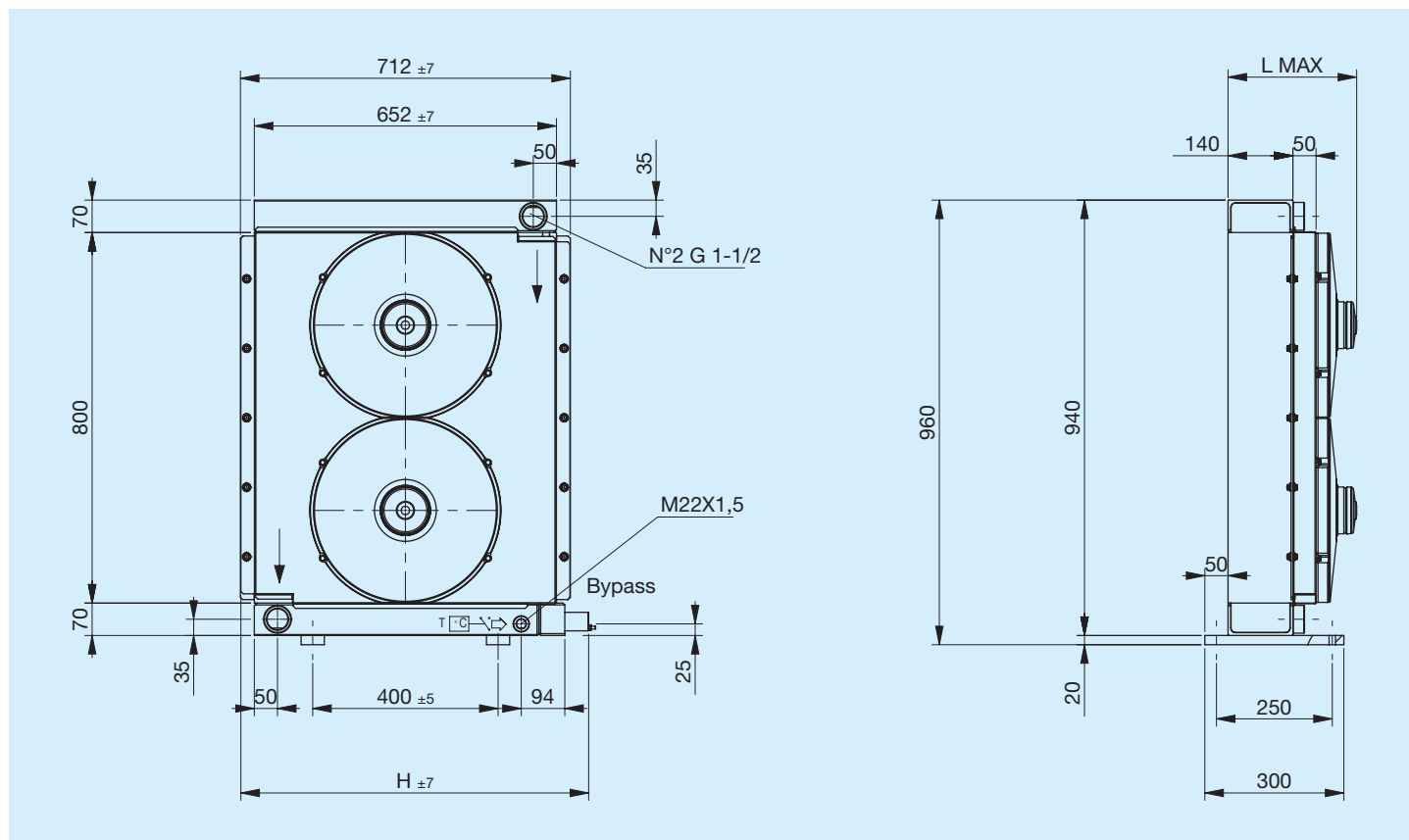


A86

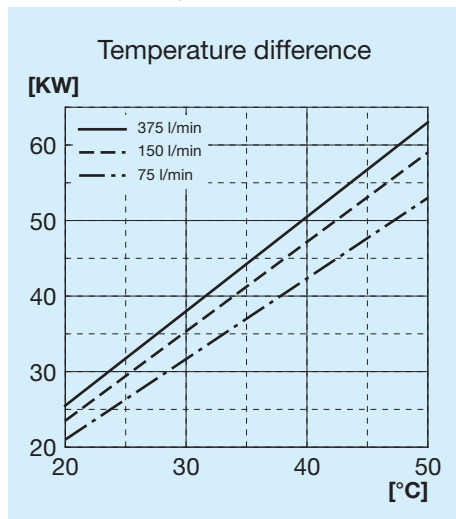


Before using the heat exchanger, carefully read the document entitled GENERAL OPERATING INSTRUCTIONS FOR HEAT EXCHANGER USE.

