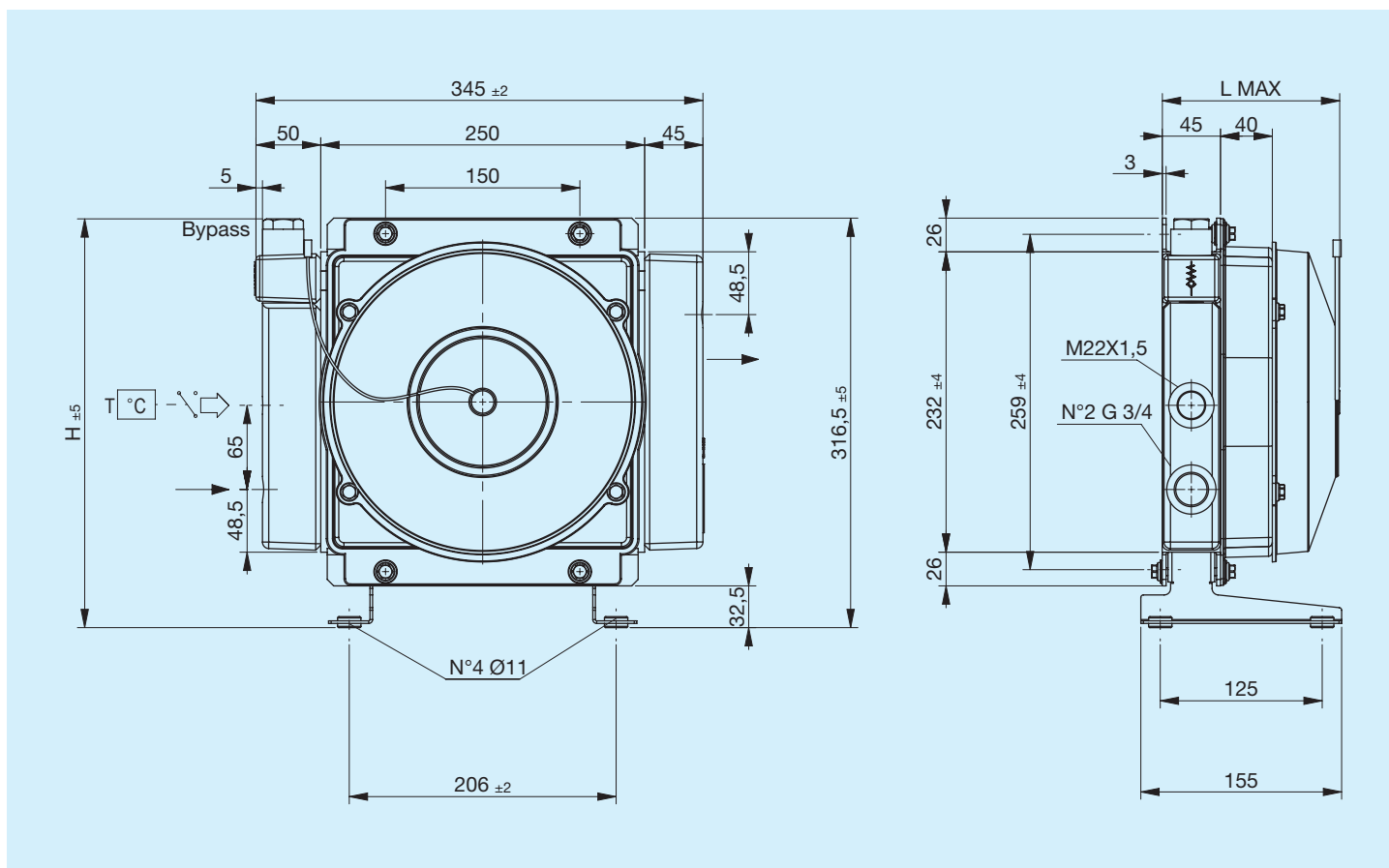


A20

398SAE004EN00

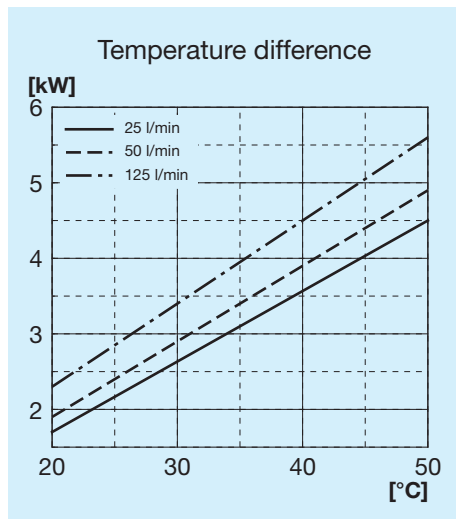


Before using the heat exchanger, carefully read the document entitled GENERAL INSTRUCTIONS FOR HEAT EXCHANGER USE.

