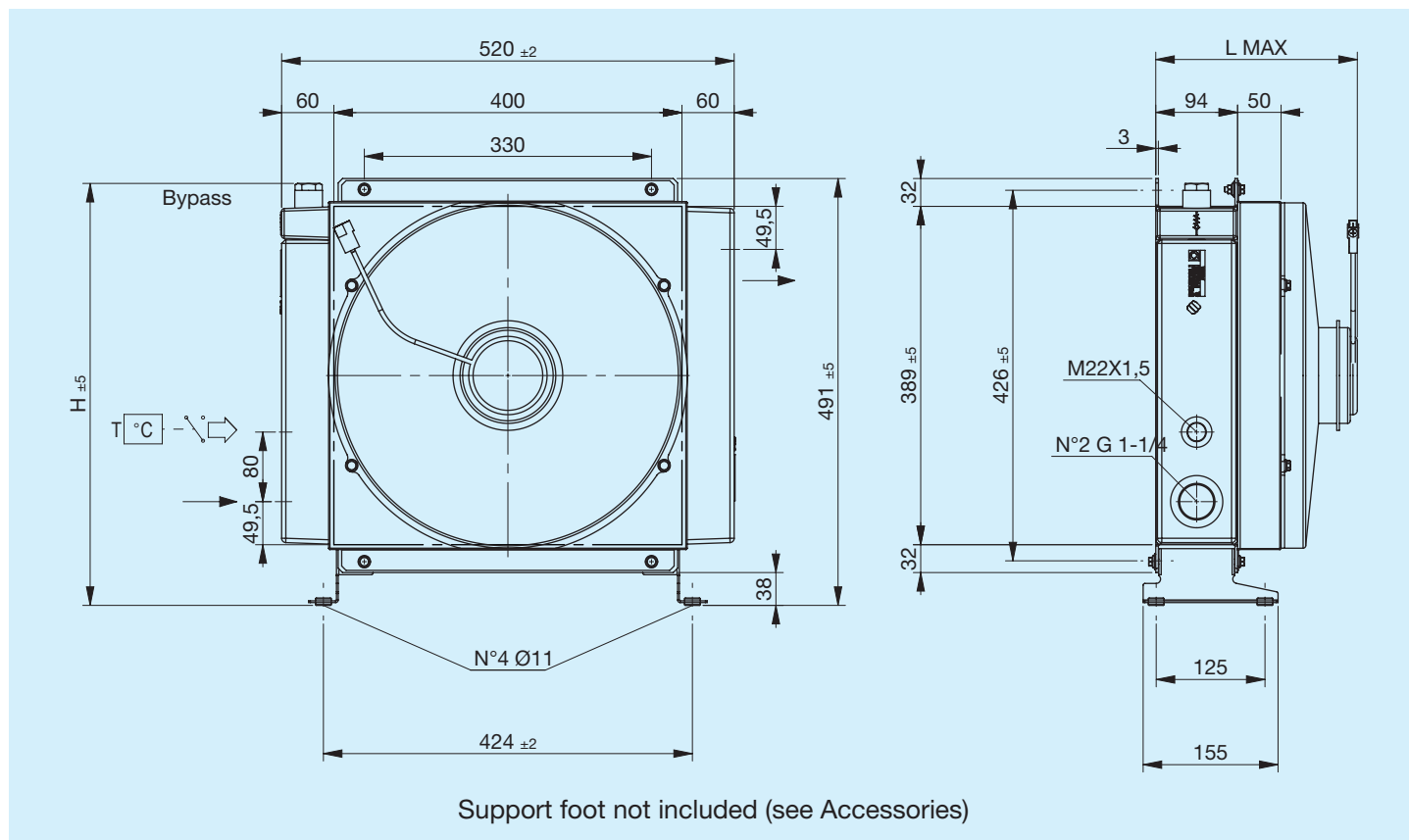


A56

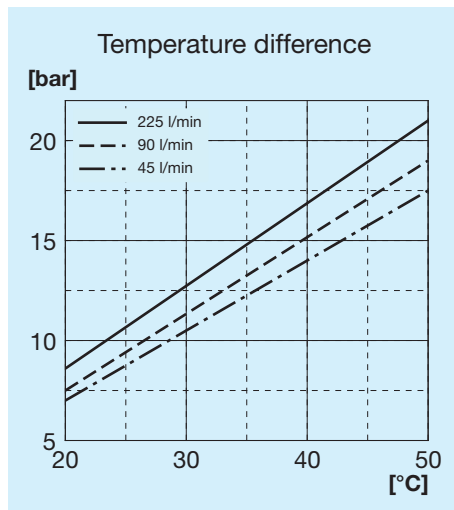


Before using the heat exchanger, carefully read the document entitled GENERAL INSTRUCTIONS FOR HEAT EXCHANGER USE.

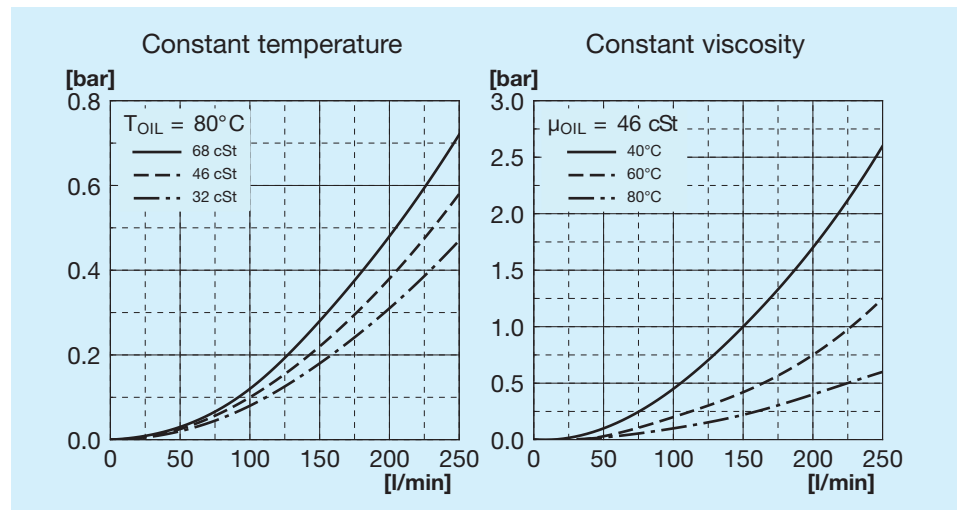


Code	Description	Ø Fan mm	Air flow rate m³/h	Voltage V	Current A	L Max mm	H mm	Weight Kg	Capacity l
FR633223105	A56 1EAX 12V bypass T15 V.T. 3 bar 60°C	385	2850	12	19,7	235	485	16.5	7.5
FR633223106	A56 1ESX 12V bypass T15 V.T. 3 bar 60°C	385	3070	12	18,7	235	485	16.5	7.5
FR633221005	A56 1EAX 12V bypass T15 VNR 4.5 bar	385	2850	12	19,7	235	469	16.5	7.5
FR633221006	A56 1ESX 12V bypass T15 VNR 4.5 bar	385	3070	12	18,7	235	469	16.5	7.5
FR633223115	A56 1EAX 24V bypass T15 V.T. 3 bar 60°C	385	3070	24	10	235	485	16.5	7.5
FR633223116	A56 1ESX 24V bypass T15 V.T. 3 bar 60°C	385	3180	24	9,4	235	485	16.5	7.5
FR633221015	A56 1EAX 24V bypass T15 VNR 4.5 bar	385	3070	24	10	235	469	16.5	7.5
FR633221016	A56 1ESX 24V bypass T15 VNR 4.5 bar	385	3180	24	9,4	235	469	16.5	7.5
FR633220003	A56 1EAP 12V	385	1260	12	7,4	200	492	15.5	7.5
FR633220004	A56 1ESP 12V	385	1280	12	7	200	492	15.5	7.5
FR633220005	A56 1EAX 12V	385	2850	12	19,7	235	492	16.5	7.5
FR633220006	A56 1ESX 12V	385	3070	12	18,7	235	492	16.5	7.5
FR633220013	A56 1EAP 24V	385	1410	24	4,2	200	492	15.5	7.5
FR633220014	A56 1ESP 24V	385	1380	24	3,9	200	492	15.5	7.5
FR633220015	A56 1EAX 24V	385	3070	24	10	235	492	16.5	7.5
FR633220016	A56 1ESX 24V	385	3180	24	9,4	235	492	16.5	7.5