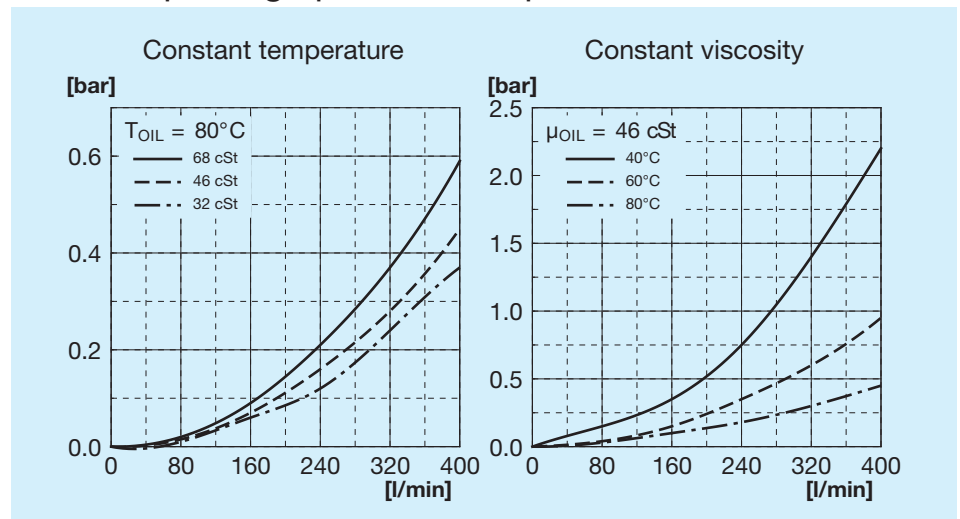


Code	Description	Ø Fan mm	Air flow m³/h	Voltage V	Amperage A	L Max mm	H mm	Weight Kg	Capacity l
FR633263103	A86 2EAP 12V bypass T15 V.T. 6 bar 50°C	2X385	2X4000	12	2X22	280	752	55	28
FR633263104	A86 2ESP 12V bypass T15 V.T. 6 bar 50°C	2X385	2X4000	12	2X22	280	752	55	28
FR633261003	A86 2EAP 12V bypass T15 VNR 4.5 bar	2X385	2X4000	12	2X22	280	714	55	28
FR633261004	A86 2ESP 12V bypass T15 VNR 4.5 bar	2X385	2X4000	12	2X22	280	714	55	28
FR633263113	A86 2EAP 24V bypass T15 V.T. 6 bar 50°C	2X385	2X4000	24	2X11	280	752	55	28
FR633263114	A86 2ESP 24V bypass T15 V.T. 6 bar 50°C	2X385	2X4000	24	2X11	280	752	55	28
FR633261013	A86 2EAP 24V bypass T15 VNR 4.5 bar	2X385	2X4000	24	2X11	280	714	55	28
FR633261014	A86 2ESP 24V bypass T15 VNR 4.5 bar	2X385	2X4000	24	2X11	280	714	55	28
FR633260003	A86 2EAP 12V	2X385	2X4000	12	2X22	280	710	55	28
FR633260004	A86 2ESP 12V	2X385	2X4000	12	2X22	280	710	55	28
FR633260013	A86 2EAP 24V	2X385	2X4000	24	2X11	280	710	55	28
FR633260014	A86 2ESP 24V	2X385	2X4000	24	2X11	280	710	55	28

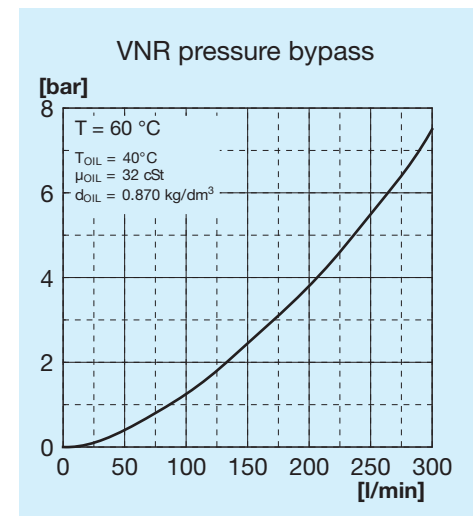
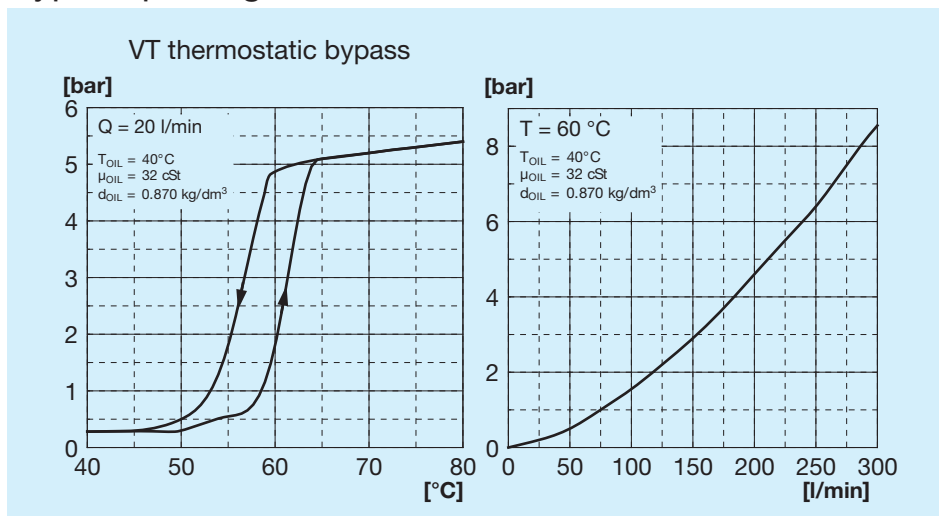
Heat exchange (thermal) capacity