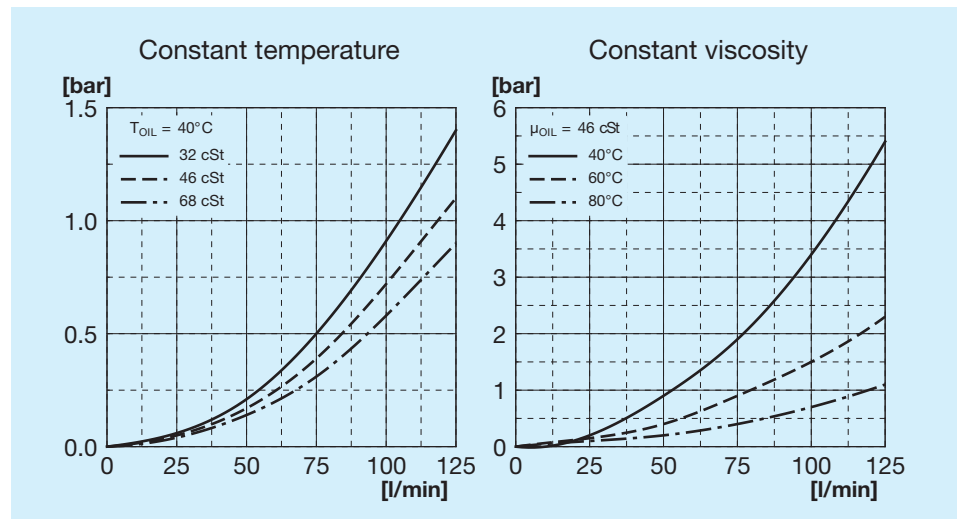


Code	Description	Ø Fan mm	Air flow m³/h	Voltage V	Amperage A	L Max mm	H mm	Weight Kg	Capacity l
1427	A20 1EAP 12V bypass T15 V.T. 3 bar 60°C	225	1060	12	7,1	140	317,5	4,7	1,45
1428	A20 1ESP 12V bypass T15 V.T. 3 bar 60°C	225	1060	12	7,1	140	317,5	4,7	1,45
1429	A20 1EAP 12V bypass T15 VNR 4.5 bar	225	1060	12	7,1	140	301,5	4,7	1,45
1430	A20 1ESP 12V bypass T15 VNR 4.5 bar	225	1060	12	7,1	140	301,5	4,7	1,45
1431	A20 1EAP 24V bypass T15 V.T. 3 bar 60°C	225	1060	24	3,5	140	317,5	4,7	1,45
1432	A20 1ESP 24V bypass T15 V.T. 3 bar 60°C	225	1060	24	3,5	140	317,5	4,7	1,45
1433	A20 1EAP 24V bypass T15 VNR 4.5 bar	225	1060	24	3,5	140	301,5	4,7	1,45
1434	A20 1ESP 24V bypass T15 VNR 4.5 bar	225	1060	24	3,5	140	301,5	4,7	1,45
1435	A20 1EAP 12V	225	1060	12	7,1	140	317,5	4,7	1,45
1436	A20 1ESP 12V	225	1060	12	7,1	140	317,5	4,7	1,45
1437	A20 1EAP 24V	225	1060	24	3,5	140	317,5	4,7	1,45
1438	A20 1ESP 24V	225	1060	24	3,5	140	317,5	4,7	1,45

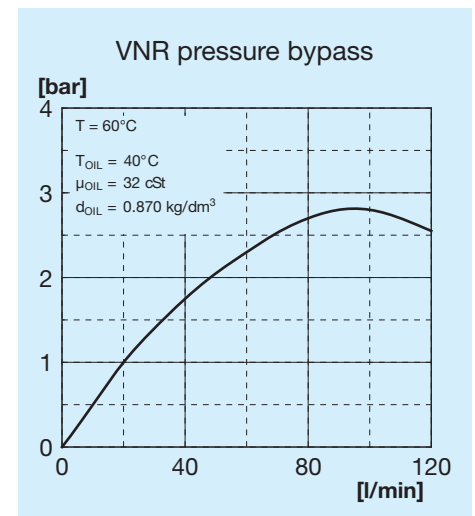
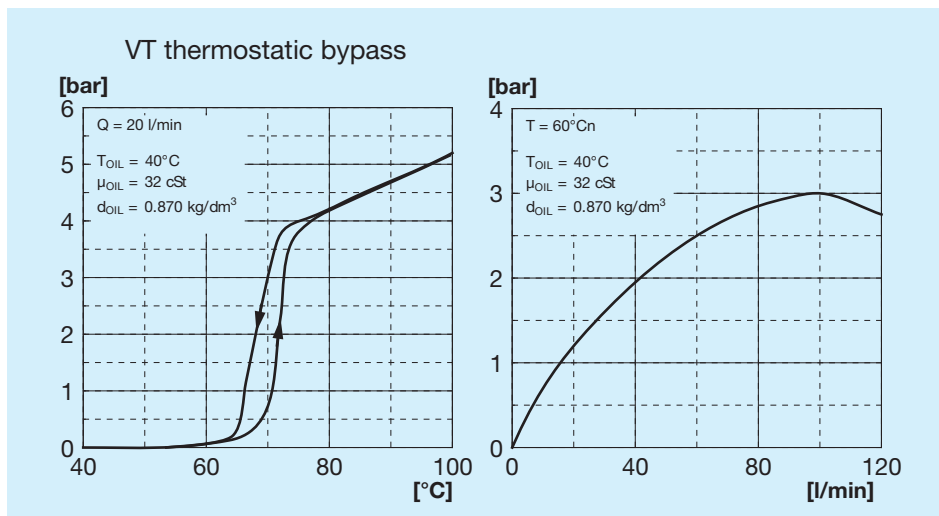
Heat exchange capacity



