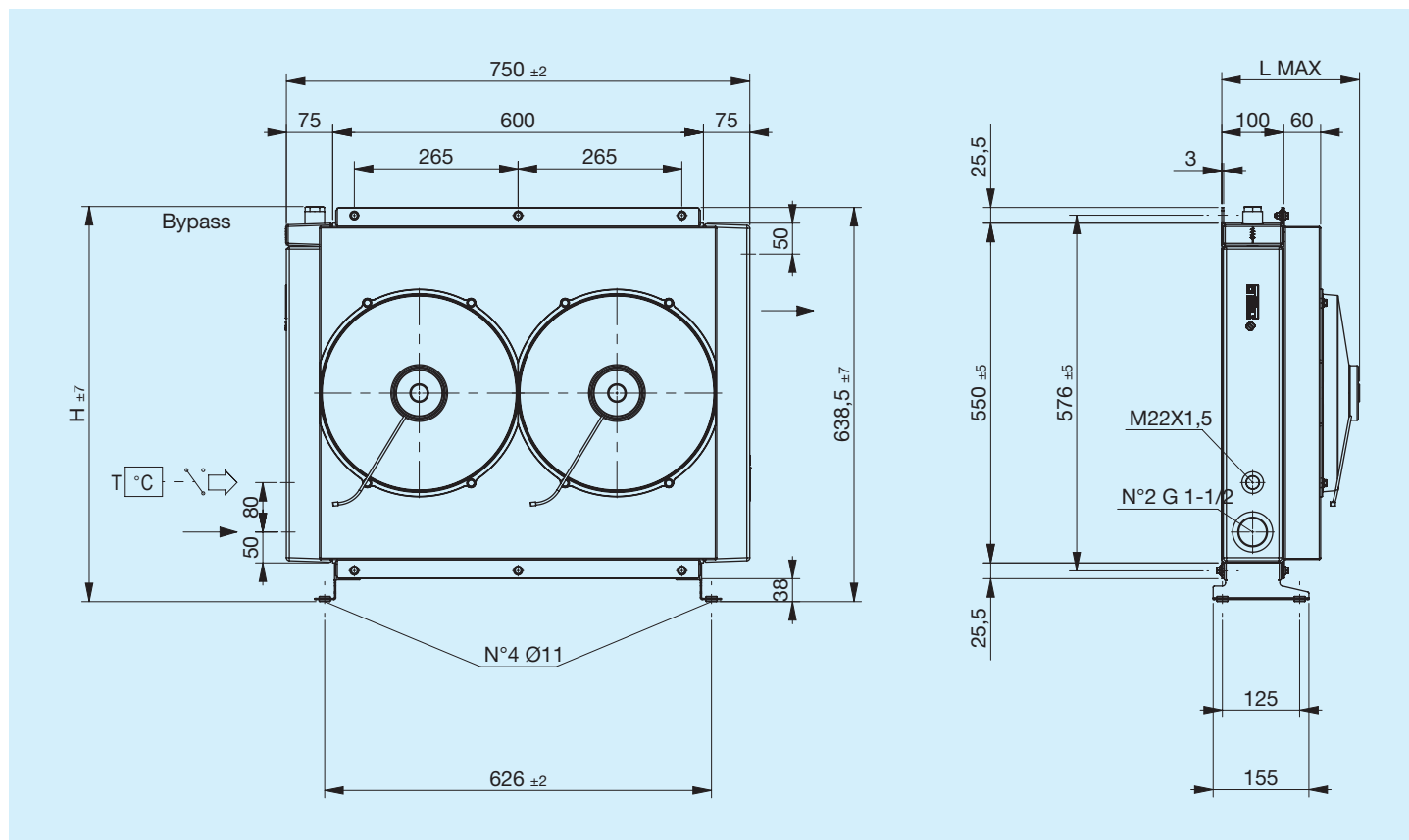


A75

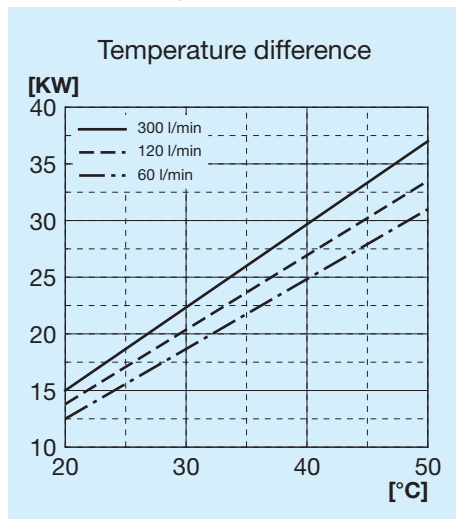


Before using the heat exchanger, carefully read the document entitled GENERAL OPERATING INSTRUCTIONS FOR HEAT EXCHANGER USE