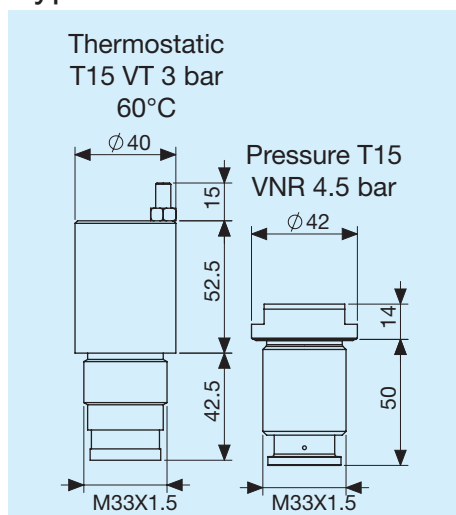
Radiator passage pressure drop



Bypass passage load loss

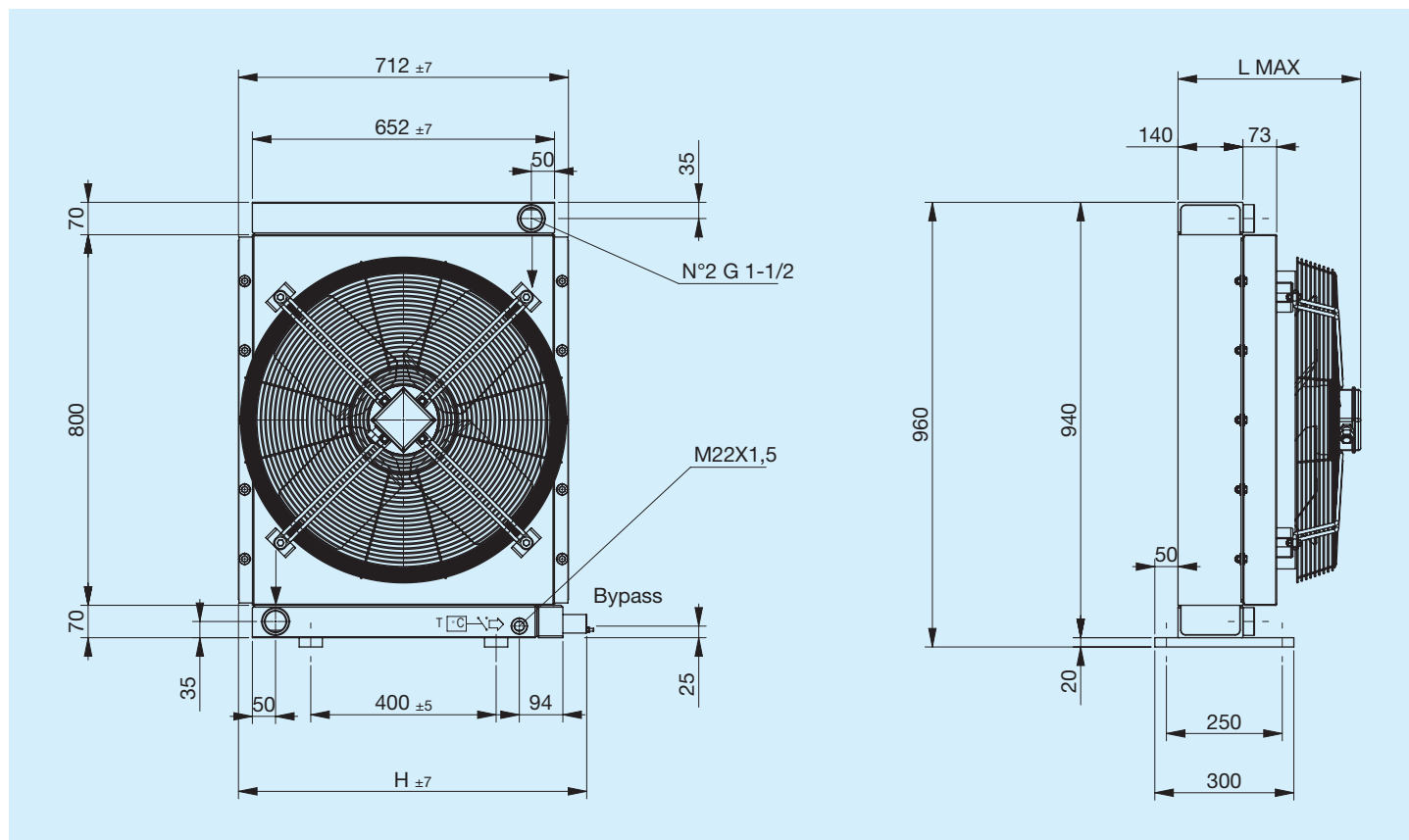


Bypass valves



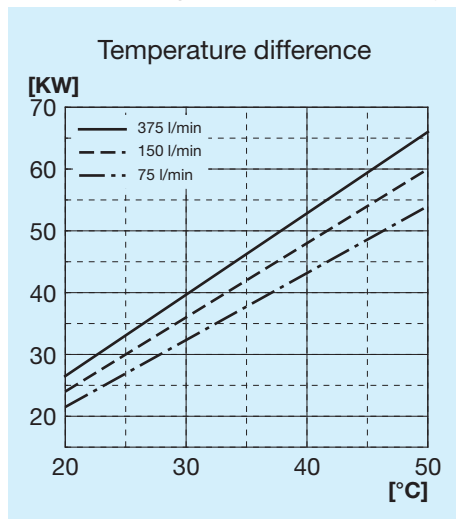
Legend

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

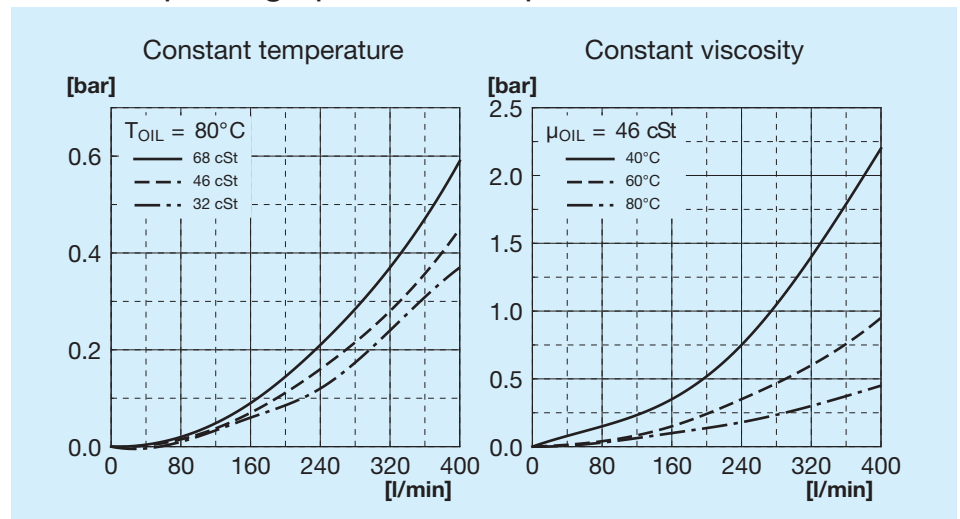


Code	Description	Ø Fan mm	Power W	Frequen- cy Hz	Velocity min ⁻¹	IP Rating	L Max mm	H mm	Weight Kg	Capacity l
FR633263131	A86 1EA 230V bypass T15 V.T. 6 bar 50°C	630	600	50	860	54	383	752	57	28
FR633263132	A86 1ES 230V bypass T15 V.T. 6 bar 50°C	630	600	50	860	54	383	752	57	28
FR633261031	A86 1EA 230V bypass T15 VNR 4.5 bar	630	600	50	860	54	383	714	57	28
FR633261032	A86 1ES 230V bypass T15 VNR 4.5 bar	630	600	50	860	54	383	714	57	28
FR633263121	A86 1EA 400V bypass T15 V.T. 6 bar 50°C	630	570 920	50 60	900 990	54	383	752	57	28
FR633263122	A86 1ES 400V bypass T15 V.T. 6 bar 50°C	630	640 790	50 60	890 1005	54	383	752	57	28
FR633261021	A86 1EA 400V bypass T15 VNR 4.5 bar	630	570 920	50 60	900 990	54	383	714	57	28
FR633261022	A86 1ES 400V bypass T15 VNR 4.5 bar	630	640 790	50 60	890 1005	54	383	714	57	28
FR633260031	A86 1EA 230V	630	600	50	860	54	383	710	57	28
FR633260032	A86 1ES 230V	630	600	50	860	54	383	710	57	28
FR633260021	A86 1EA 400V	630	570 920	50 60	900 990	54	383	710	57	28
FR633260022	A86 1ES 400V	630	640 790	50 60	890 1005	54	383	710	57	28

