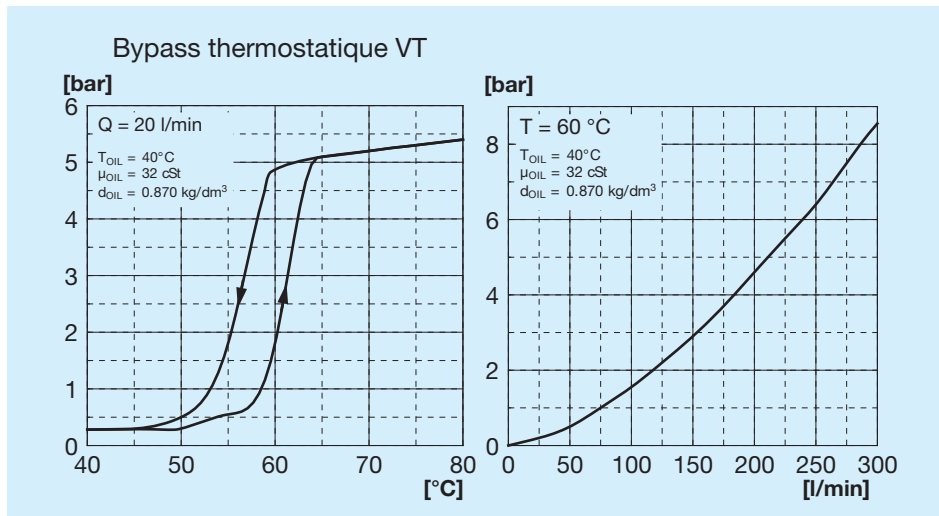
## Puissance thermique



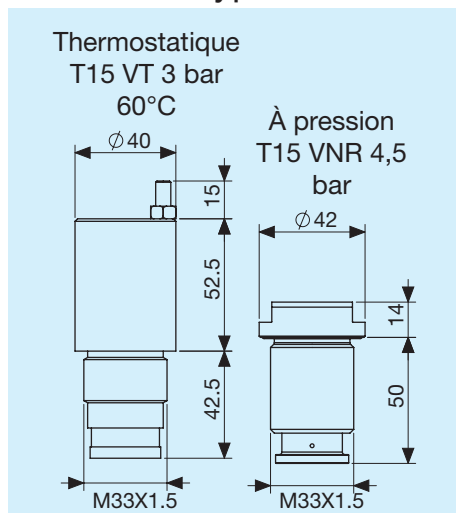
## Perte de charge passage radiateur



## Perte de charge passage bypass

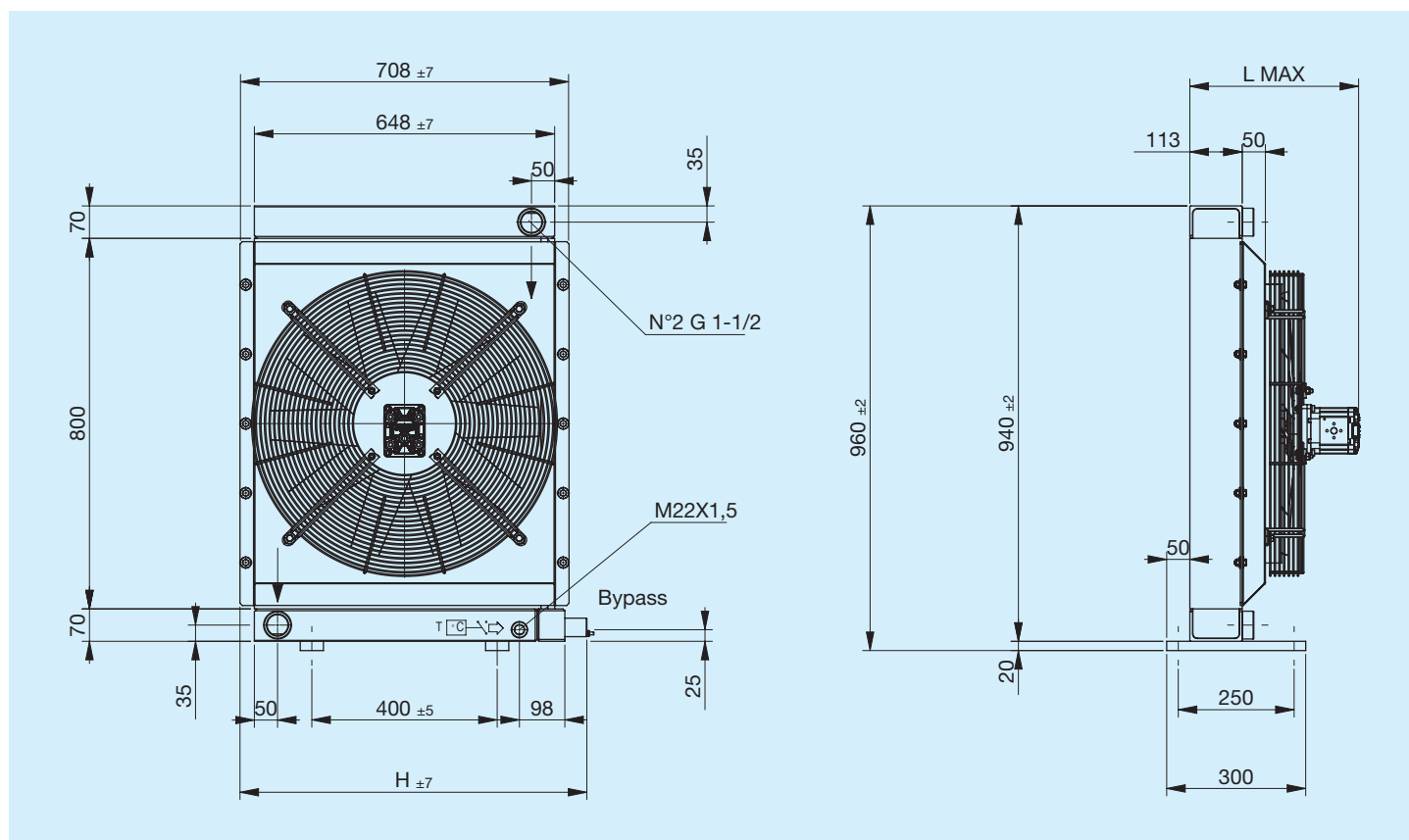


## Vannes de bypass



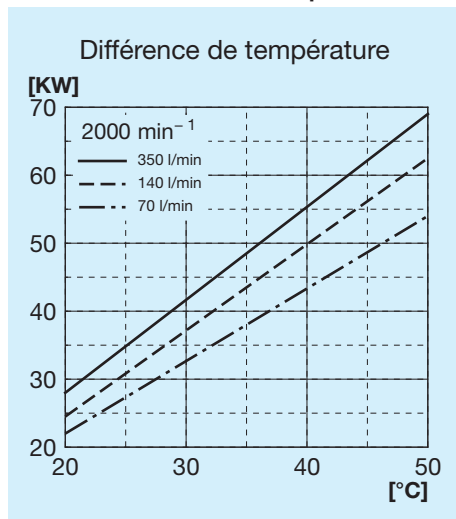
## Légende

|         |                                            |
|---------|--------------------------------------------|
| A56     | Type d'échangeur                           |
| 1E      | 1 Electroventilateur                       |
| AP      | Aspirant grande puissance                  |
| SP      | Soufflant grande puissance                 |
| AX      | Aspirant très grande puissance             |
| SX      | Soufflant très grande puissance            |
| 12V     | Tension electroventilateur                 |
| 24V     | Tension electroventilateur                 |
| T15 VT  | Vanne de bypass thermostats 3 bar 60u00b0C |
| T15 VNR | Vanne de bypass à pression 4,5 bar         |