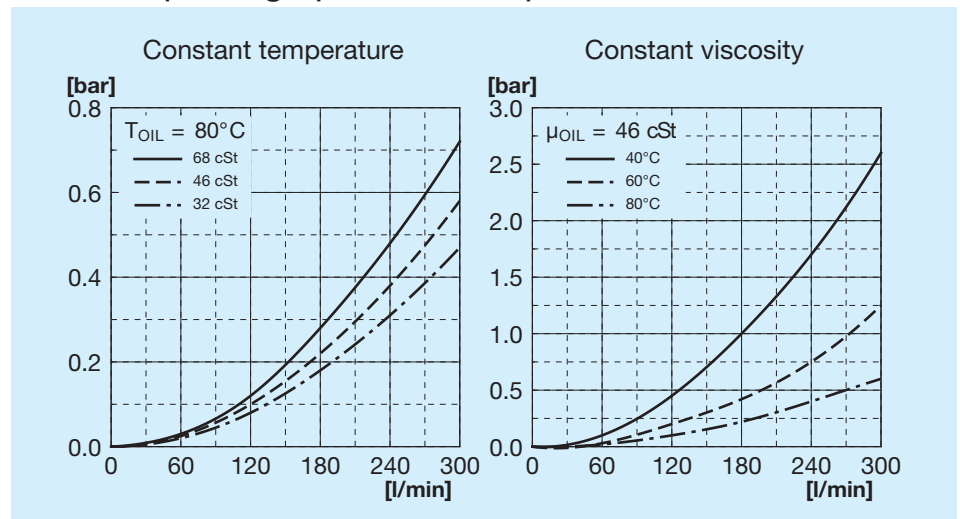


Code	Description	ΦFan mm	Air flow m³/h	Voltage V	Ampe- rage A	L Max mm	H mm	Weight Kg	Capacity l
FR633143103	A75 2EAP 12V bypass T15 V.T. 3 bar 60°C	2X305	2X2080	12	2X12	225	640	24	14
FR633143104	A75 2ESP 12V bypass T15 V.T. 3 bar 60°C	2X305	2X2080	12	2X12	225	640	24	14
FR633141003	A75 2EAP 12V bypass T15 VNR 4.5 bar	2X305	2X2080	12	2X12	225	624	24	14
FR633141004	A75 2ESP 12V bypass T15 VNR 4.5 bar	2X305	2X2080	12	2X12	225	624	24	14
FR633143113	A75 2EAP 24V bypass T15 V.T. 3 bar 60°C	2X305	2X2080	24	2X6	225	640	24	14
FR633143114	A75 2ESP 24V bypass T15 V.T. 3 bar 60°C	2X305	2X2080	24	2X6	225	640	24	14
FR633141013	A75 2EAP 24V bypass T15 VNR 4.5 bar	2X305	2X2080	24	2X6	225	624	24	14
FR633141014	A75 2ESP 24V bypass T15 VNR 4.5 bar	2X305	2X2080	24	2X6	225	624	24	14
FR633140003	A75 2EAP 12V	2X305	2X2080	12	2X12	225	638	24	14
FR633140004	A75 2ESP 12V	2X305	2X2080	12	2X12	225	638	24	14
FR633140013	A75 2EAP 24V	2X305	2X2080	24	2X6	225	638	24	14
FR633140014	A75 2ESP 24V	2X305	2X2080	24	2X6	225	638	24	14