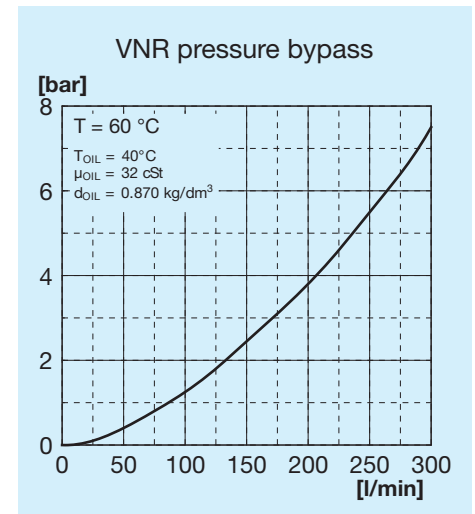
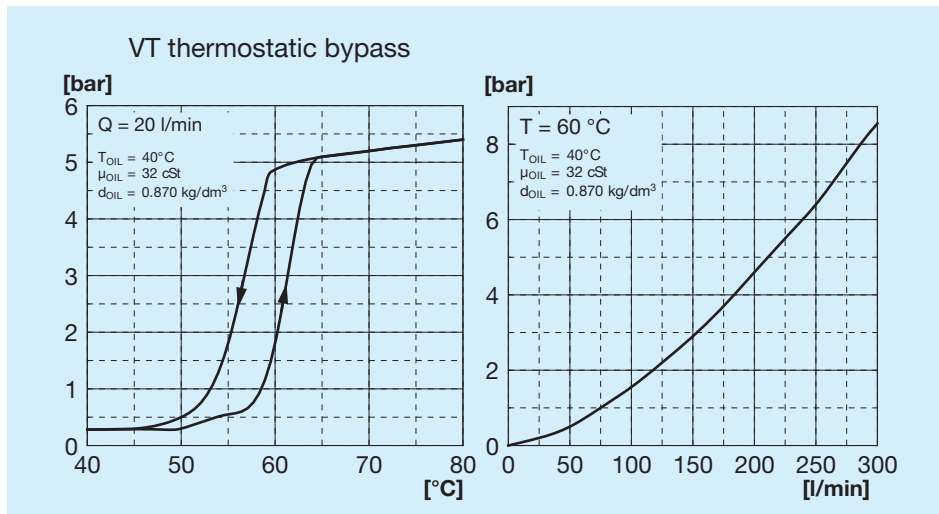
Heat exchange (thermal) capacity