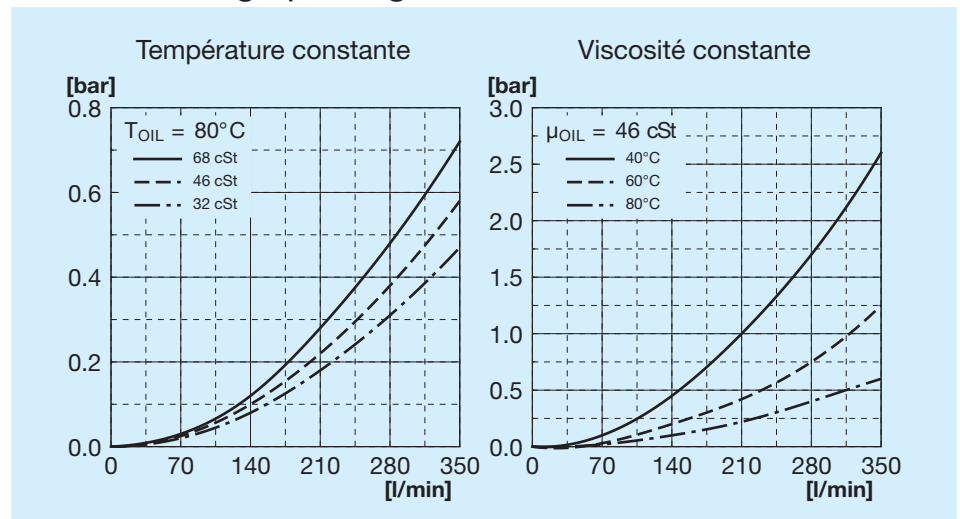


| Code | Description                                     | Ø Ventilateur<br>mm | Cylindrée<br>moteur<br>cm³/h | L Max<br>mm | H<br>mm | Masse<br>Kg | Capacité<br>l |
|------|-------------------------------------------------|---------------------|------------------------------|-------------|---------|-------------|---------------|
| 935  | A83 IA PRE-INST.GR2 bypass T15 V.T. 6 bar 50°C  | 580                 | —                            | 300         | 749     | 53          | 23            |
| 936  | A83 IS PRE-INST.GR2 bypass T15 V.T. 6 bar 50°C  | 580                 | —                            | 300         | 749     | 53          | 23            |
| 937  | A83 IA PRE-INST.GR2 bypass T15 VNR 4,5 bar      | 580                 | —                            | 300         | 711     | 53          | 23            |
| 938  | A83 IS PRE-INST.GR2 bypass T15 VNR 4,5 bar      | 580                 | —                            | 300         | 711     | 53          | 23            |
| 939  | A83 IA MOT.HYDR. GR2 bypass T15 V.T. 6 bar 50°C | 580                 | 11                           | 360         | 749     | 54          | 23            |
| 940  | A83 IS MOT.HYDR. GR2 bypass T15 V.T. 6 bar 50°C | 580                 | 11                           | 360         | 749     | 54          | 23            |
| 941  | A83 IA MOT.HYDR. GR2 bypass T15 VNR 4,5 bar     | 580                 | 11                           | 360         | 711     | 54          | 23            |
| 942  | A83 IS MOT.HYDR. GR2 bypass T15 VNR 4,5 bar     | 580                 | 11                           | 360         | 711     | 54          | 23            |
| 943  | A83 IA PRE-INST.GR2                             | 580                 | —                            | 300         | 710     | 53          | 23            |
| 944  | A83 IS PRE-INST.GR2                             | 580                 | —                            | 300         | 710     | 53          | 23            |
| 945  | A83 IA MOT.HYDR. GR2                            | 580                 | 11                           | 360         | 710     | 54          | 23            |
| 946  | A83 IS MOT.HYDR. GR2                            | 580                 | 11                           | 360         | 710     | 54          | 23            |

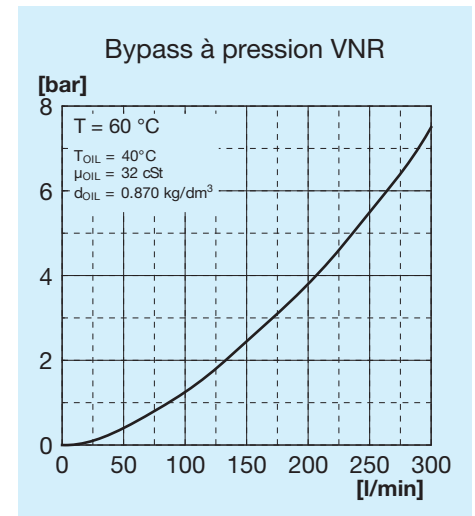
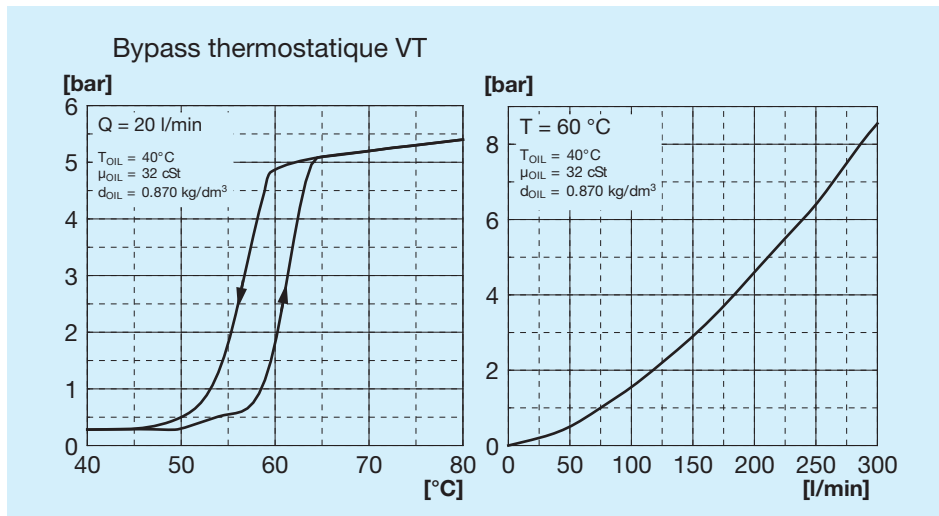
## Puissance thermique