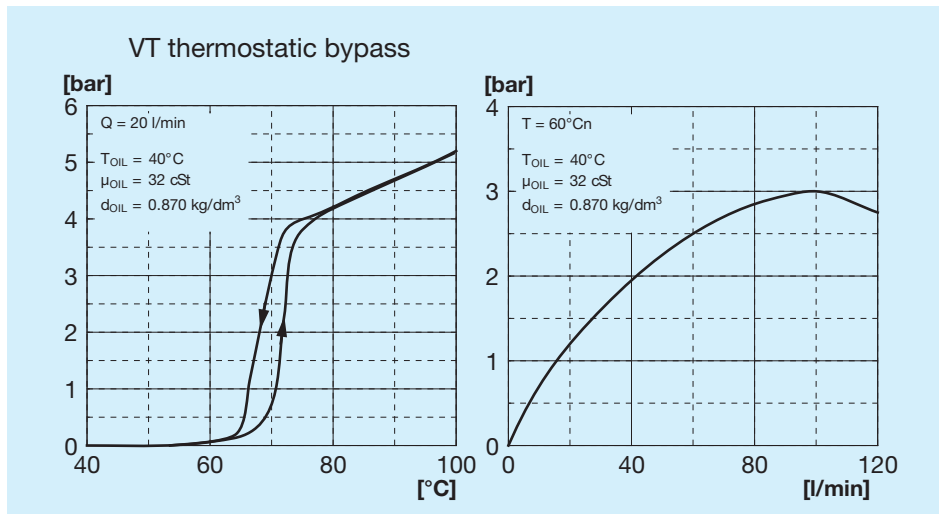
Heat exchange (thermal) capacity



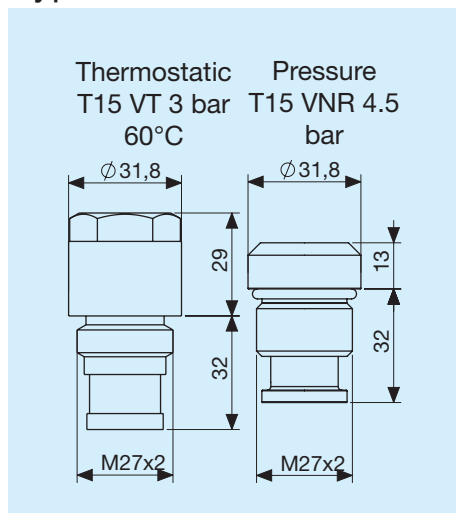
Radiator passage pressure drop



Bypass passage load loss

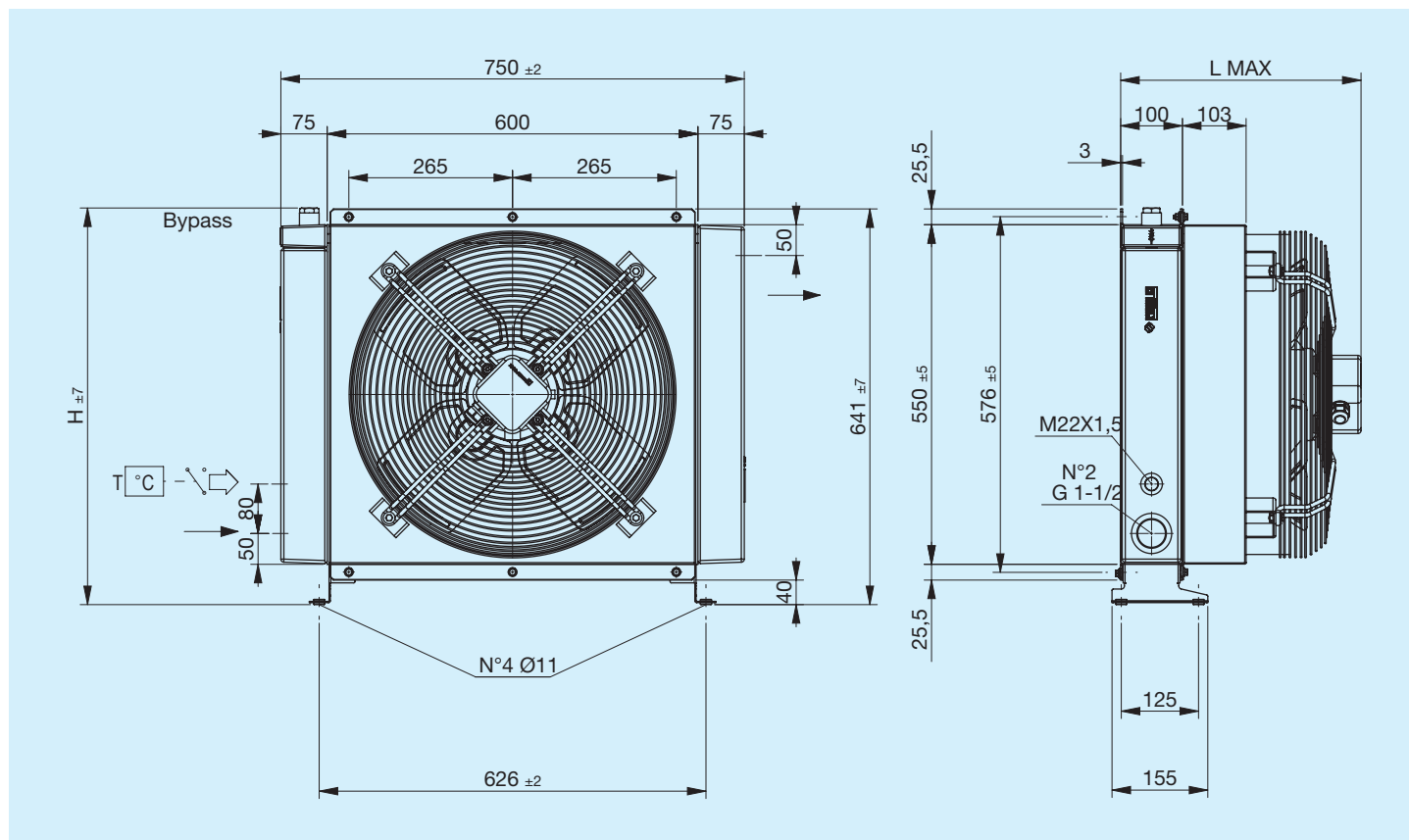


Bypass valves



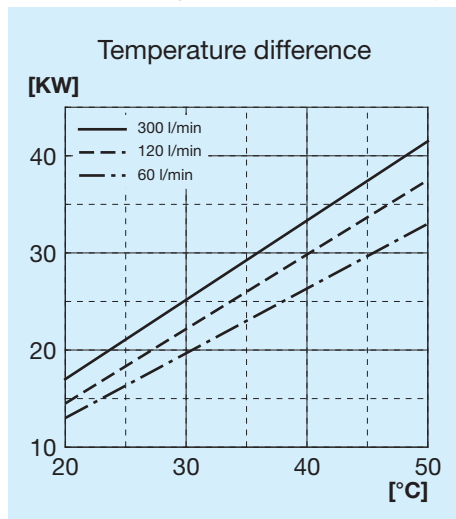
Legend

A56	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 60u00b0C
T15 VNR	Pressure bypass valve at 4.5 bar

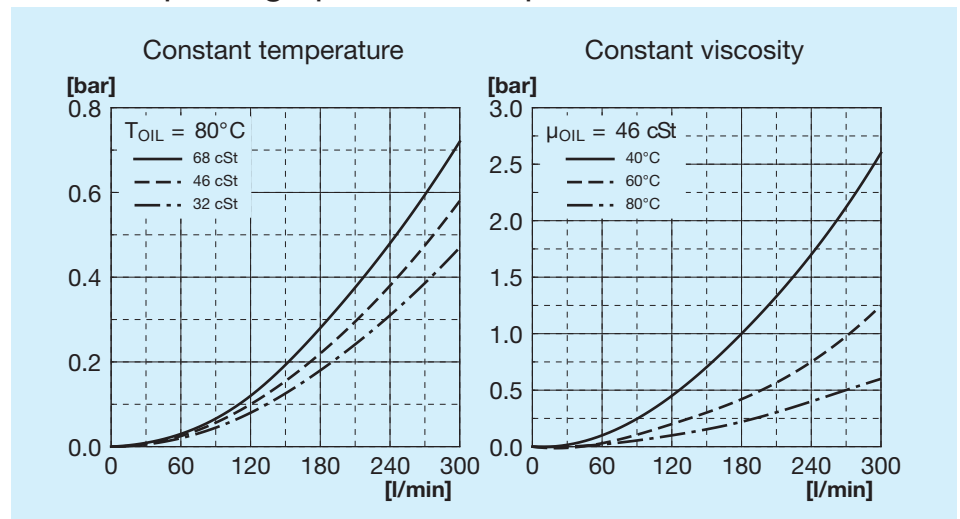


Code	Description	ΦFan mm	Power W	Frequen- cy Hz	Velocity min ⁻¹	IP Rating	L Max mm	H mm	Weight Kg	Capacity l
FR633143131	A75 1EA 230V bypass T15 V.T. 3 bar 60°C	500	640 720	50 60	1180 1300	44	269	642	25	14
FR633143132	A75 1ES 230V bypass T15 V.T. 3 bar 60°C	500	780 1100	50 60	1250 1280	44	269	642	25	14
FR633141031	A75 1EA 230V bypass T15 VNR 4.5 bar	500	640 720	50 60	1180 1300	44	269	626	25	14
FR633141032	A75 1ES 230V bypass T15 VNR 4.5 bar	500	780 1100	50 60	1250 1280	44	269	626	25	14
FR633143121	A75 1EA 400V bypass T15 V.T. 3 bar 60°C	500	750	50	1390	44	269	642	25	14
FR633143122	A75 1ES 400V bypass T15 V.T. 3 bar 60°C	500	750	50	1390	44	269	642	25	14
FR633141021	A75 1EA 400V bypass T15 VNR 4.5 bar	500	750	50	1390	44	269	626	25	14
FR633141022	A75 1ES 400V bypass T15 VNR 4.5 bar	500	750	50	1390	44	269	626	25	14
FR633140031	A75 1EA 230V	500	640 720	50 60	1180 1300	44	269	638	25	14
FR633140032	A75 1ES 230V	500	780 1100	50 60	1250 1280	44	269	638	25	14
FR633140021	A75 1EA 400V	500	750	50	1390	44	269	638	25	14
FR633140022	A75 1ES 400V	500	750	50	1390	44	269	638	25	14