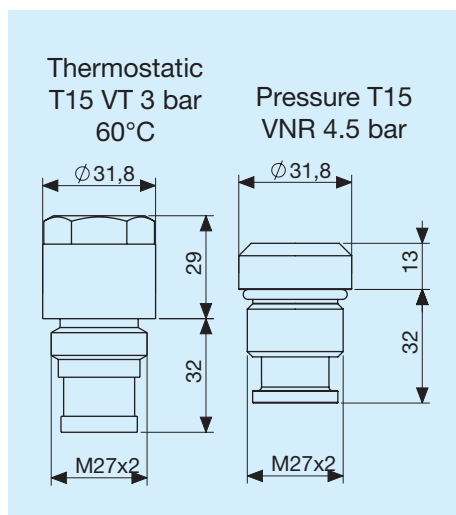
Radiator passage pressure drop



Bypass passage load loss

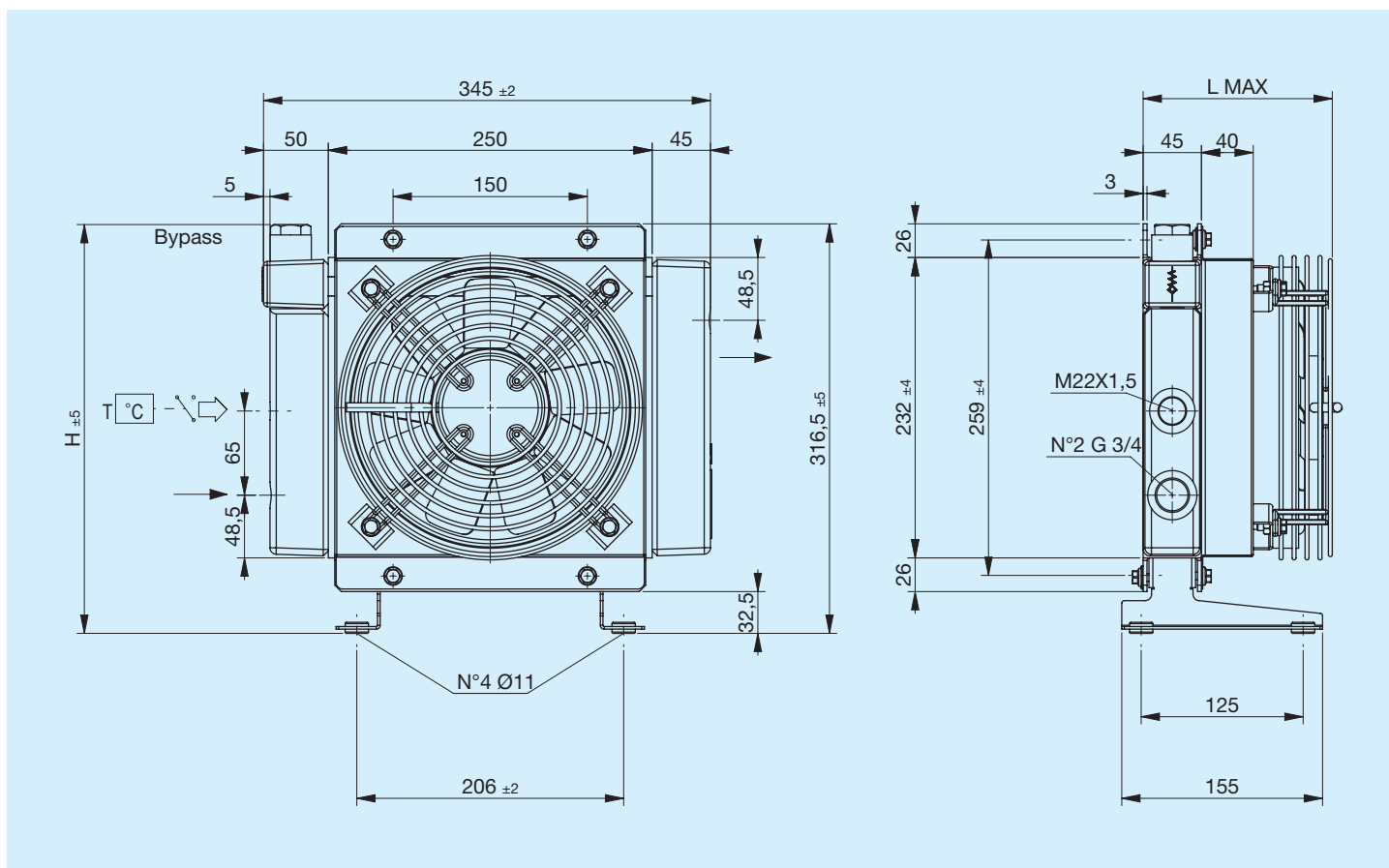


Bypass valves



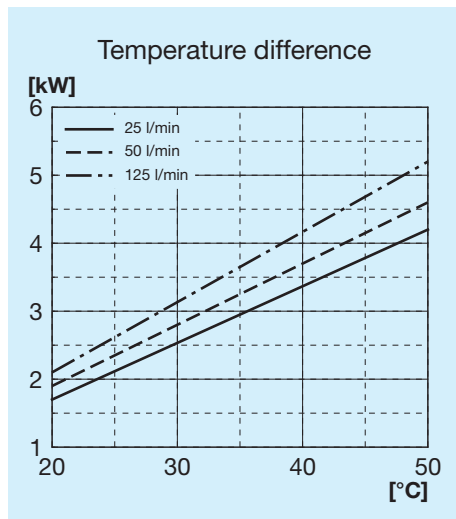
Legend

A20	Exchanger type
1E	1 Fan unit
AP	High power aspirating
SP	High power blower
AX	Extra high power aspirating
SX	Extra high power blower
12V	Fan unit voltage
24V	Fan unit voltage
T15 VT	Thermostatic bypass valve 3 bar 60°C
T15 VNR	Pressure bypass valve at 4.5 bar

