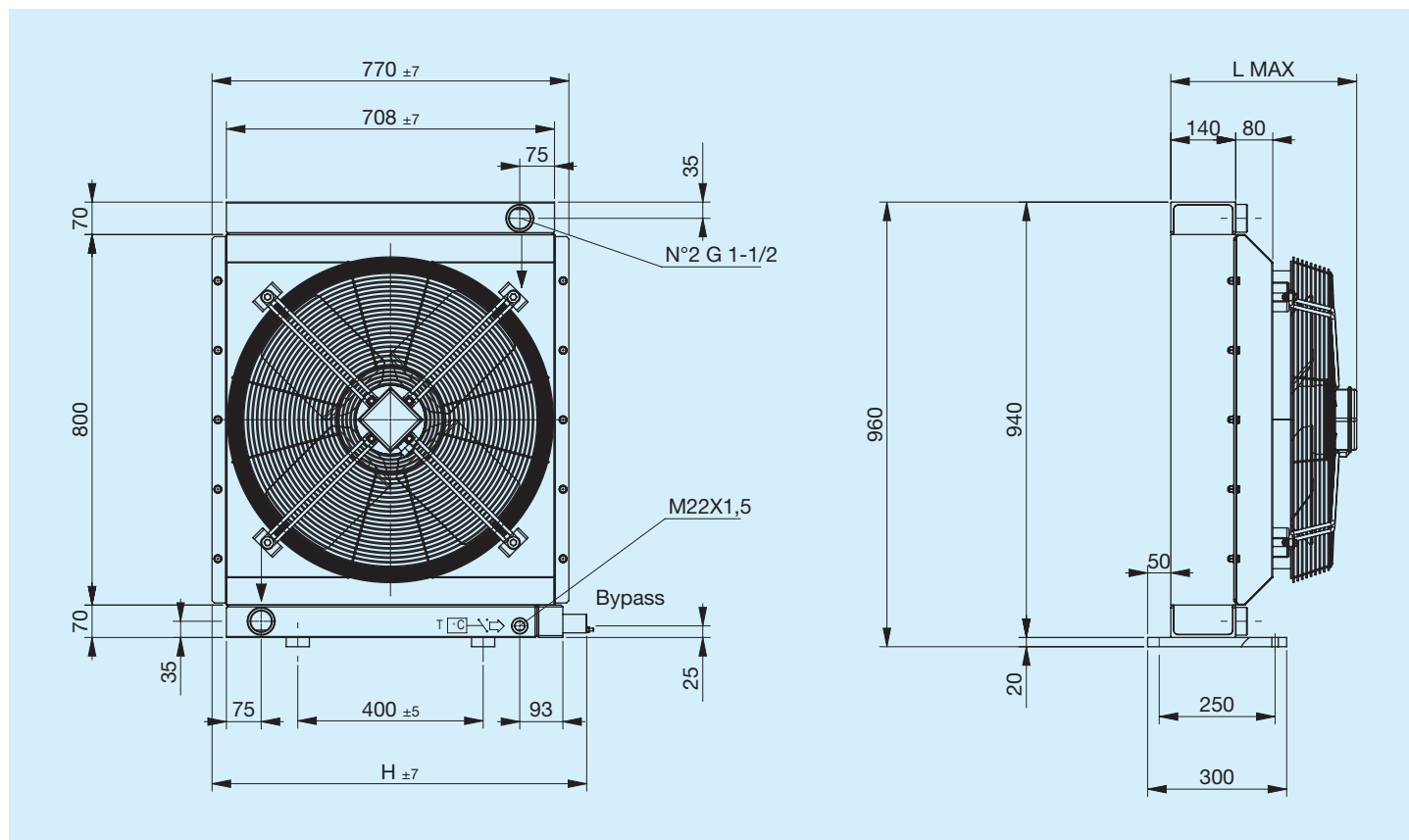


A106

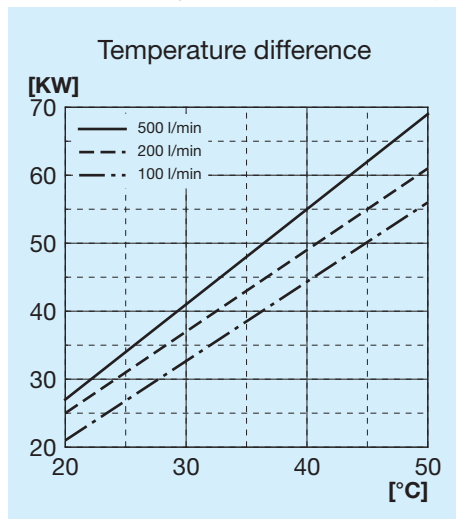


Before using the heat exchanger, carefully read the document entitled GENERAL OPERATING INSTRUCTIONS FOR HEAT EXCHANGER USE.