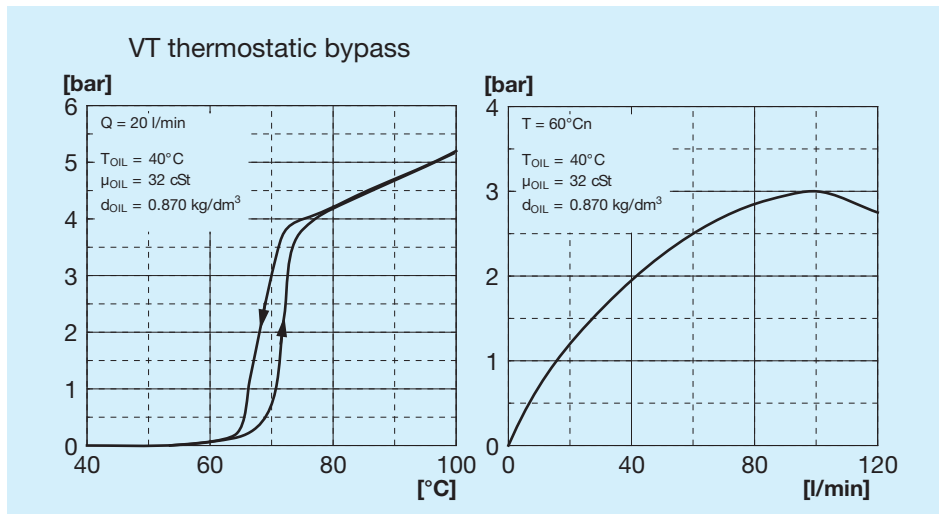
Heat exchange (thermal) capacity



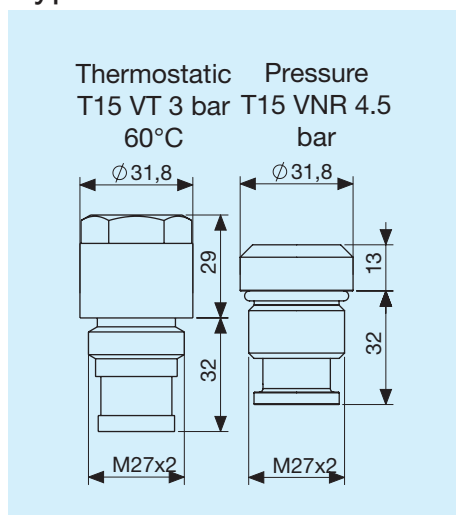
Radiator passage pressure drop



Bypass passage load loss

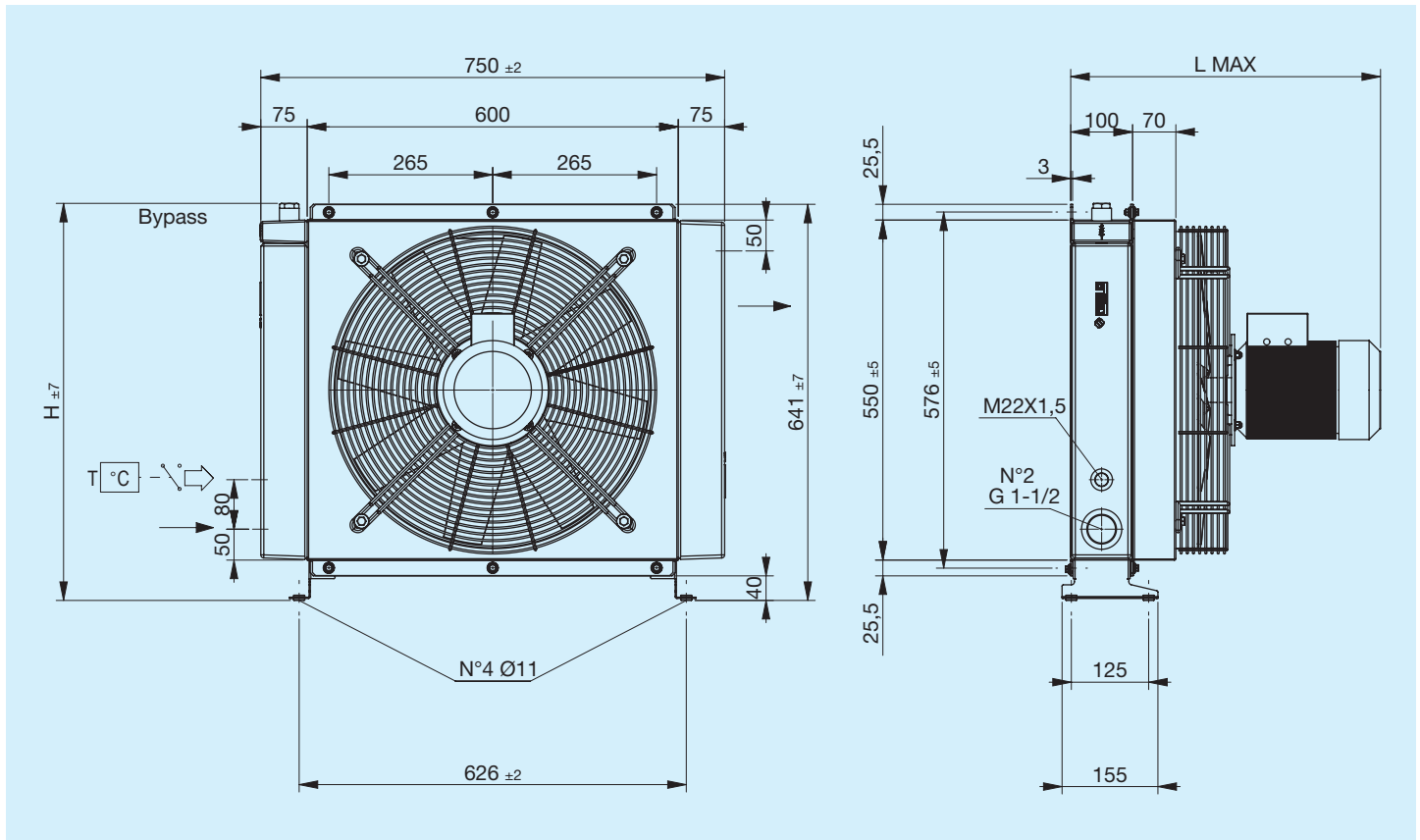


Bypass valves



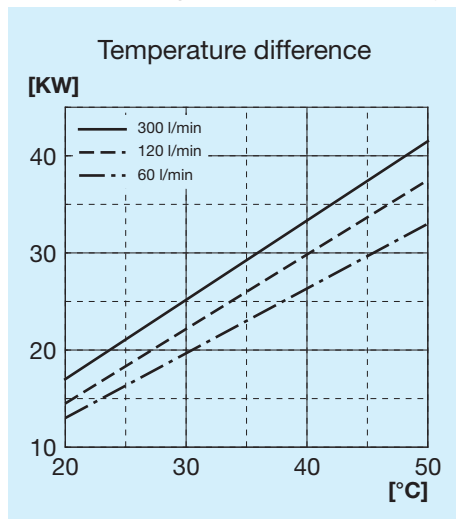
Legend

A56	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 60u00b0C
T15 VNR	Pressure bypass valve at 4.5 bar