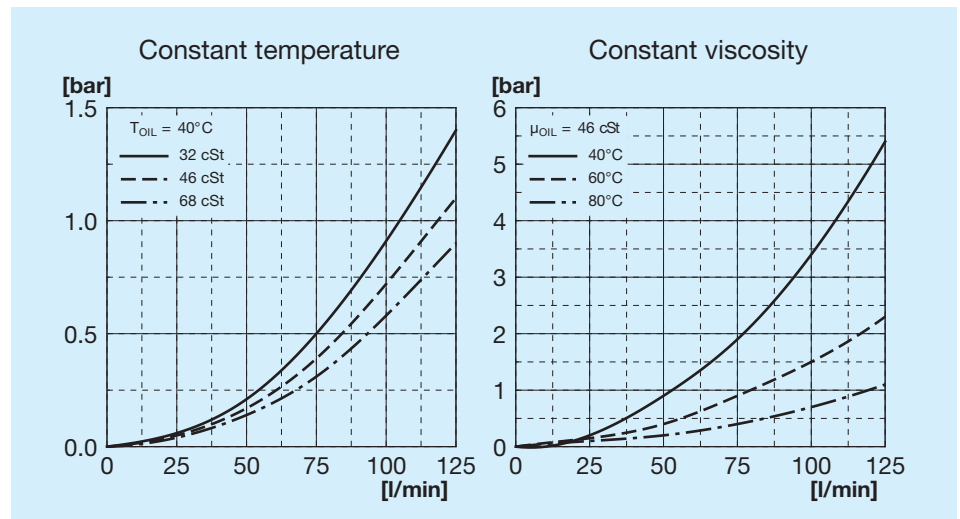


Code	Description	Ø Fan mm	Power W	Frequency Hz	Velocity min ⁻¹	IP Rating	L Max mm	H mm	Weight Kg	Capacity l
1439	A20 1EA 230V bypass T15 V.T. 3 bar 60°C	200	78	50 60	2600 2900	44	146	316	7	1,45
1440	A20 1ES 230V bypass T15 V.T. 3 bar 60°C	200	78	50 60	2600 2900	44	146	316	7	1,45
1441	A20 1EA 230V bypass T15 VNR 4.5 bar	200	78	50 60	2600 2900	44	146	300	7	1,45
1442	A20 1ES 230V bypass T15 VNR 4.5 bar	200	78	50 60	2600 2900	44	146	300	7	1,45
1443	A20 1EA 400V bypass T15 V.T. 3 bar 60°C	200	70	50 60	2600 2900	44	146	316	7	1,45
1444	A20 1ES 400V bypass T15 V.T. 3 bar 60°C	200	70	50 60	2600 2900	44	146	316	7	1,45
1445	A20 1EA 400V bypass T15 VNR 4.5 bar	200	70	50 60	2600 2900	44	146	300	7	1,45
1446	A20 1ES 400V bypass T15 VNR 4.5 bar	200	70	50 60	2600 2900	44	146	300	7	1,45
1447	A20 1EA 230V	200	78	50 60	2600 2900	44	146	317,5	7	1,45
1448	A20 1ES 230V	200	78	50 60	2600 2900	44	146	317,5	7	1,45
1449	A20 1EA 400V	200	70	50 60	2600 2900	44	146	317,5	7	1,45
1450	A20 1ES 400V	200	70	50 60	2600 2900	44	146	317,5	7	1,45

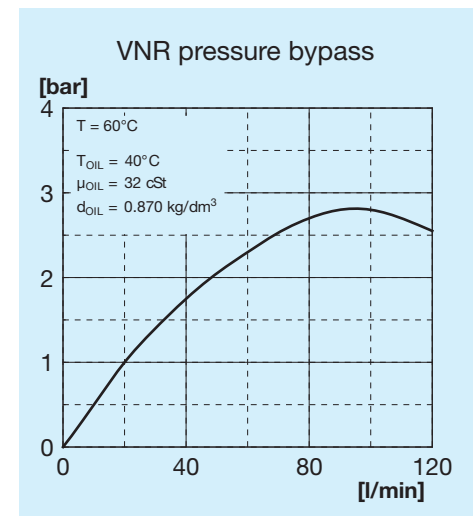
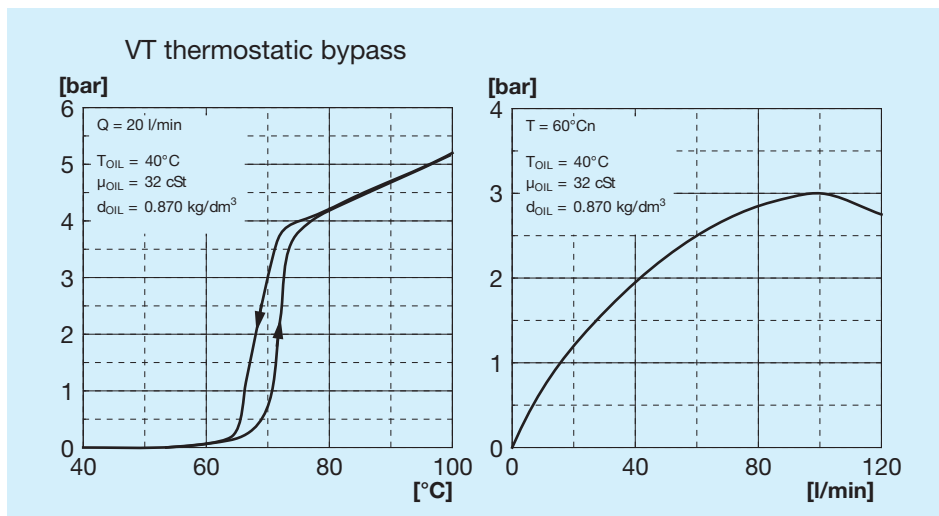
Heat exchange capacity