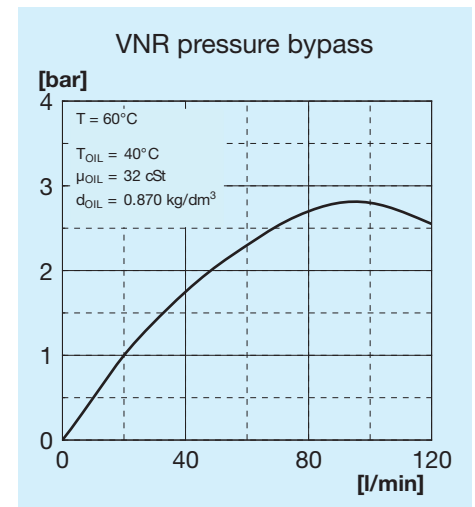
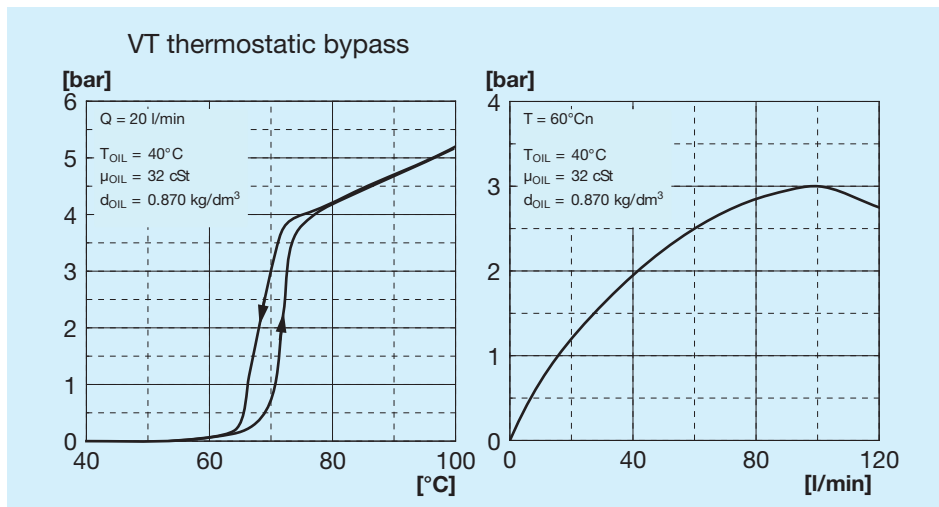
Heat exchange (thermal) capacity