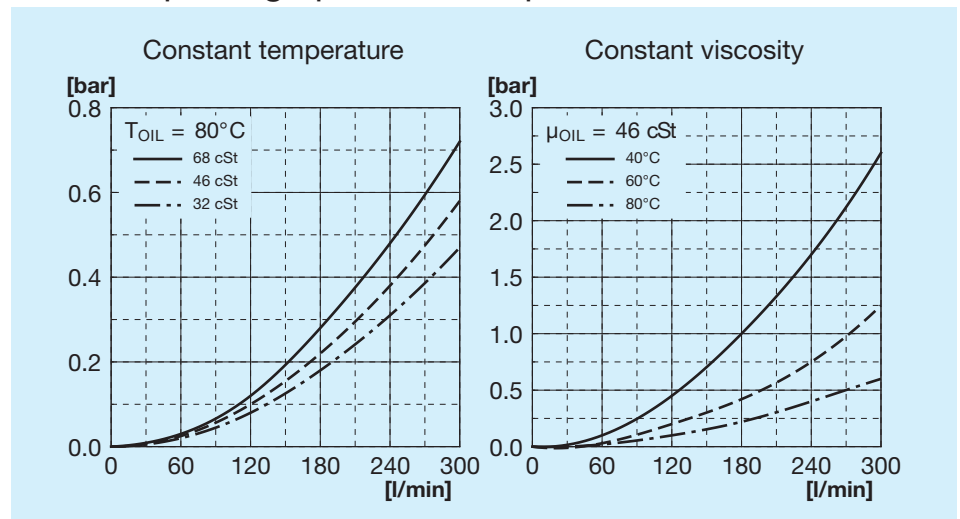


Code	Description	ΦFan mm	Power W	Frequen- cy Hz	Velocity min ⁻¹	IP Rating	L Max mm	H mm	Weight Kg	Capacity l
FR633143141	A75 1EA 220V-B14 bypass T15 V.T. 3 bar 60°C	500	750	50	1390	65	475	642	33.5	14
FR633141041	A75 1EA 220V-B14 bypass T15 VNR 4.5 bar	500	750	50	1390	65	475	626	33.5	14
FR633143151	A75 1EA 380V-B14 bypass T15 V.T. 3 bar 60°C	500	750	50	1390	65	475	642	33.5	14
FR633143152	A75 1ES 380V-B14 bypass T15 V.T. 3 bar 60°C	500	750	50	1390	65	475	642	33.5	14
FR633141051	A75 1EA 380V-B14 bypass T15 VNR 4.5 bar	500	750	50	1390	65	475	626	33.5	14
FR633141052	A75 1ES 380V-B14 bypass T15 VNR 4.5 bar	500	750	50	1390	65	475	626	33.5	14
FR633140041	A75 1EA 220V-B14	500	750	50	1390	65	475	638	33.5	14
FR633140042	A75 1ES 220V-B14	500	750	50	1390	65	475	638	33.5	14
FR633140051	A75 1EA 380V-B14	500	750	50	1390	65	475	638	33.5	14
FR633140052	A75 1ES 380V-B14	500	750	50	1390	65	475	638	33.5	14