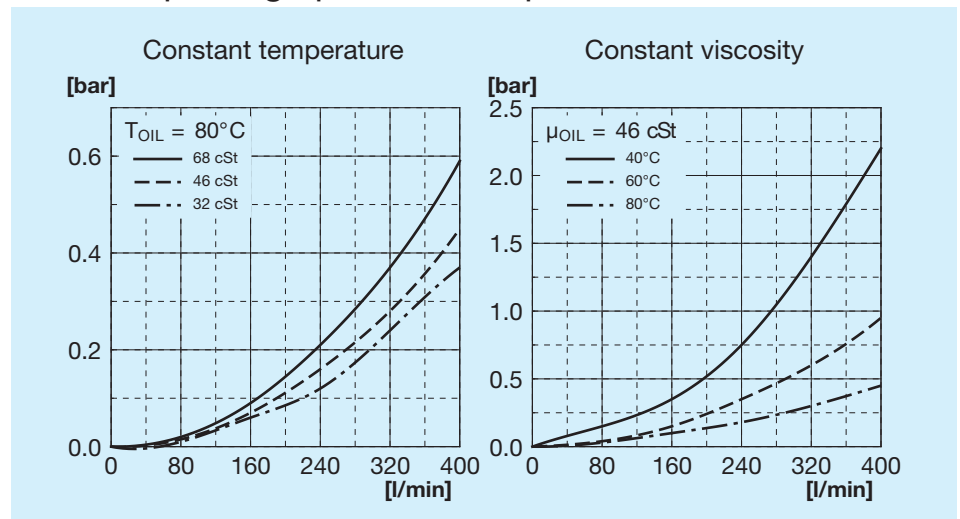


Code	Description	Ø Fan	Power	Frequen- cy	Velocity	Rating	L Max	H	Weight	Capacity
FR633273131	A106 1EA 230V bypass T15 V.T. 6 bar 50°C	630	600	50	860	54	390	809	72	32
FR633273132	A106 1ES 230V bypass T15 V.T. 6 bar 50°C	630	600	50	860	54	390	809	72	32
FR633271031	A106 1EA 230V bypass T15 VNR 4.5 bar	630	600	50	860	54	390	771	72	32
FR633271032	A106 1ES 230V bypass T15 VNR 4.5 bar	630	600	50	860	54	390	771	72	32
FR633273121	A106 1EA 400V bypass T15 V.T. 6 bar 50°C	630	570 920	50 60	900 990	54	390	809	72	32
FR633273122	A106 1ES 400V bypass T15 V.T. 6 bar 50°C	630	640 790	50 60	890 1005	54	390	809	72	32
FR633271021	A106 1EA 400V bypass T15 VNR 4.5 bar	630	570 920	50 60	900 990	54	390	771	72	32
FR633271022	A106 1ES 400V bypass T15 VNR 4.5 bar	630	640 790	50 60	890 1005	54	390	771	72	32
FR633270031	A106 1EA 230V	630	600	50	860	54	390	770	72	32
FR633270032	A106 1ES 230V	630	600	50	860	54	390	770	72	32
FR633270021	A106 1EA 400V	630	570 920	50 60	900 990	54	390	770	72	32
FR633270022	A106 1ES 400V	630	640 790	50 60	890 1005	54	390	770	72	32

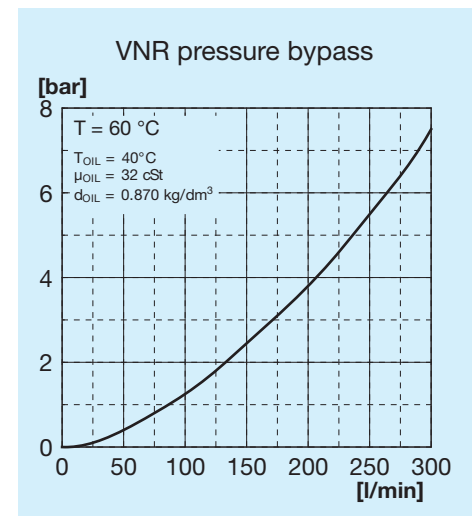
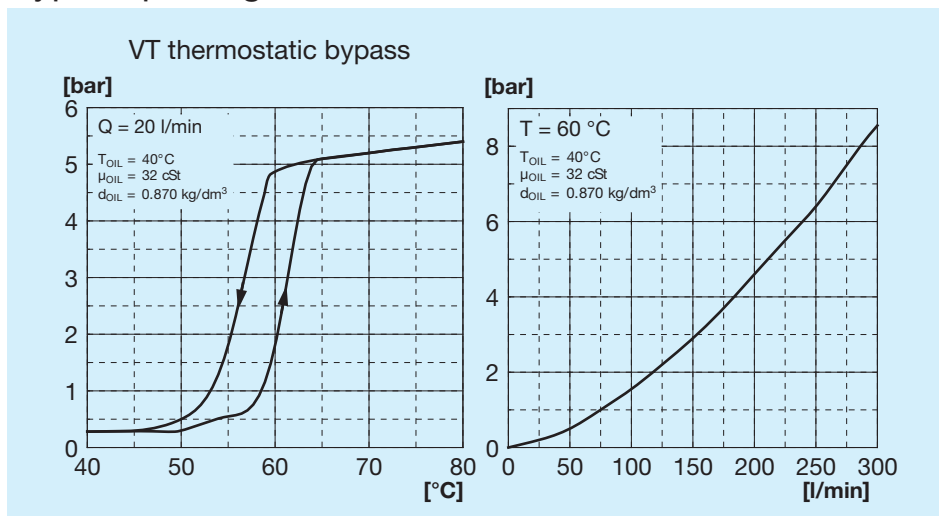
Heat exchange (thermal) capacity