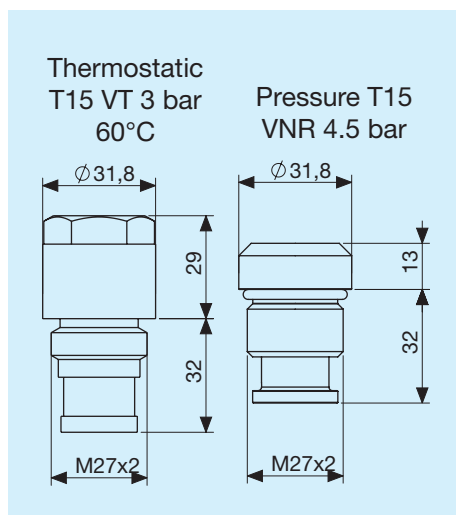
Radiator passage pressure drop



Bypass passage load loss

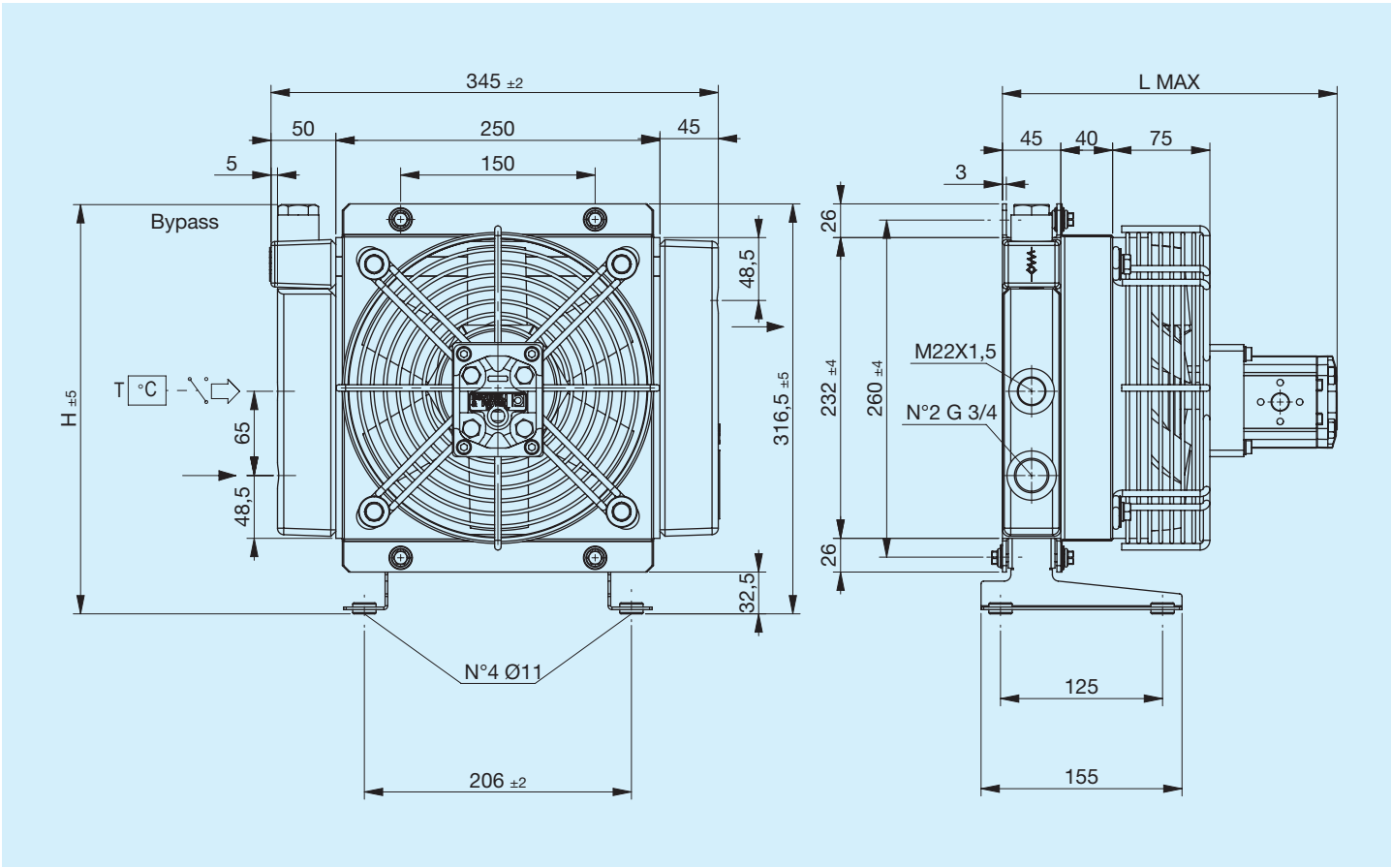


Bypass valves



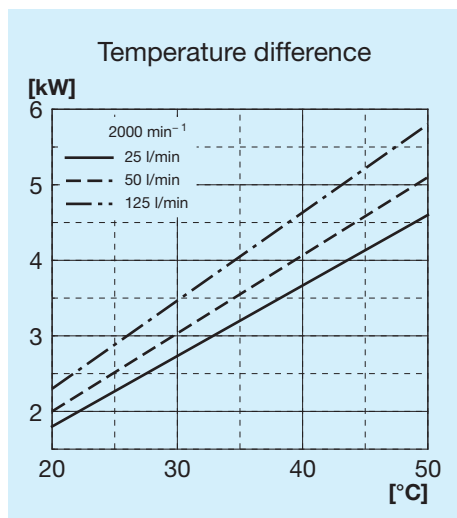
Legend

A20	Exchanger type
1E	1 Fan unit
AP	High power aspirating
SP	High power blower
AX	Extra high power aspirating
SX	Extra high power blower
12V	Fan unit voltage
24V	Fan unit voltage
T15 VT	Thermostatic bypass valve 3 bar 60°C
T15 VNR	Pressure bypass valve at 4.5 bar