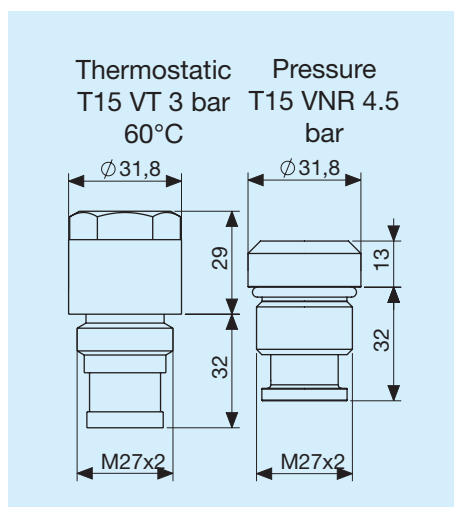
Radiator passage pressure drop



Bypass passage load loss

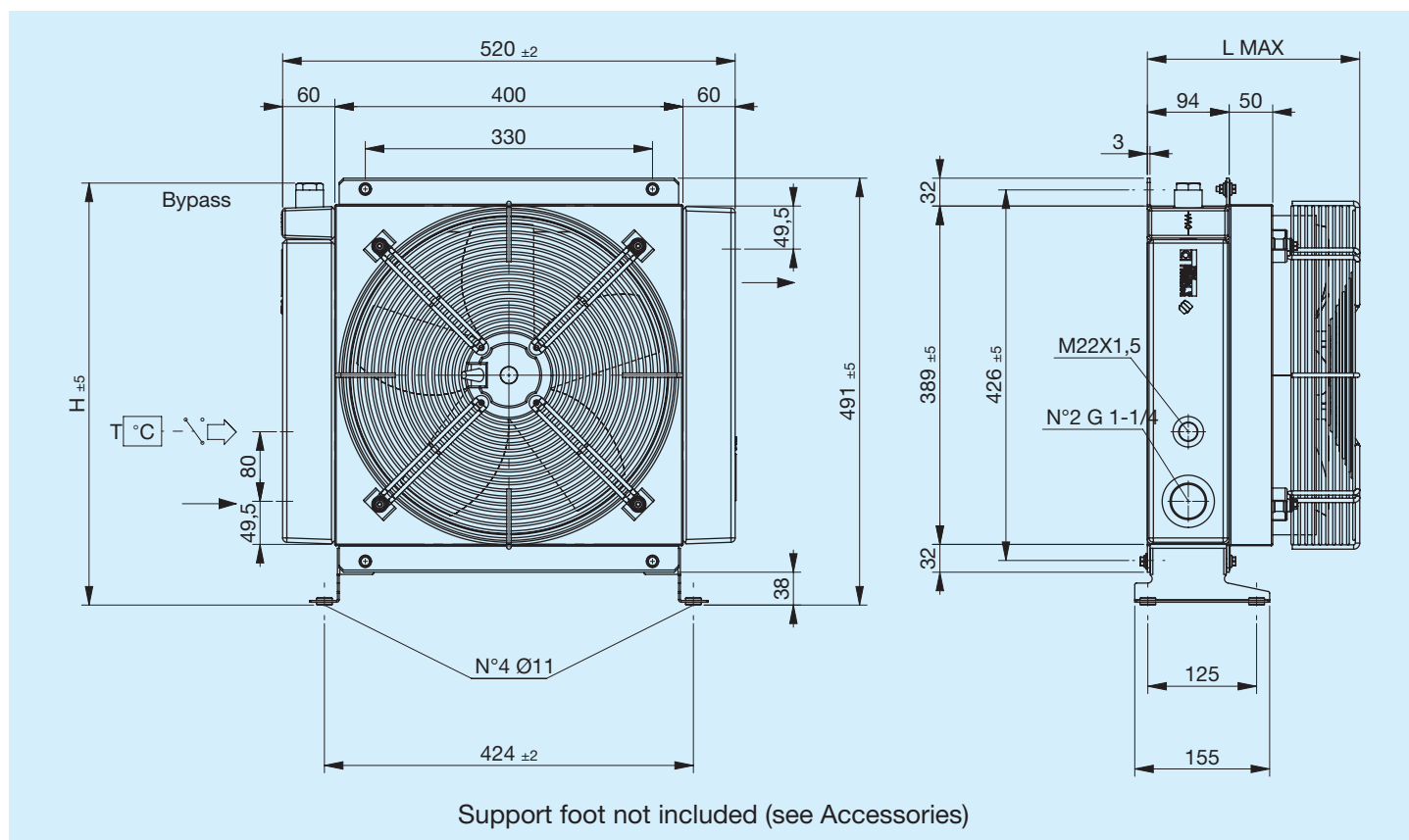


Bypass valves



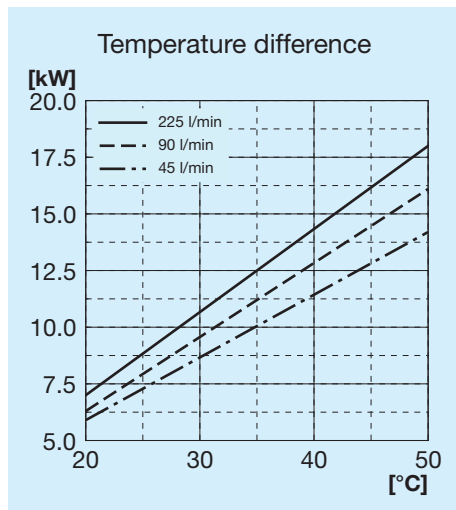
Legend

A56	Exchanger type
1E	1 Fan unit
A	Aspirating
S	Blowing
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

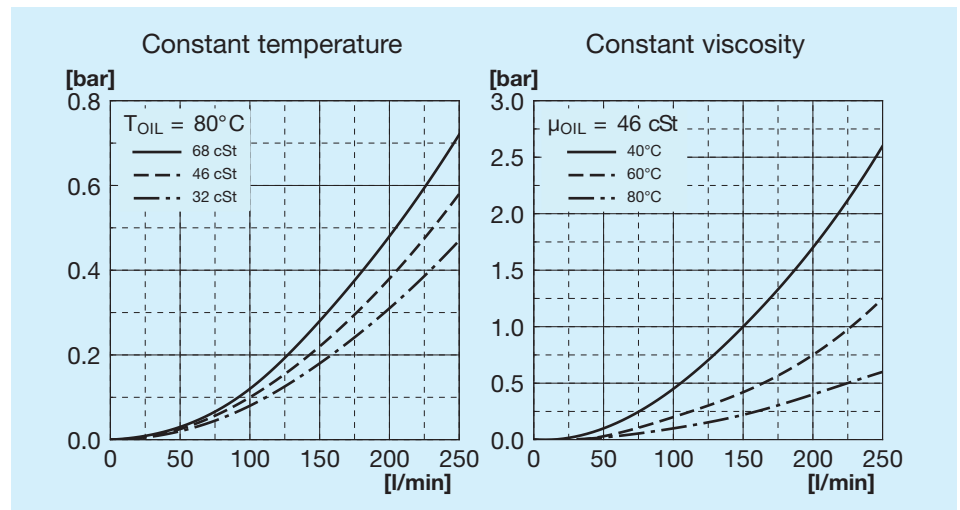


Code	Description	Ø Fan mm	Power W	Frequen- cy Hz	Speed min ⁻¹	Pro- tection IP	L Max mm	H mm	Weight Kg	Capacity l
FR633223131	A56 1EA 230V bypass T15 V.T. 3 bar 60°C	350	180	50 60	1365 1530	44	244	485	16.2	7.5
FR633223132	A56 1ES 230V bypass T15 V.T. 3 bar 60°C	350	180	50 60	1365 1530	44	244	485	16.2	7.5
FR633221031	A56 1EA 230V bypass T15 VNR 4.5 bar	350	180	50 60	1365 1530	44	244	469	16.2	7.5
FR633221032	A56 1ES 230V bypass T15 VNR 4.5 bar	350	180	50 60	1365 1530	44	244	469	16.2	7.5
FR633223121	A56 1EA 400V bypass T15 V.T. 3 bar 60°C	350	185	50 60	1420 1620	44	244	485	16.2	7.5
FR633223122	A56 1ES 400V bypass T15 V.T. 3 bar 60°C	350	185	50 60	1420 1620	44	244	485	16.2	7.5
FR633221021	A56 1EA 400V bypass T15 VNR 4.5 bar	350	185	50 60	1420 1620	44	244	469	16.2	7.5
FR633221022	A56 1ES 400V bypass T15 VNR 4.5 bar	350	185	50 60	1420 1620	44	244	469	16.2	7.5
FR633220031	A56 1EA 230V	350	180	50 60	1365 1530	44	244	493	16.2	7.5
FR633220032	A56 1ES 230V	350	180	50 60	1365 1530	44	244	493	16.2	7.5
FR633220021	A56 1EA 400V	350	185	50 60	1420 1620	44	244	493	16.2	7.5
FR633220022	A56 1ES 400V	350	185	50 60	1420 1620	44	244	493	16.2	7.5