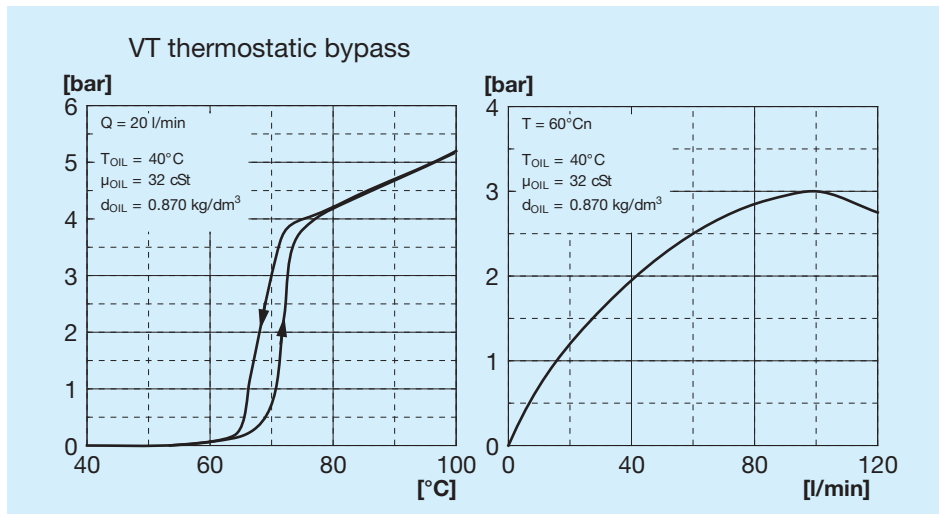
Heat exchange (thermal) capacity



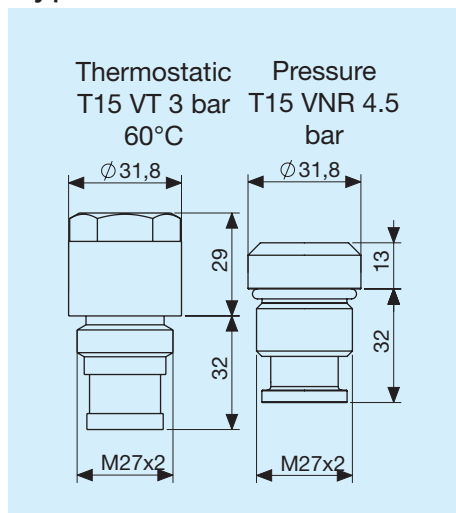
Radiator passage pressure drop



Bypass passage load loss

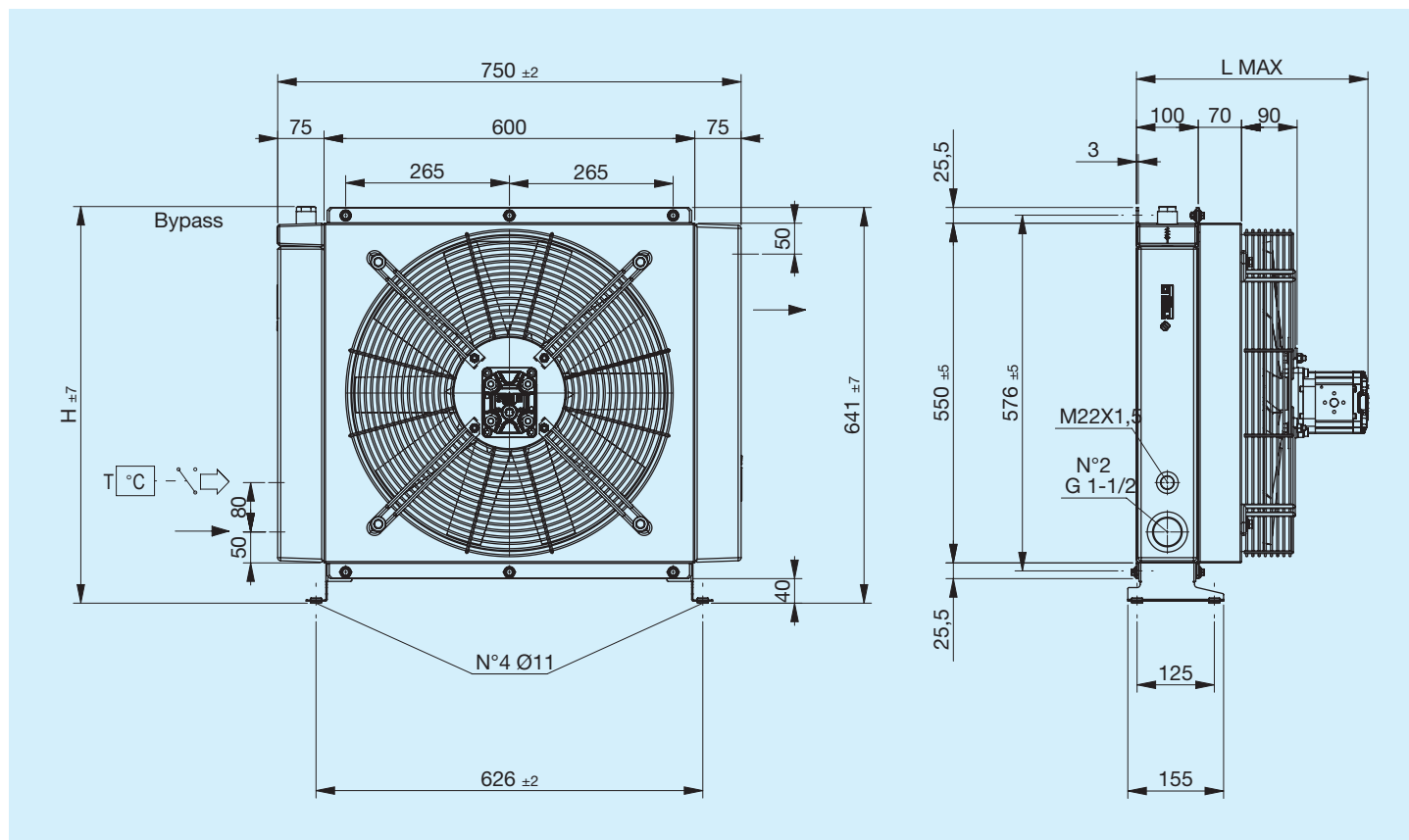


Bypass valves



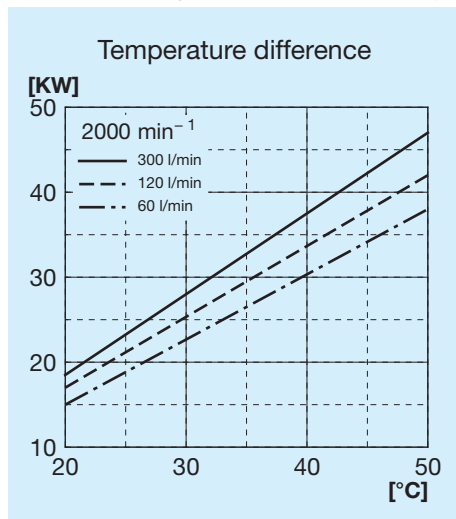
Legend

A56	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 60u00b0C
T15 VNR	Pressure bypass valve at 4.5 bar