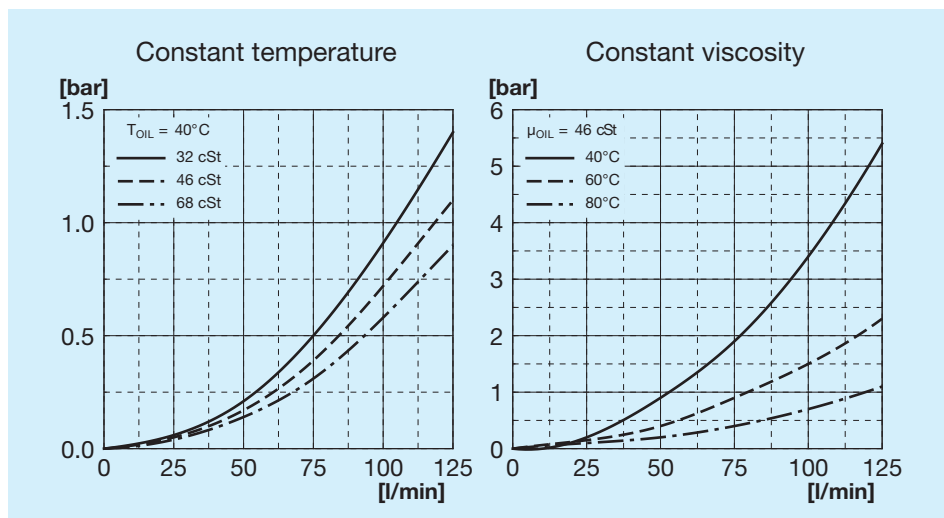


Code	Description	Ø Fan mm	Displacement motors cm3/h	L Max mm	H mm	Weight Kg	Capacity l
1451	A20 IA MOT. IDR. GR1 bypass T15 V.T. 3 bar 60°C	220	6	255	316	7	1.45
1452	A20 IS MOT. IDR. GR1 bypass T15 V.T. 3 bar 60°C	220	6	255	316	7	1.45
1453	A20 IA MOT. IDR. GR1 bypass T15 VNR 4.5 bar	220	6	255	300	7	1.45
1454	A20 IS MOT. IDR. GR1 bypass T15 VNR 4.5 bar	220	6	255	300	7	1.45
1455	A20 IA MOT. IDR. GR1	220	6	255	317.5	7	1.45
1456	A20 IS MOT. IDR. GR1	220	6	255	317.5	7	1.45