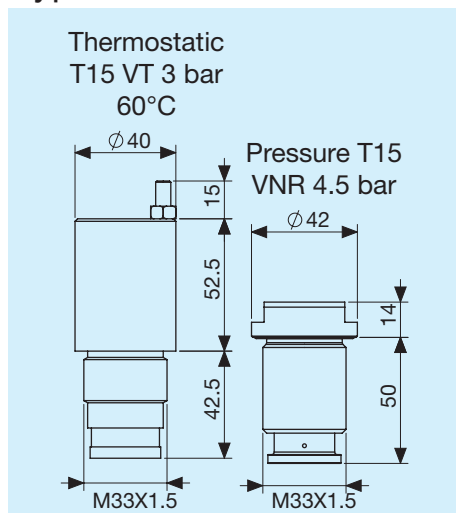
Radiator passage pressure drop



Bypass passage load loss

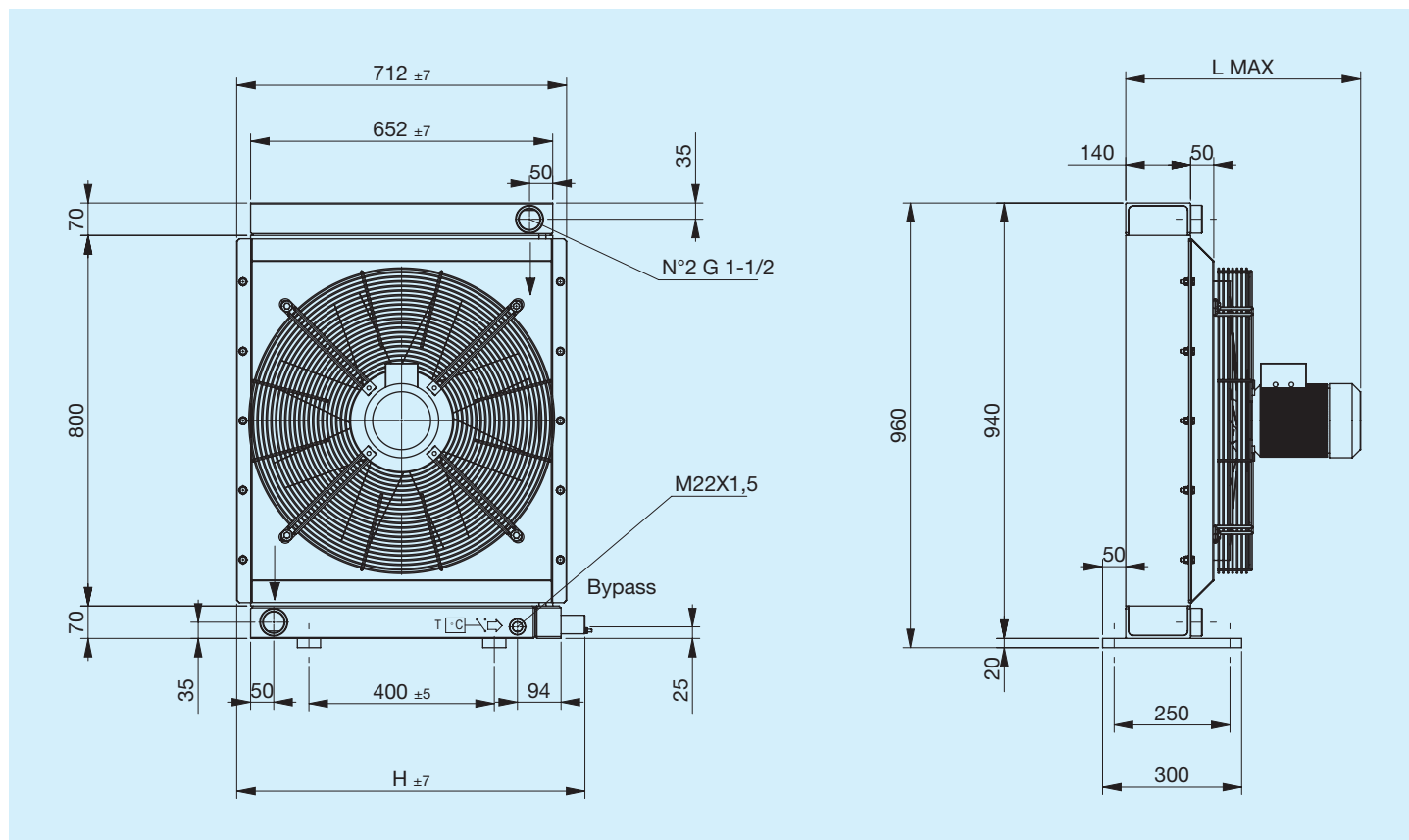


Bypass valves



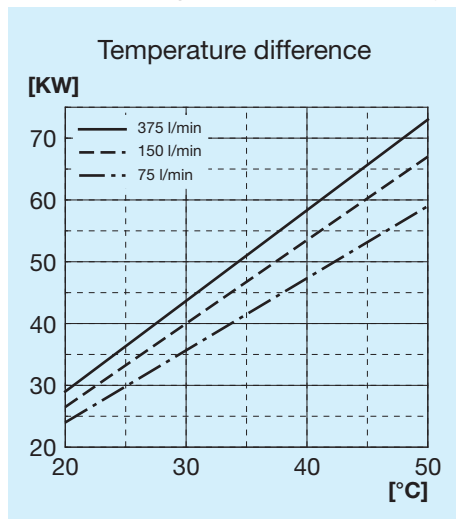
Legend

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

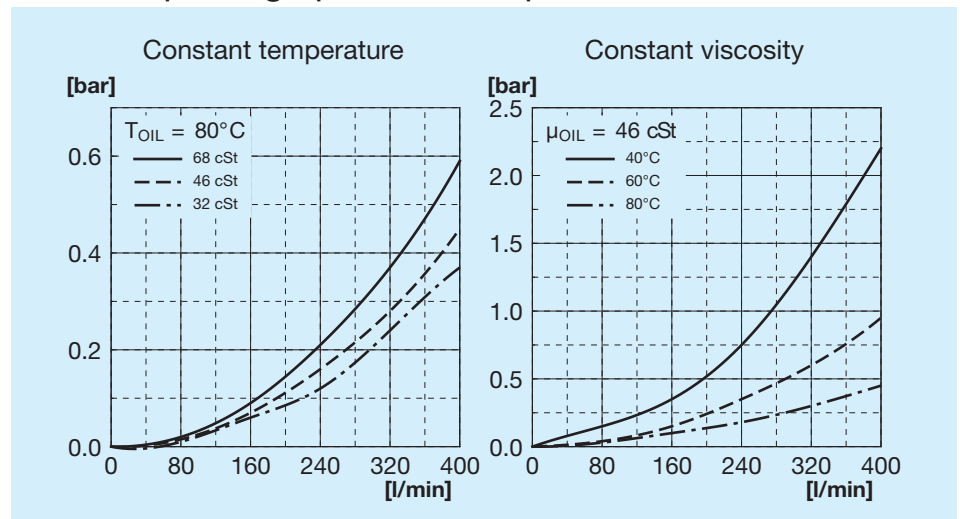


Code	Description	Ø Fan mm	Power W	Frequen- cy Hz	Velocity min ⁻¹	IP Rating	L Max mm	H mm	Weight Kg	Capacity l
FR633263141	A86 1EA 220V-B14 bypass T15 V.T. 6 bar 50°C	580	750	50	1390	65	504	752	65.5	28
FR633263142	A86 1EA 220V-B14 bypass T15 V.T. 6 bar 50°C	580	750	50	1390	65	504	752	65.5	28
FR633261041	A86 1EA 220V-B14 bypass T15 VNR 4.5 bar	580	750	50	1390	65	504	714	65.5	28
FR633261042	A86 1EA 220V-B14 bypass T15 VNR 4.5 bar	580	750	50	1390	65	504	714	65.5	28
FR633263151	A86 1EA 380V-B14 bypass T15 V.T. 6 bar 50°C	580	750	50	1390	65	504	752	65.5	28
FR633263152	A86 1ES 380V-B14 bypass T15 V.T. 6 bar 50°C	580	750	50	1390	65	504	752	65.5	28
FR633261051	A86 1EA 380V-B14 bypass T15 VNR 4.5 bar	580	750	50	1390	65	504	714	65.5	28
FR633261052	A86 1ES 380V-B14 bypass T15 VNR 4.5 bar	580	750	50	1390	65	504	714	65.5	28
FR633260041	A86 1EA 220V-B14	580	750	50	1390	65	504	710	65.5	28
FR633260042	A86 1ES 220V-B14	580	750	50	1390	65	504	710	65.5	28
FR633260051	A86 1EA 380V-B14	580	750	50	1390	65	504	710	65.5	28
FR633260052	A86 1ES 380V-B14	580	750	50	1390	65	504	710	65.5	28