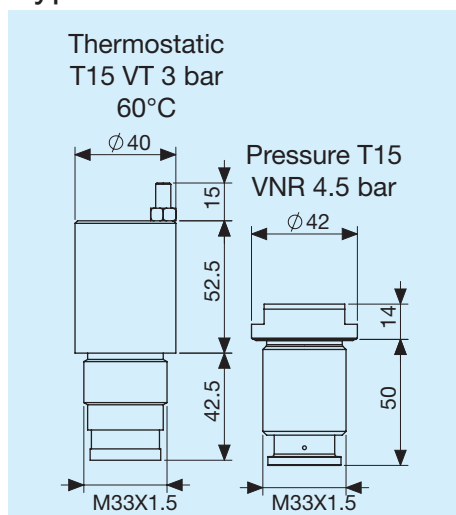
Radiator passage pressure drop



Bypass passage load loss

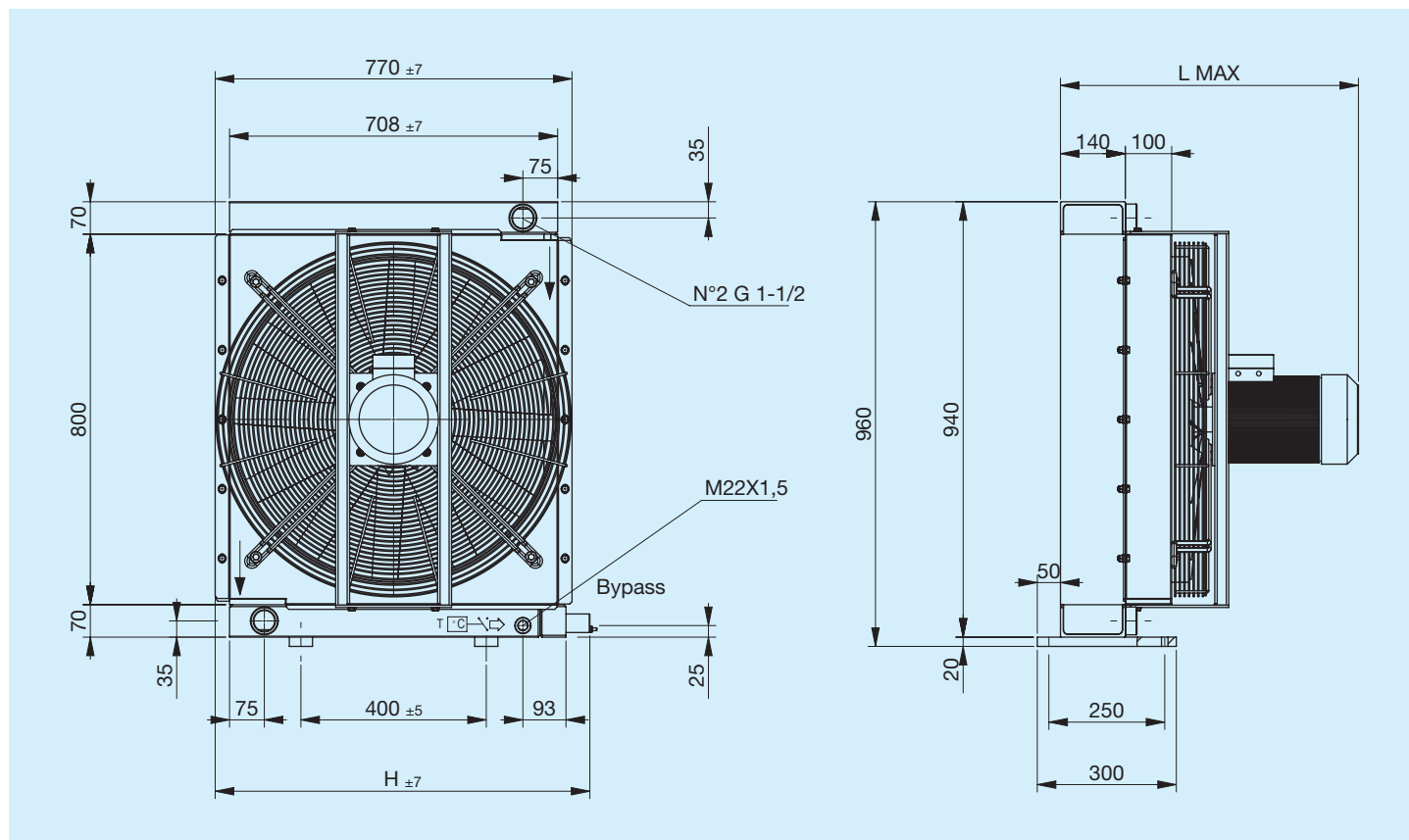


Bypass valves



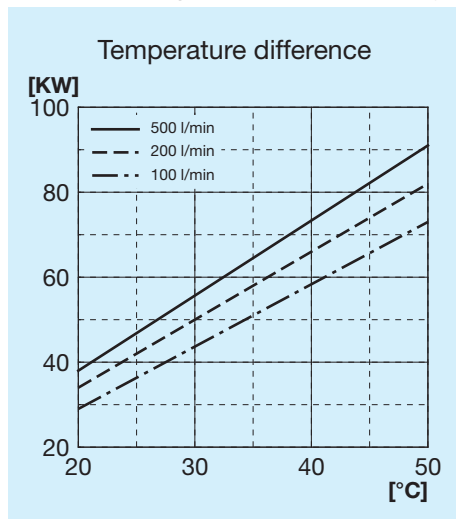
Legend

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

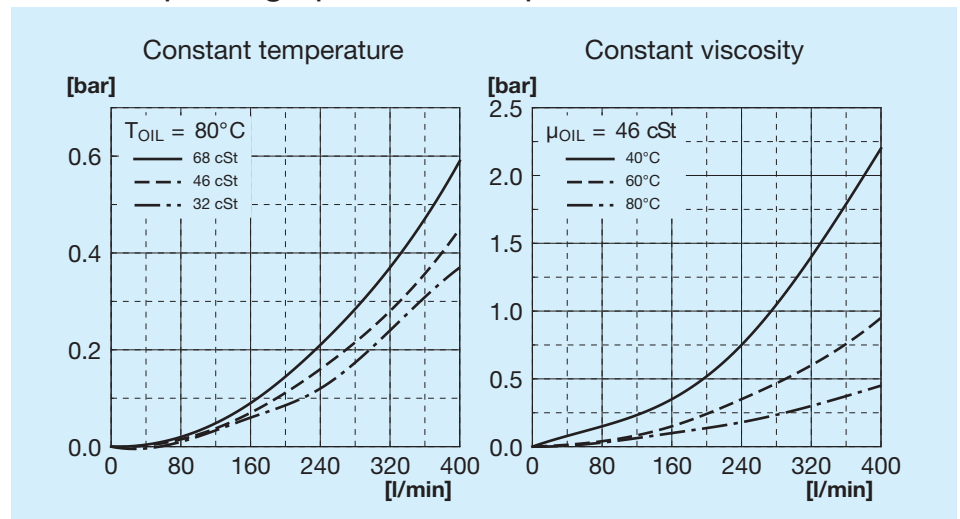


Code	Description	Ø Fan mm	Power W	Frequen- cy Hz	Velocity min ⁻¹	IP Rating	L Max mm	H mm	Weight Kg	Capacity l
FR633273141	A106 1EA 220V-B14 bypass T15 V.T. 6 bar 50°C	690	3000	50	1430	65	643	809	100	32
FR633273142	A106 1EA 220V-B14 bypass T15 V.T. 6 bar 50°C	690	3000	50	1430	65	643	809	100	32
FR633271041	A106 1EA 220V-B14 bypass T15 VNR 4.5 bar	690	3000	50	1430	65	643	771	100	32
FR633271042	A106 1EA 220V-B14 bypass T15 VNR 4.5 bar	690	3000	50	1430	65	643	771	100	32
FR633273151	A106 1EA 380V-B14 bypass T15 V.T. 6 bar 50°C	690	3000	50	1430	65	643	809	100	32
FR633273152	A106 1ES 380V-B14 bypass T15 V.T. 6 bar 50°C	690	3000	50	1430	65	643	809	100	32
FR633271051	A106 1EA 380V-B14 bypass T15 VNR 4.5 bar	690	3000	50	1430	65	643	771	100	32
FR633271052	A106 1ES 380V-B14 bypass T15 VNR 4.5 bar	690	3000	50	1430	65	643	771	100	32
FR633270041	A106 1EA 220V-B14	690	3000	50	1430	65	643	770	100	32
FR633270042	A106 1ES 220V-B14	690	3000	50	1430	65	643	770	100	32
FR633270051	A106 1EA 380V-B14	690	3000	50	1430	65	643	770	100	32
FR633270052	A106 1ES 380V-B14	690	3000	50	1430	65	643	770	100	32