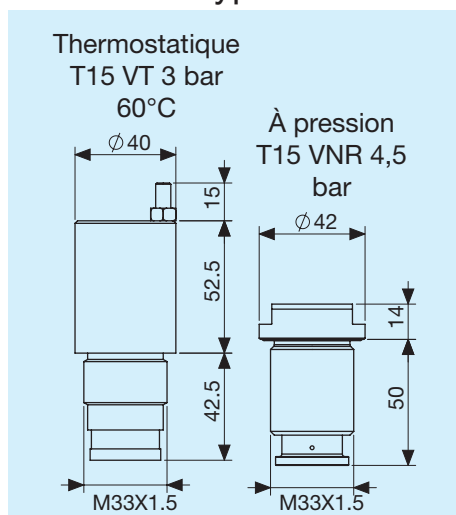
## Perte de charge passage radiateur



## Perte de charge passage bypass



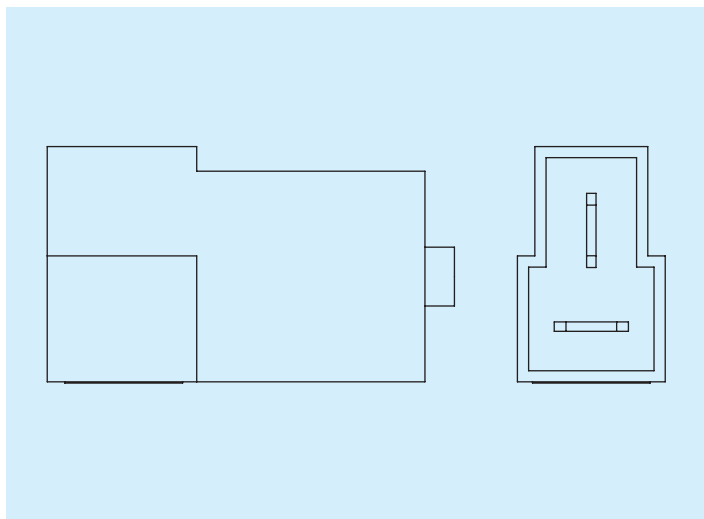
## Vannes de bypass



## Légende

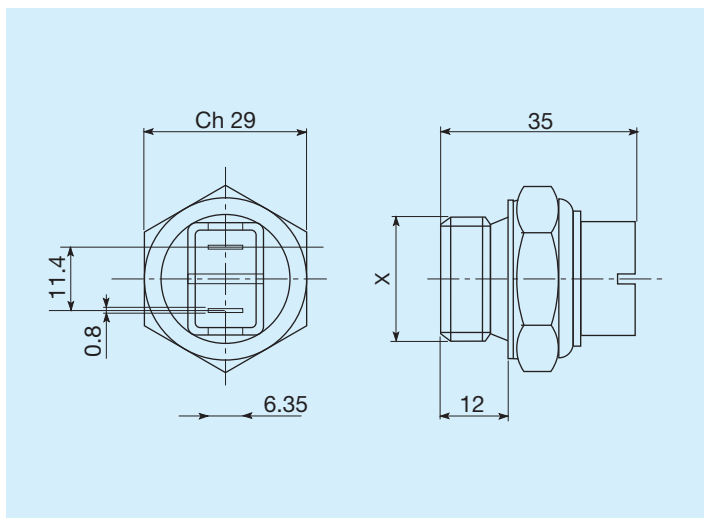
|         |                                            |
|---------|--------------------------------------------|
| A56     | Type d'échangeur                           |
| 1E      | 1 Electroventilateur                       |
| AP      | Aspirant grande puissance                  |
| SP      | Soufflant grande puissance                 |
| AX      | Aspirant très grande puissance             |
| SX      | Soufflant très grande puissance            |
| 12V     | Tension électroventilateur                 |
| 24V     | Tension électroventilateur                 |
| T15 VT  | Vanne de bypass thermostats 3 bar 60u00b0C |
| T15 VNR | Vanne de bypass à pression 4,5 bar         |