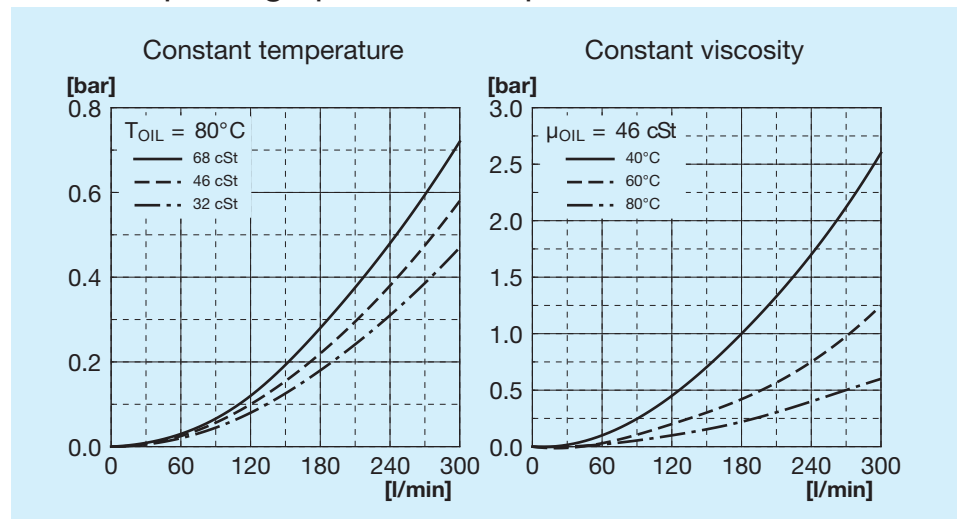


Code	Description	Ø Fan mm	Displacement motors cm ³ /h	L Max mm	H mm	Weight Kg	Capacity l
FR634143103	A75 IA SETT.GR2 bypass T15 V.T. 3 bar 60°C	500	—	305	642	26	14
FR634143104	A75 IS SETT.GR2 bypass T15 V.T. 3 bar 60°C	500	—	305	642	26	14
FR634141003	A75 IA SETT.GR2 bypass T15 VNR 4.5 bar	500	—	305	626	26	14
FR634141004	A75 IS SETT.GR2 bypass T15 VNR 4.5 bar	500	—	305	626	26	14
FR634143113	A75 IA HYDR.MOT. GR2 bypass T15 V.T. 3 bar 60°C	500	11	365	642	27	14
FR634143114	A75 IS HYDR.MOT. GR2 bypass T15 V.T. 3 bar 60°C	500	11	365	642	27	14
FR634141013	A75 IA HYDR.MOT. GR2 bypass T15 VNR 4.5 bar	500	11	365	626	27	14
FR634141014	A75 IS HYDR.MOT. GR2 bypass T15 VNR 4.5 bar	500	11	365	626	27	14
FR634140003	A75 IA SETT.GR2	500	—	305	638	26	14
FR634140004	A75 IS SETT.GR2	500	—	305	638	26	14
FR634140013	A75 IA HYDR.MOT. GR2	500	11	365	638	27	14
FR634140014	A75 IS HYDR.MOT. GR2	500	11	365	638	27	14

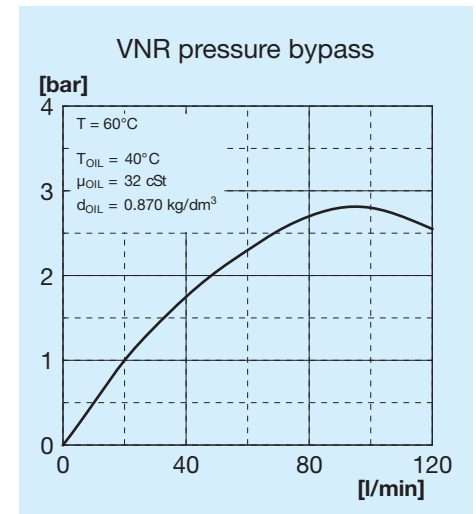
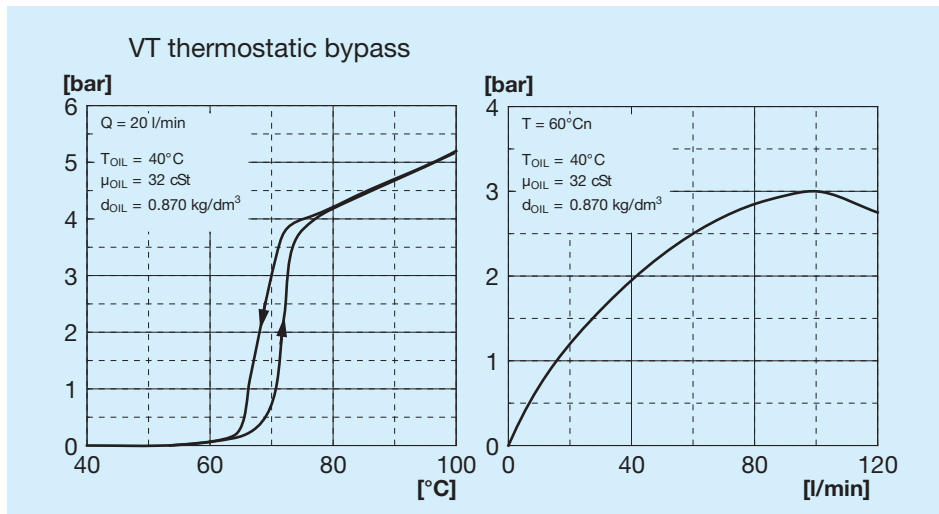
Heat exchange (thermal) capacity