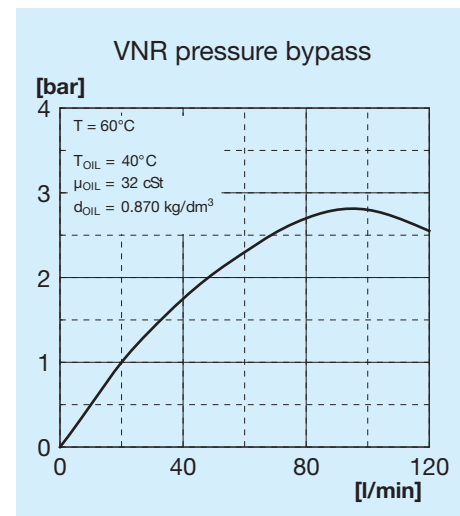
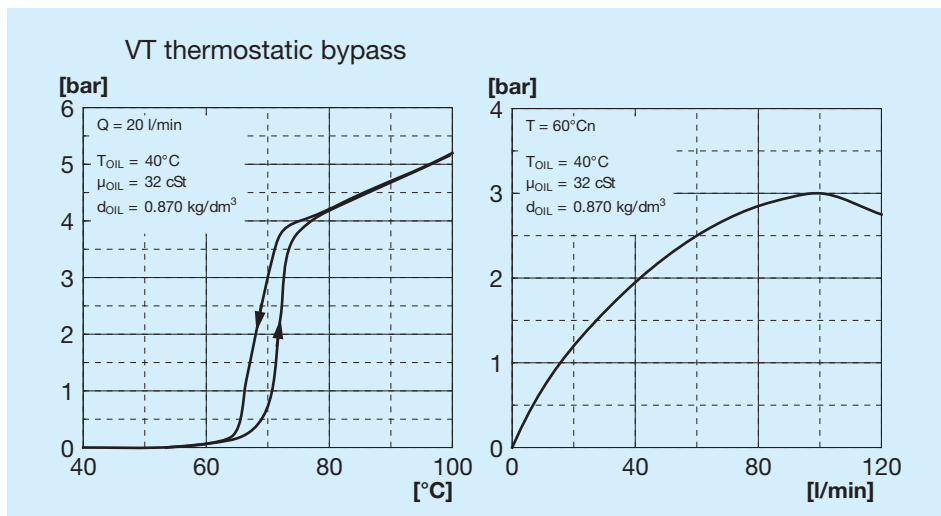
Heat exchange capacity



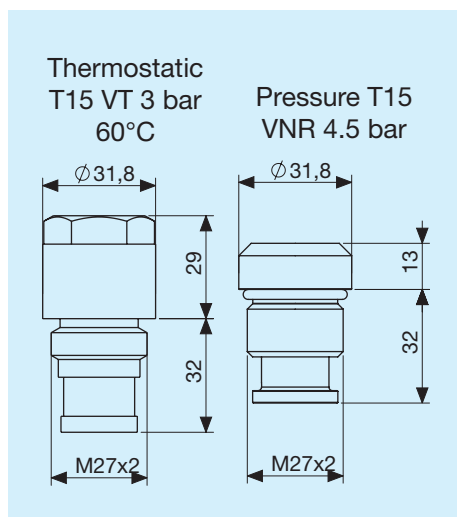
Radiator passage pressure drop



Bypass passage load loss



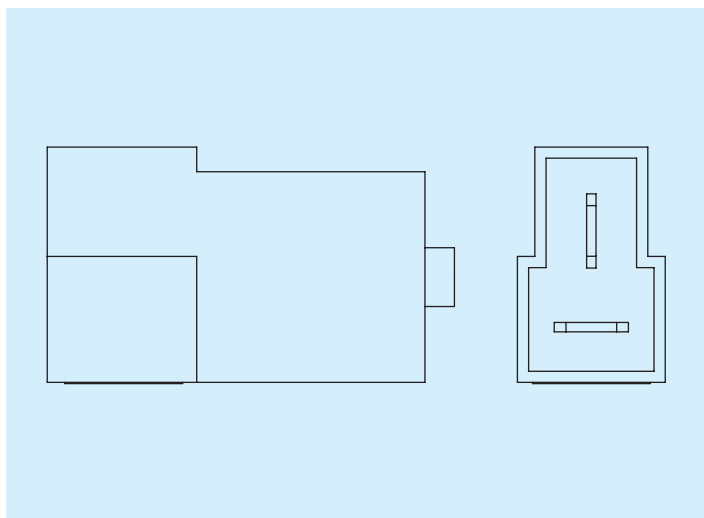
Bypass valves



Legend

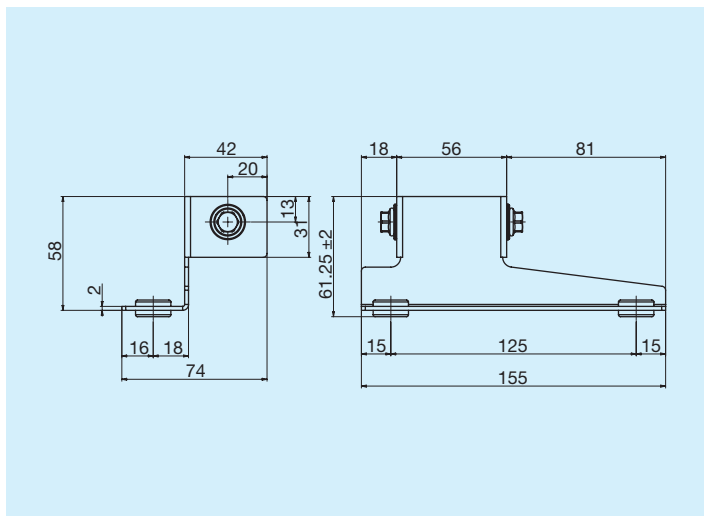
A20	Exchanger type
1E	1 Fan unit
AP	High power aspirating
SP	High power blower
AX	Extra high power aspirating
SX	Extra high power blower
12V	Fan unit voltage
24V	Fan unit voltage
T15 VT	Thermostatic bypass valve 3 bar 60°C
T15 VNR	Pressure bypass valve at 4.5 bar