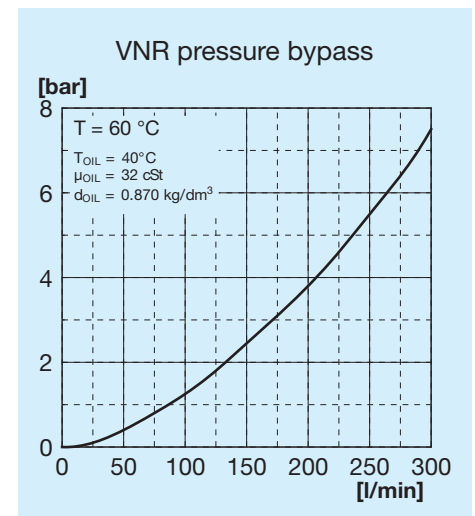
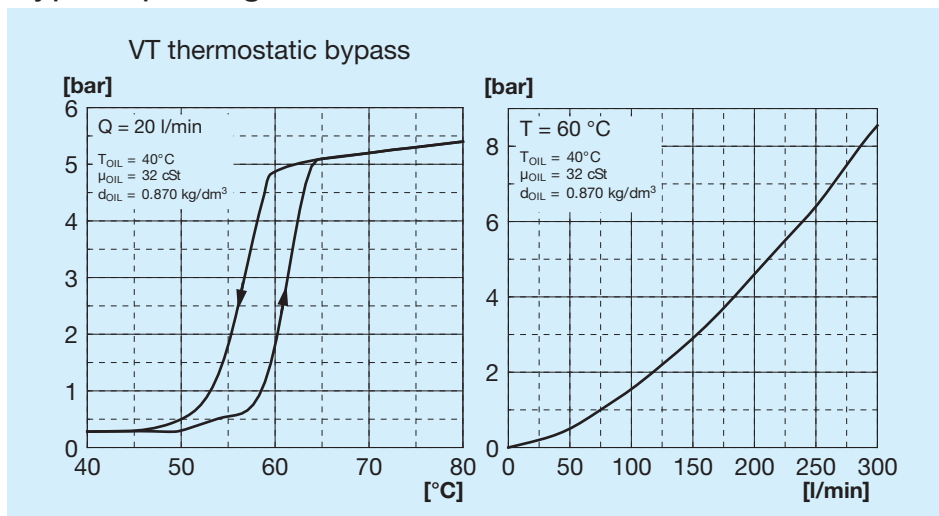
Heat exchange (thermal) capacity