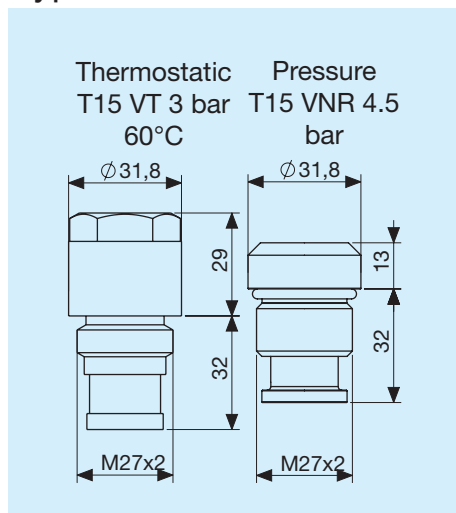
Radiator passage pressure drop



Bypass passage load loss



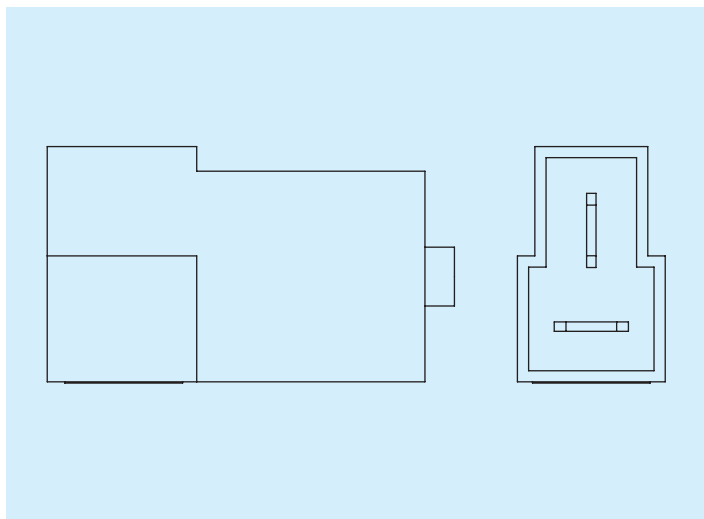
Bypass valves



Legend

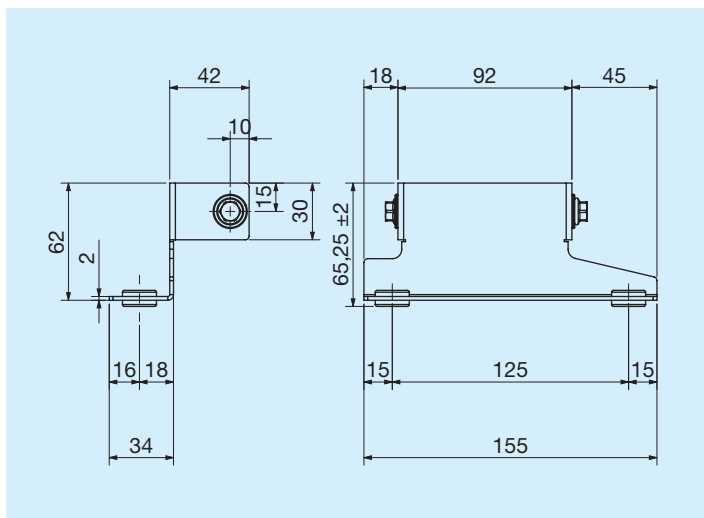
A56	Exchanger type
1E	1 Fan unit
AP	High power aspirating
SP	High power blower
AX	Extra high power aspirating
SX	Extra high power blower
12V	Fan unit voltage
24V	Fan unit voltage
T15 VT	Thermostatic bypass valve 3 bar 60u00b0C
T15 VNR	Pressure bypass valve at 4.5 bar

Connector

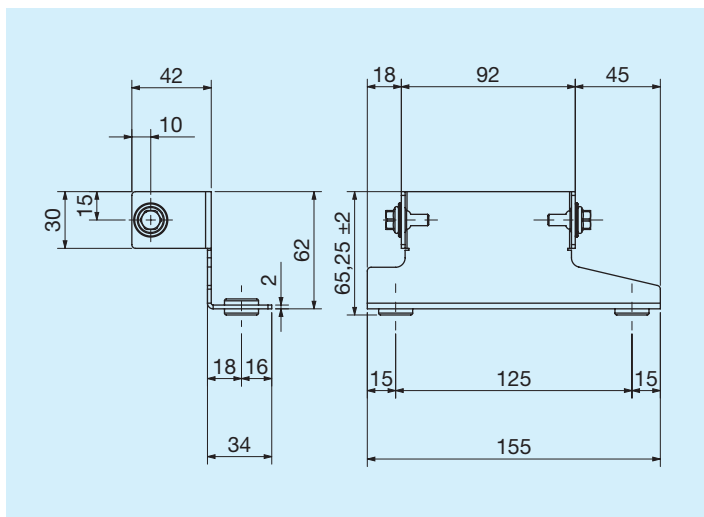


	Code
AMP connector	180908

Left supporting foot

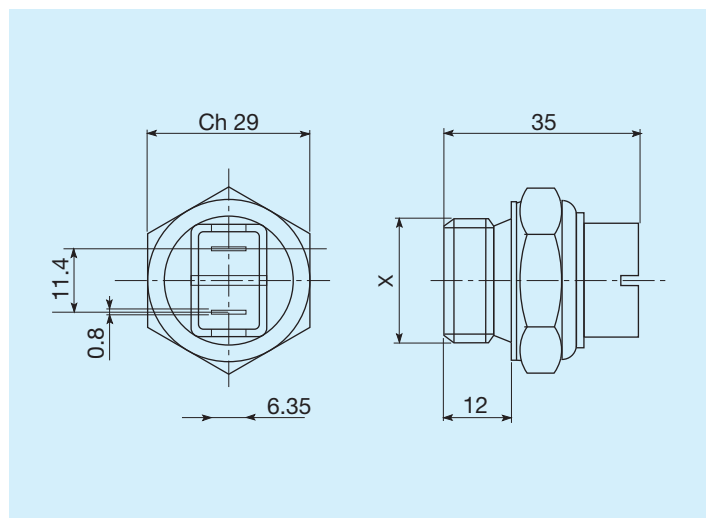


	Code
Left supporting foot	FR290000009



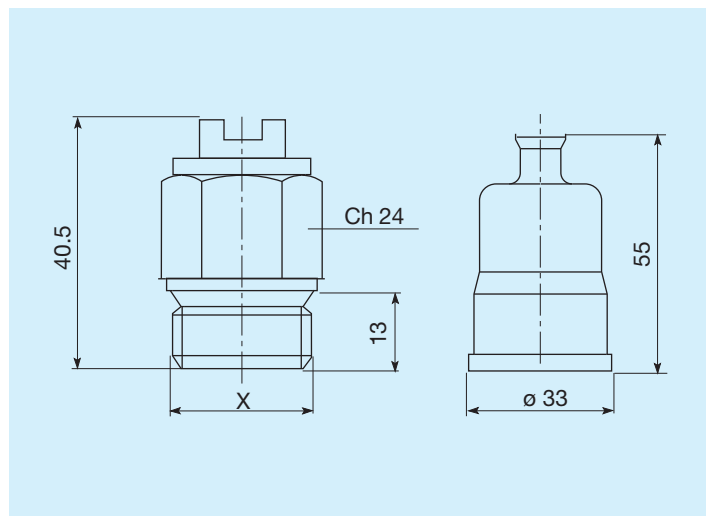
	Code
Right supporting foot	FR290000010

Thermostats



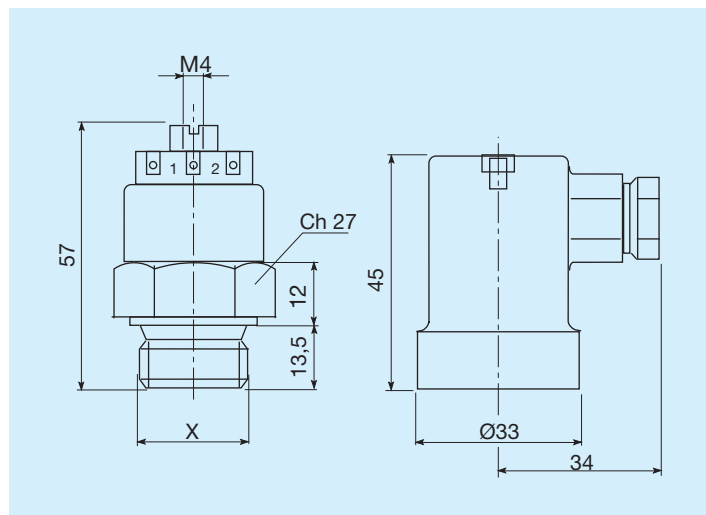
Trigger temperature °C		Code
45 - 35	M22x1.5	FR 361104535
60 - 50	M22x1.5	FR 361106050
80 - 70	M22x1.5	FR 361108070
82 - 68	M22x1.5	FR 361108268
85 - 76	M22x1.5	FR 361108576

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