Connector



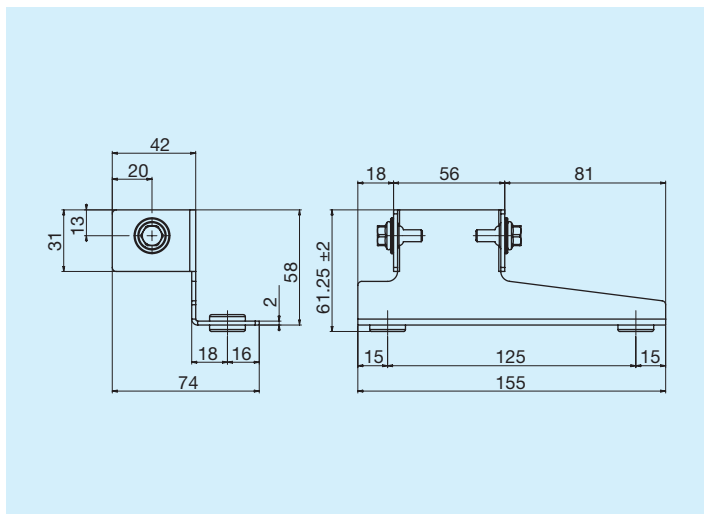
	Code
AMP connector	180908

Left supporting foot



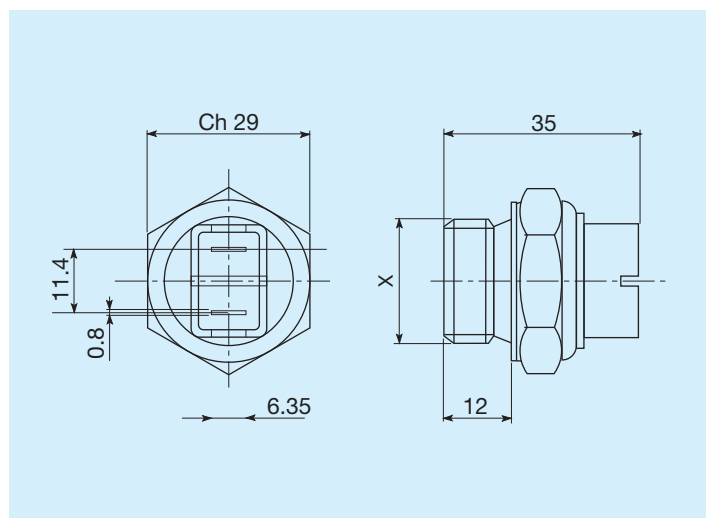
	Code
Left supporting foot	FR290000011

Right supporting foot



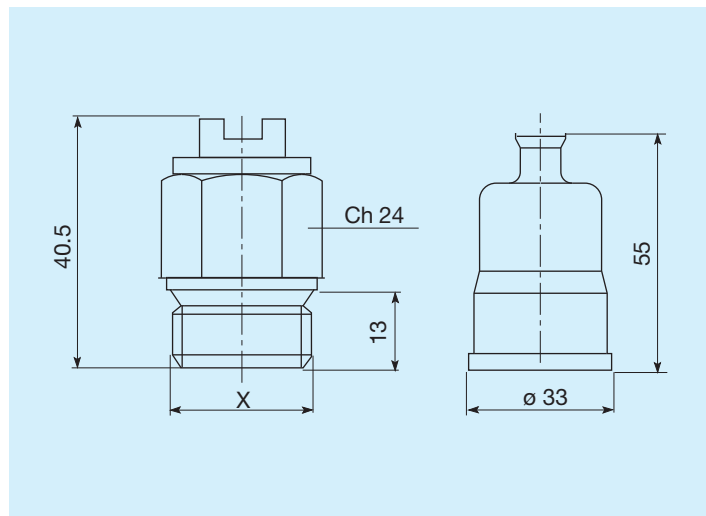
	Code
Right supporting foot	FR290000012

Thermostats



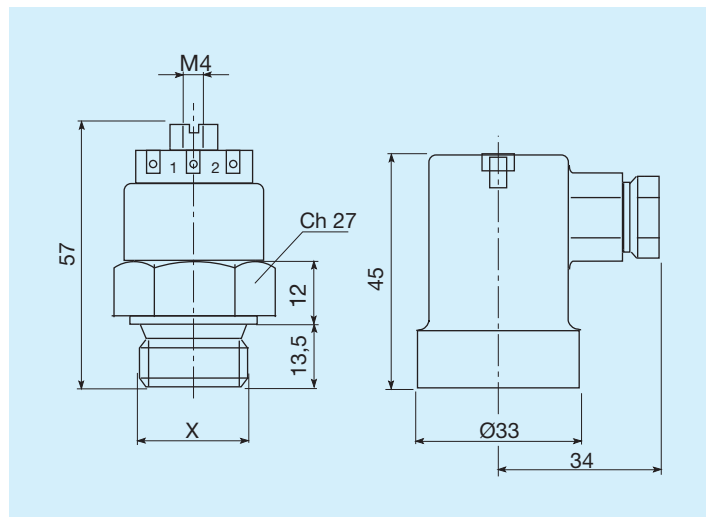
Trigger temperature °C		Code
45 - 35	M22x1.5	FR 361104535
60 - 50	M22x1.5	FR 361106050
80 - 70	M22x1.5	FR 361108070
82 - 68	M22x1.5	FR 361108268
85 - 76	M22x1.5	FR 361108576

IP54 protected thermal switch



Trigger temperature °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

IP65 protected thermal switch



Trigger temperature °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