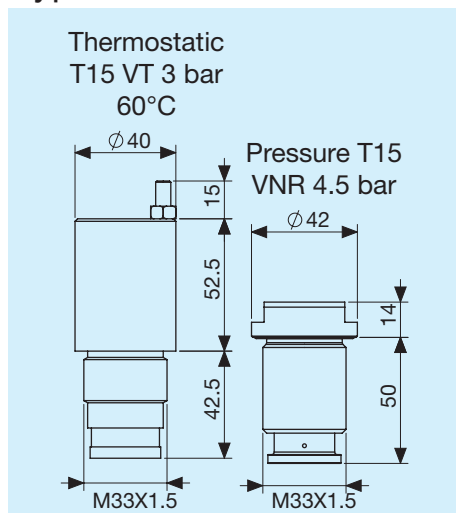
Radiator passage pressure drop



Bypass passage load loss

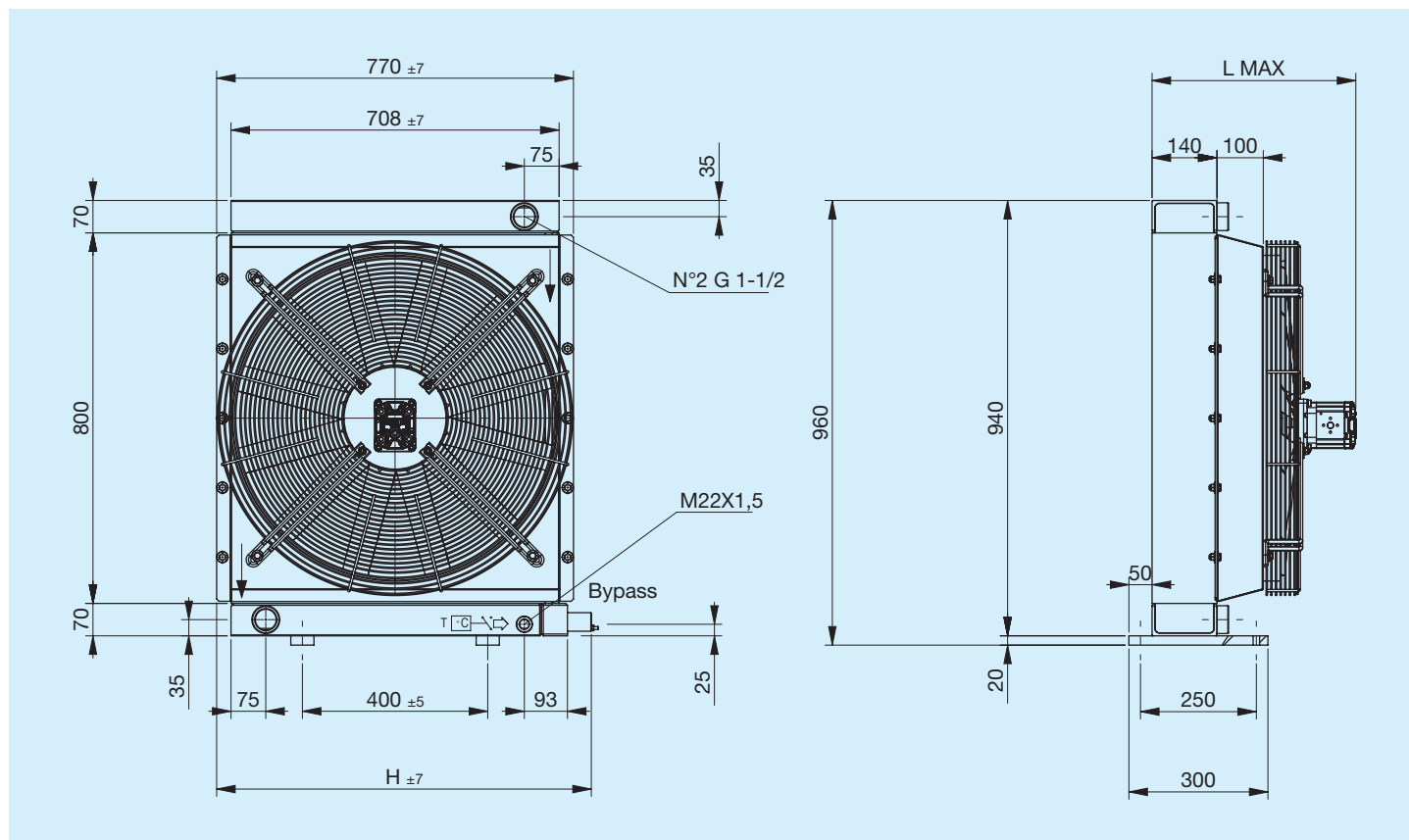


Bypass valves



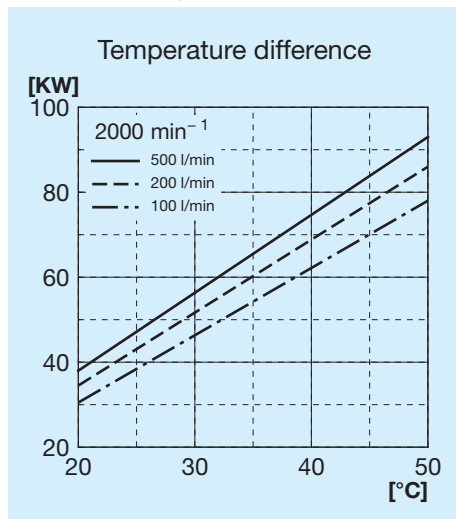
Legend

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

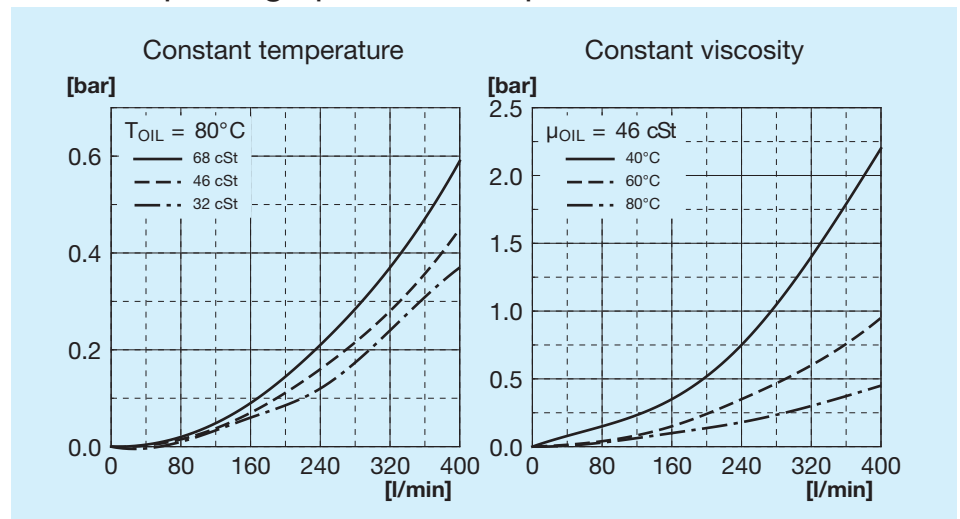


Code	Description	Ø Fan mm	Displacement motors cm ³ /h	L Max mm	H mm	Weight Kg	Capacity l
FR634273103	A106 IA SETT.GR2 bypass T15 V.T. 6 bar 50°C	690	—	370	809	80	32
FR634273104	A106 IS SETT.GR2 bypass T15 V.T. 6 bar 50°C	690	—	370	809	80	32
FR634271003	A106 IA SETT.GR2 bypass T15 VNR 4.5 bar	690	—	370	771	80	32
FR634271004	A106 IS SETT.GR2 bypass T15 VNR 4.5 bar	690	—	370	771	80	32