## Connecteur



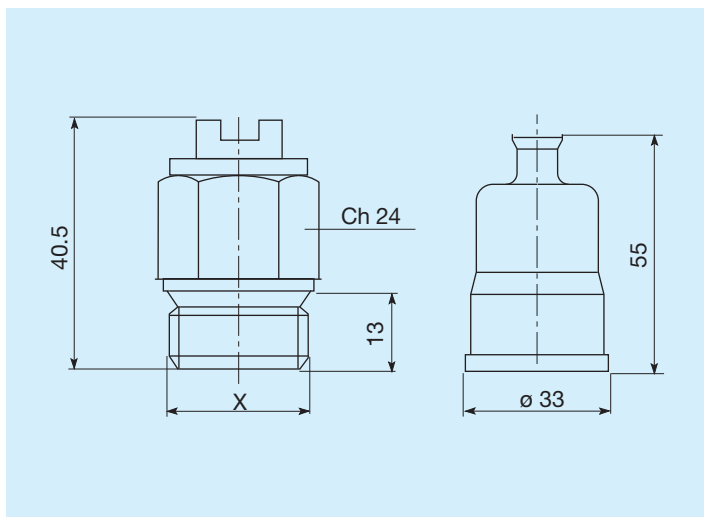
|                | Code   |
|----------------|--------|
| Connecteur AMP | 180908 |

## Thermostats



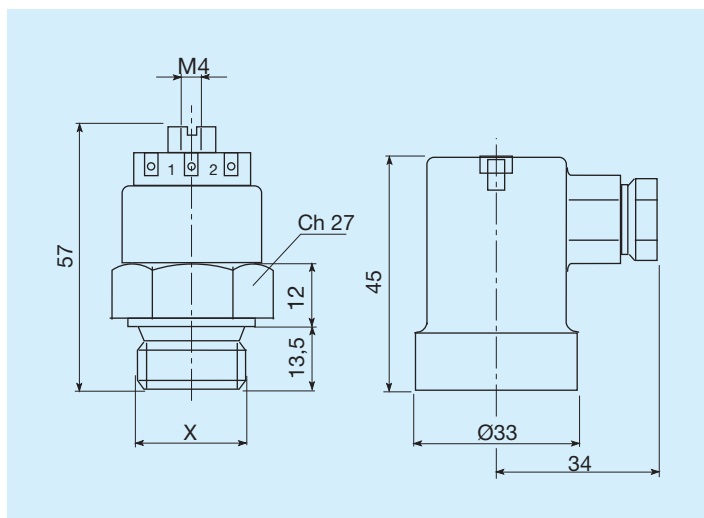
| Températures d'intervention °C |         | Code         |
|--------------------------------|---------|--------------|
| 45 - 35                        | M22x1,5 | FR 361104535 |
| 60 - 50                        | M22x1,5 | FR 361106050 |
| 80 - 70                        | M22x1,5 | FR 361108070 |
| 82 - 68                        | M22x1,5 | FR 361108268 |
| 85 - 76                        | M22x1,5 | FR 361108576 |

## Thermostats protégés IP54



| Températures d'intervention °C |         | Code         |
|--------------------------------|---------|--------------|
| 45 - 35                        | M22x1,5 | FR 361124535 |
| 50 - 40                        | M22x1,5 | FR 361125040 |
| 60 - 50                        | M22x1,5 | FR 361126050 |
| 70 - 60                        | M22x1,5 | FR 361127060 |
| 80 - 70                        | M22x1,5 | FR 361128070 |

## Thermostats protégés IP65



| Températures d'intervention °C |         | Code         |
|--------------------------------|---------|--------------|
| 45 - 35                        | M22x1,5 | FR 361154535 |
| 47 - 36                        | M22x1,5 | FR 361155040 |
| 60 - 50                        | M22x1,5 | FR 361156050 |
| 80 - 70                        | M22x1,5 | FR 361158070 |