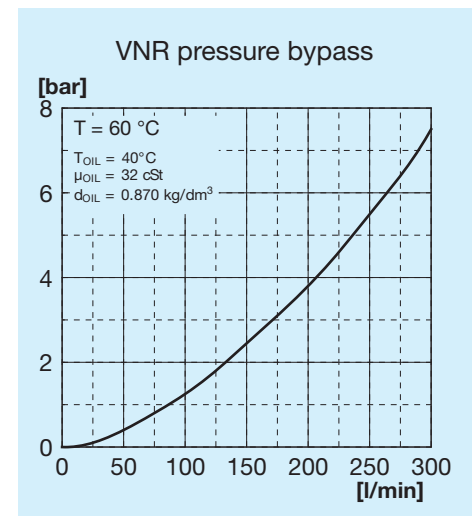
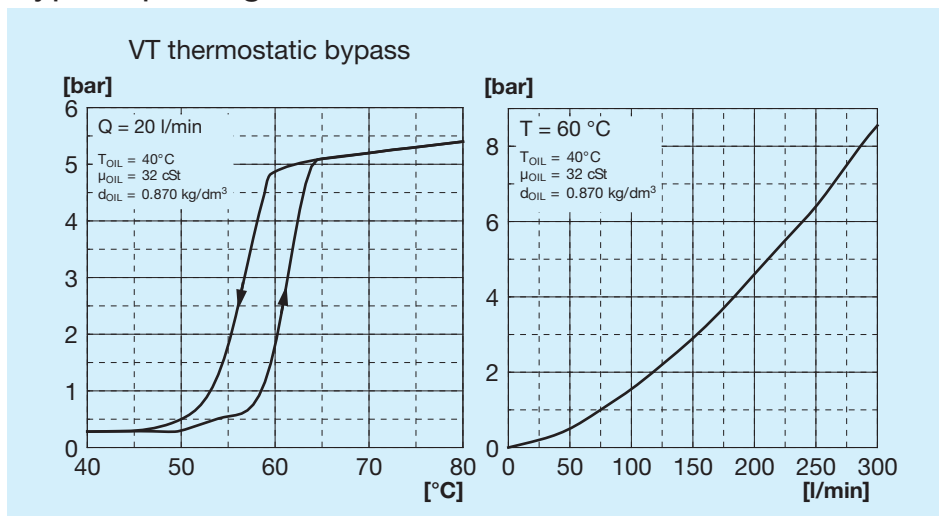
Heat exchange (thermal) capacity