FR634273113	A106 IA HYDR.MOT. GR2 bypass T15 V.T. 6 bar 50°C	690	11	430	809	81	32
FR634273114	A106 IS HYDR.MOT. GR2 bypass T15 V.T. 6 bar 50°C	690	11	430	809	81	32
FR634271013	A106 IA HYDR.MOT. GR2 bypass T15 VNR 4.5 bar	690	11	430	771	81	32
FR634271014	A106 IS HYDR.MOT. GR2 bypass T15 VNR 4.5 bar	690	11	430	771	81	32
FR634270003	A106 IA SETT.GR2	690	—	370	770	80	32
FR634270004	A106 IS SETT.GR2	690	—	370	770	80	32
FR634270013	A106 IA HYDR.MOT. GR2	690	11	430	770	81	32
FR634270014	A106 IS HYDR.MOT. GR2	690	11	430	770	81	32

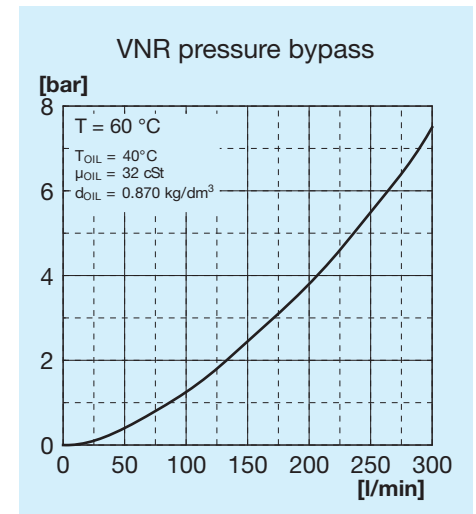
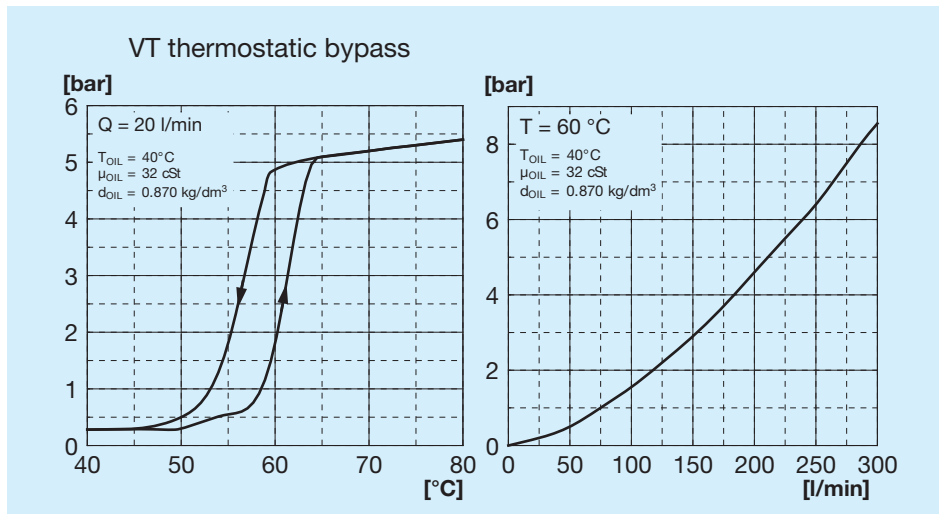
Heat exchange (thermal) capacity



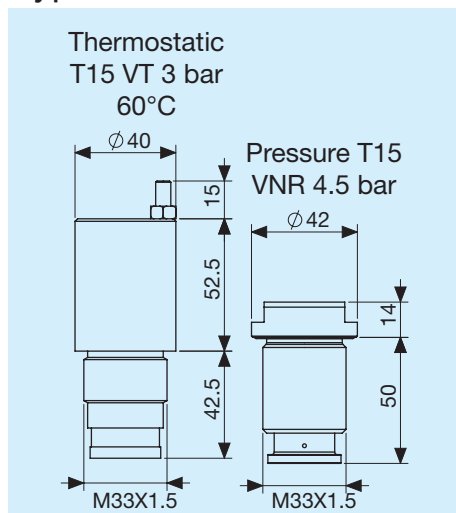
Radiator passage pressure drop



Bypass passage load loss



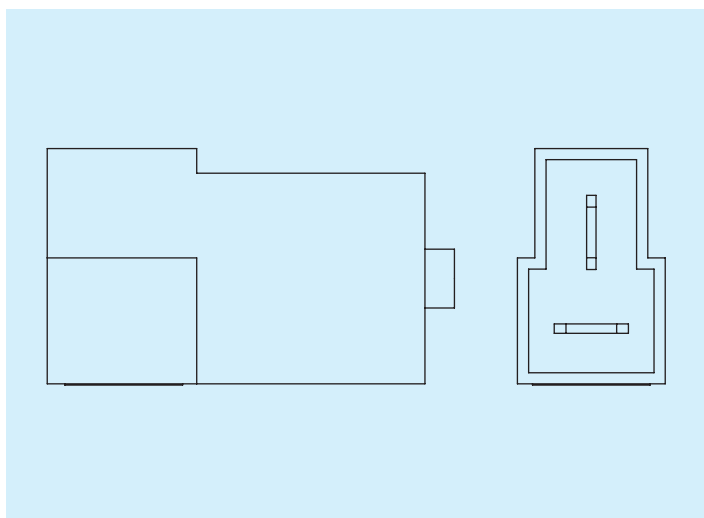
Bypass valves



Legend

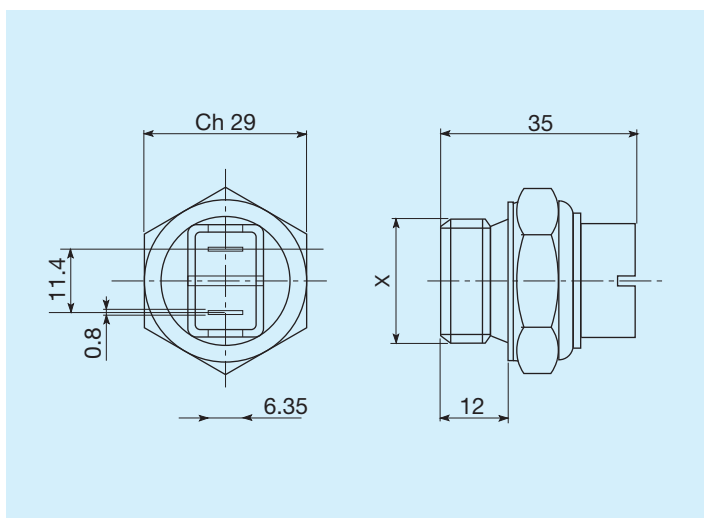
A56	Exchanger type
1E	1 Fan unit
AP	High power aspirating
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AX	Extra high power aspirating
SX	Extra high power blower
12V	Fan unit voltage
24V	Fan unit voltage
T15 VT	Thermostatic bypass valve 3 bar 60u00b0C
T15 VNR	Pressure bypass valve at 4.5 bar

Connector



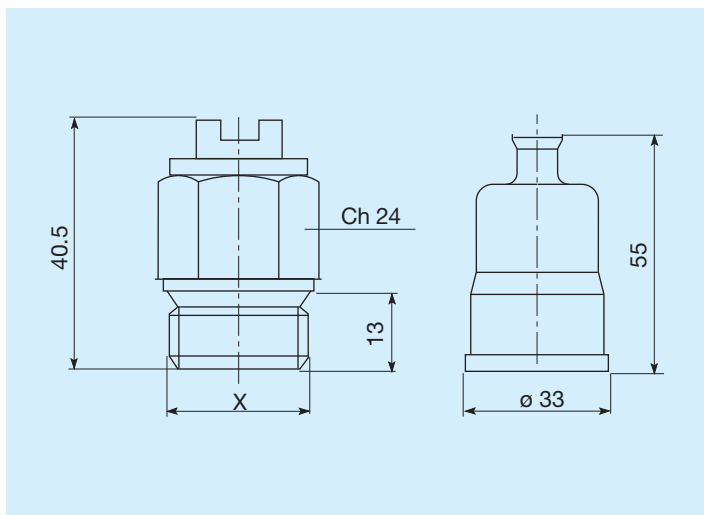
	Code
AMP connector	180908

Thermostats



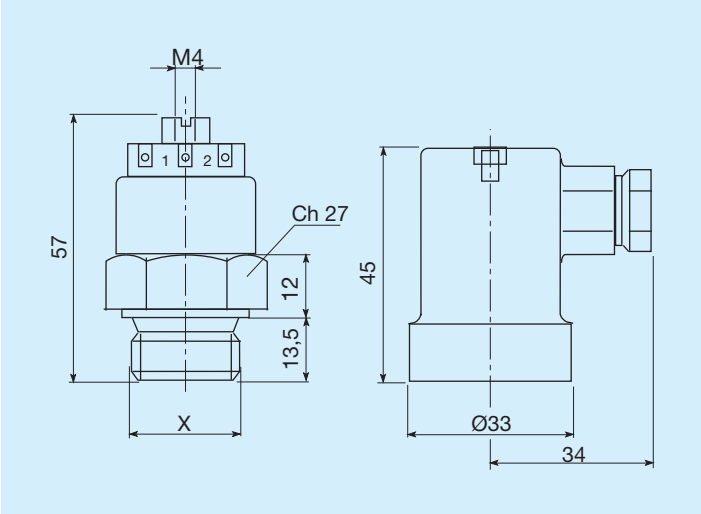
Trigger temperature °C		Code
45 - 35	M22x1.5	FR 361104535
60 - 50	M22x1.5	FR 361106050
80 - 70	M22x1.5	FR 361108070
82 - 68	M22x1.5	FR 361108268
85 - 76	M22x1.5	FR 361108576

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