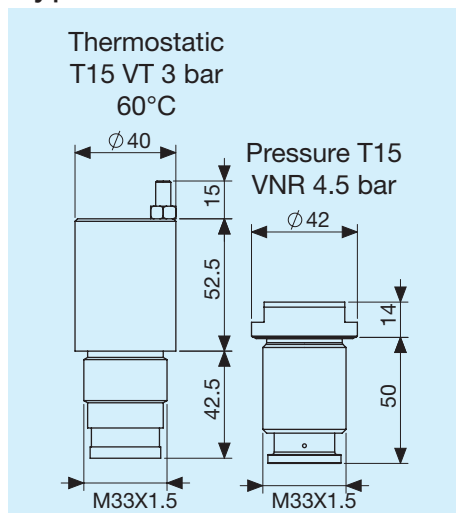
Radiator passage pressure drop



Bypass passage load loss

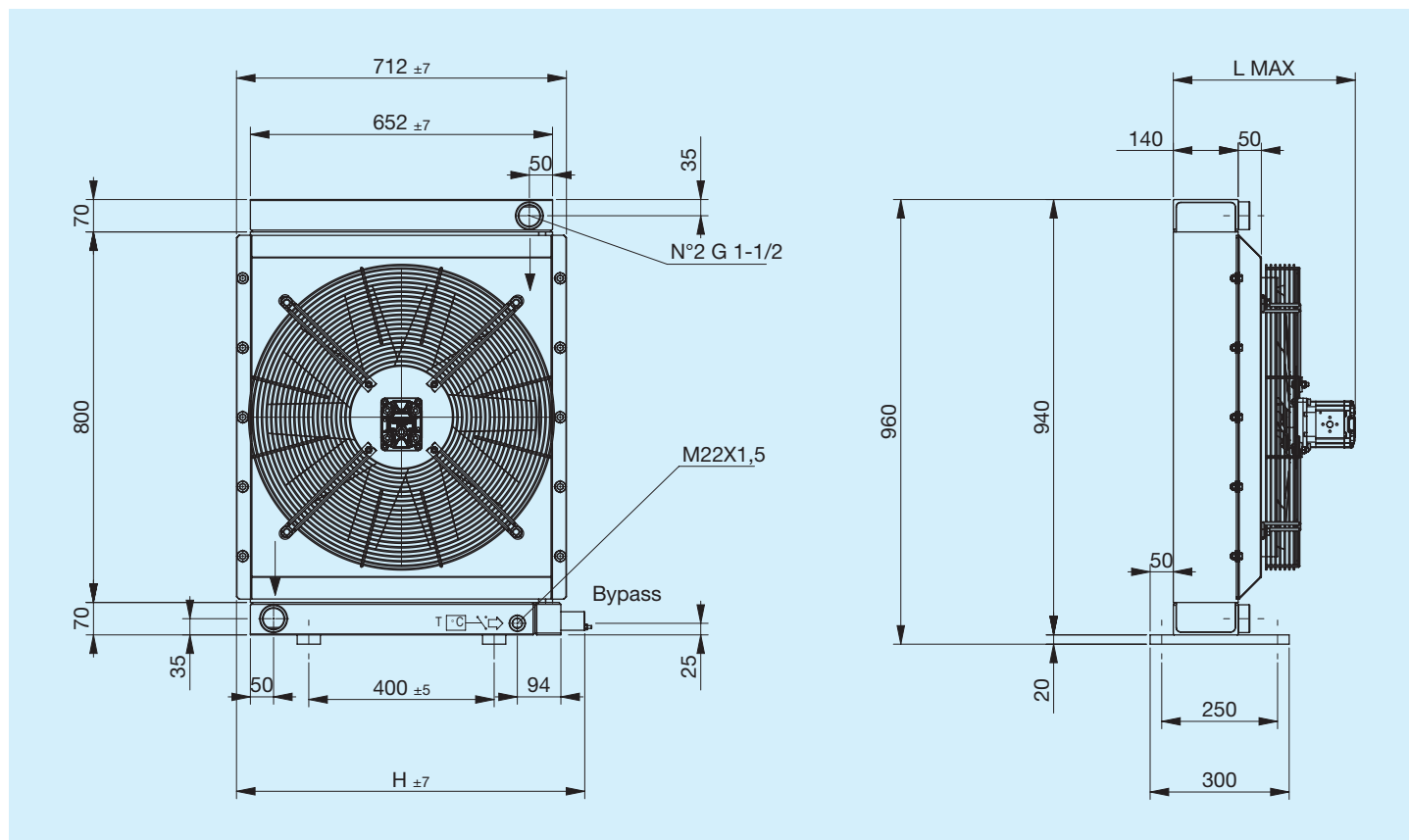


Bypass valves



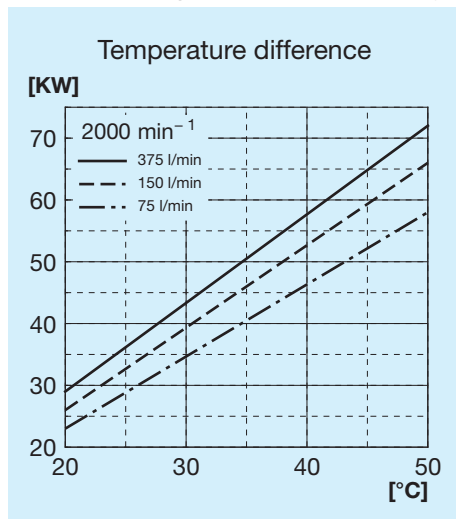
Legend

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

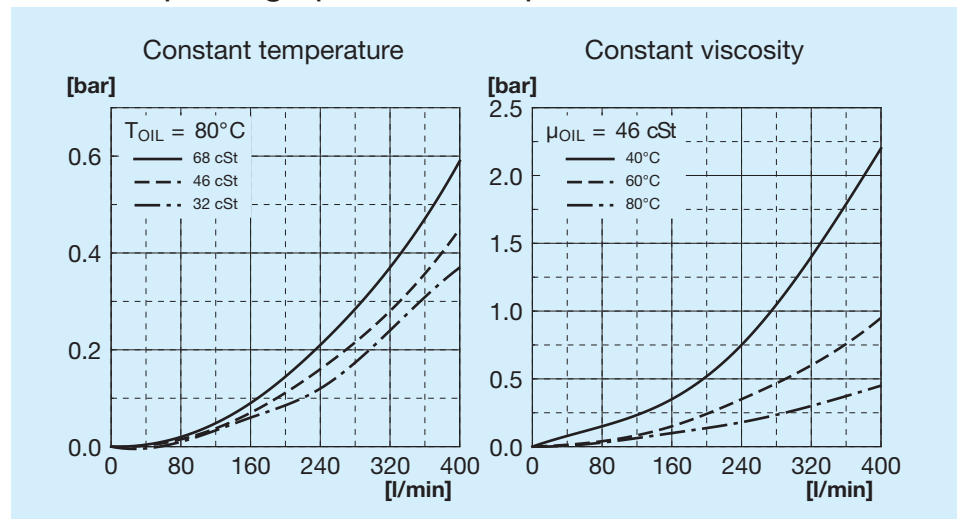


Code	Description	Ø Fan	Displacement motors cm ³ /h	L Max	H	Weight	Capacity
		mm		mm	mm	Kg	l
FR634263103	A86 IA SETT.GR2 bypass T15 V.T. 6 bar 50°C	580	—	330	752	58	28
FR634263104	A86 IS SETT.GR2 bypass T15 V.T. 6 bar 50°C	580	—	330	752	58	28
FR634261003	A86 IA SETT.GR2 bypass T15 VNR 4.5 bar	580	—	330	714	58	28
FR634261004	A86 IS SETT.GR2 bypass T15 VNR 4.5 bar	580	—	330	714	58	28
FR634263113	A86 IA HYDR.MOT. GR2 bypass T15 V.T. 6 bar 50°C	580	11	390	752	59	28
FR634263114	A86 IS HYDR.MOT. GR2 bypass T15 V.T. 6 bar 50°C	580	11	390	752	59	28
FR634261013	A86 IA HYDR.MOT. GR2 bypass T15 VNR 4.5 bar	580	11	390	714	59	28
FR634261014	A86 IS HYDR.MOT. GR2 bypass T15 VNR 4.5 bar	580	11	390	714	59	28
FR634260003	A86 IA SETT.GR2	580	—	330	710	58	28
FR634260004	A86 IS SETT.GR2	580	—	330	710	58	28
FR634260013	A86 IA HYDR.MOT. GR2	580	11	390	710	59	28
FR634260014	A86 IS HYDR.MOT. GR2	580	11	390	710	59	28

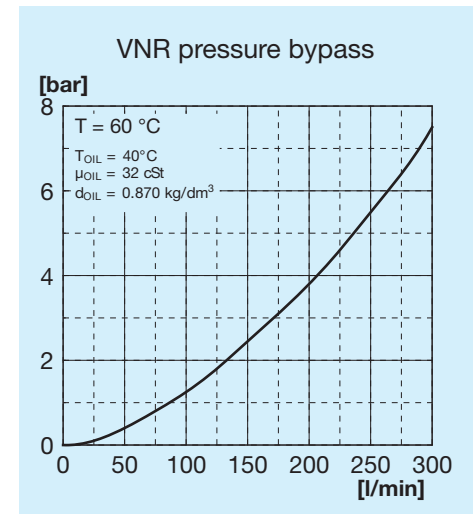
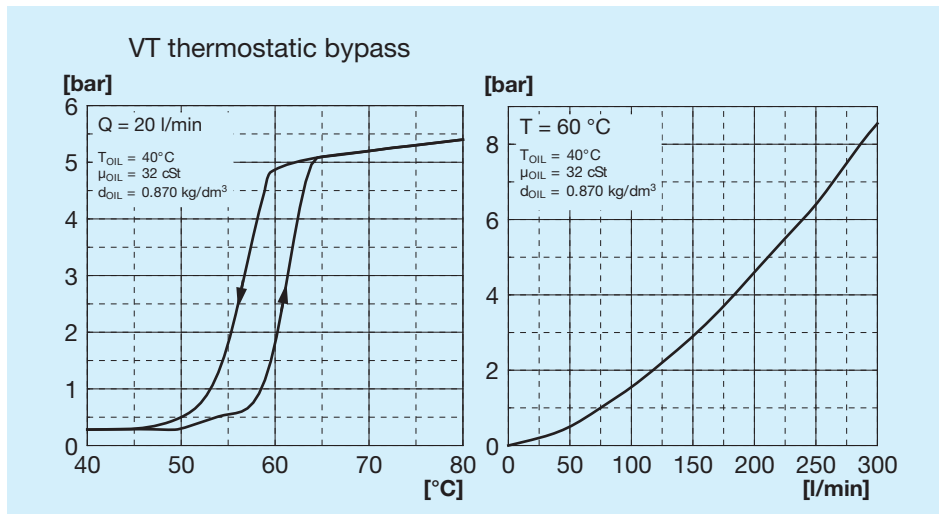
Heat exchange (thermal) capacity



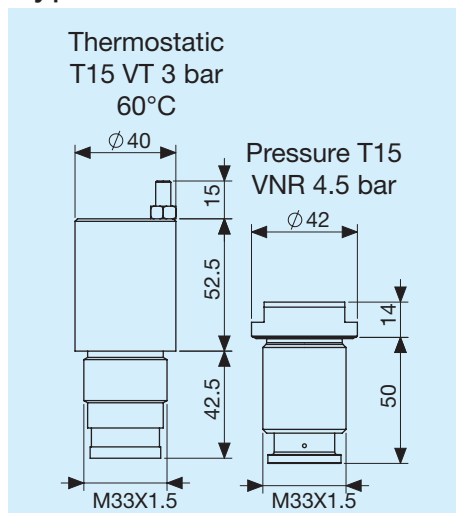
Radiator passage pressure drop



Bypass passage load loss



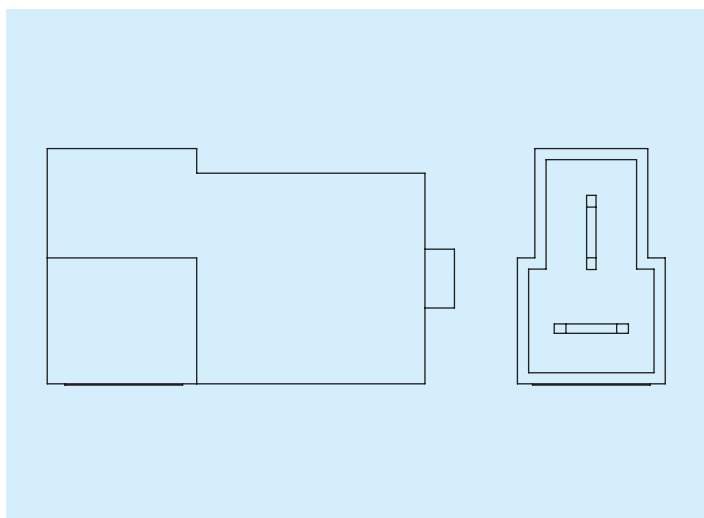
Bypass valves



Legend

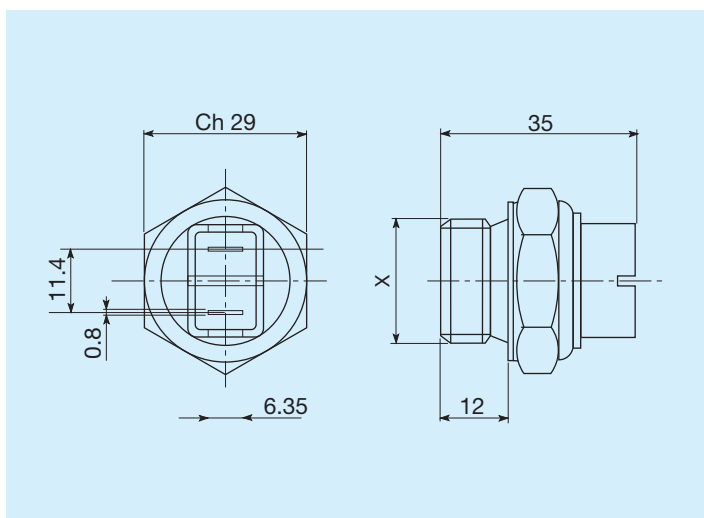
A56	Exchanger type
1E	1 Fan unit
AP	High power aspirating
SP	High power blower
AX	Extra high power aspirating
SX	Extra high power blower
12V	Fan unit voltage
24V	Fan unit voltage
T15 VT	Thermostatic bypass valve 3 bar 60u00b0C
T15 VNR	Pressure bypass valve at 4.5 bar

Connector



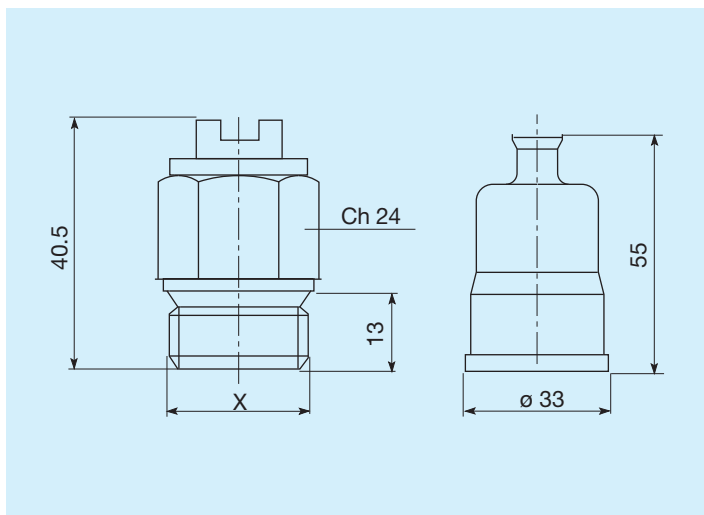
	Code
AMP connector	180908

Thermostats



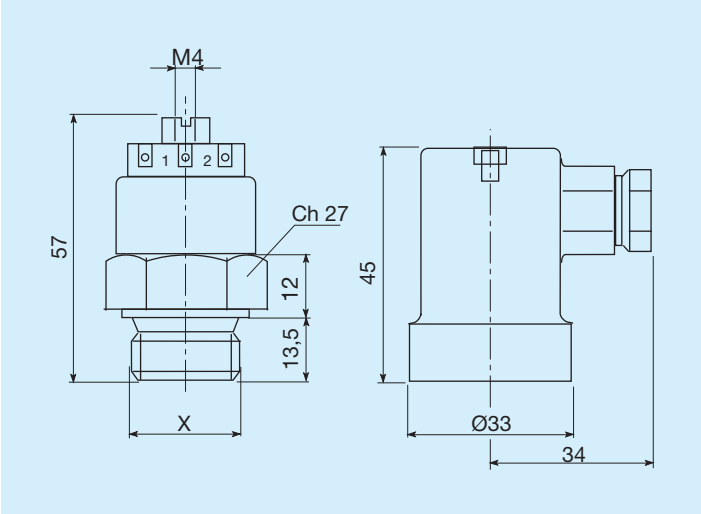
Trigger temperature °C		Code
45 - 35	M22x1.5	FR 361104535
60 - 50	M22x1.5	FR 361106050
80 - 70	M22x1.5	FR 361108070
82 - 68	M22x1.5	FR 361108268
85 - 76	M22x1.5	FR 361108576

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