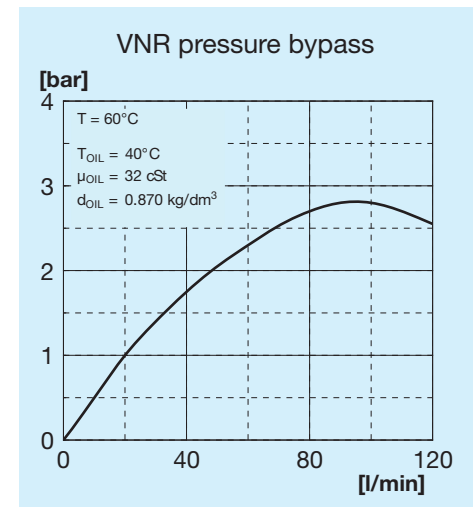
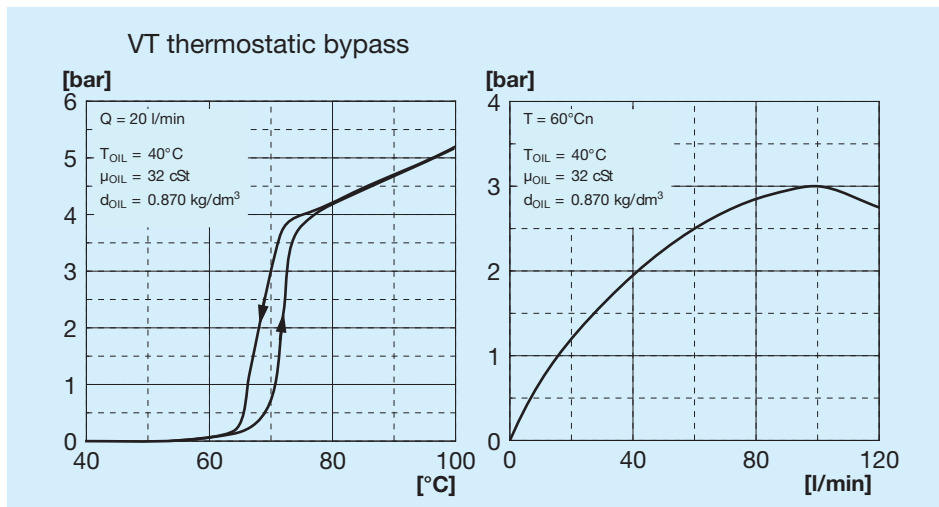
Heat exchange (thermal) capacity



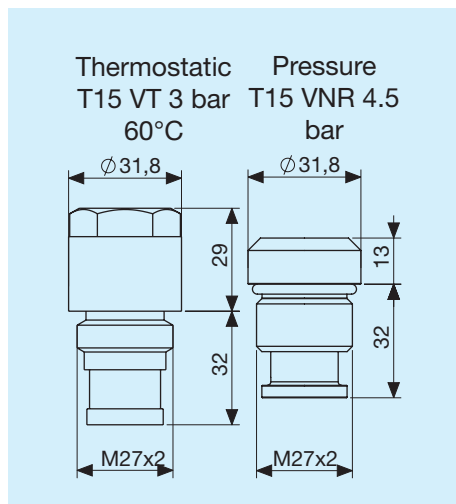
Radiator passage pressure drop



Bypass passage load loss

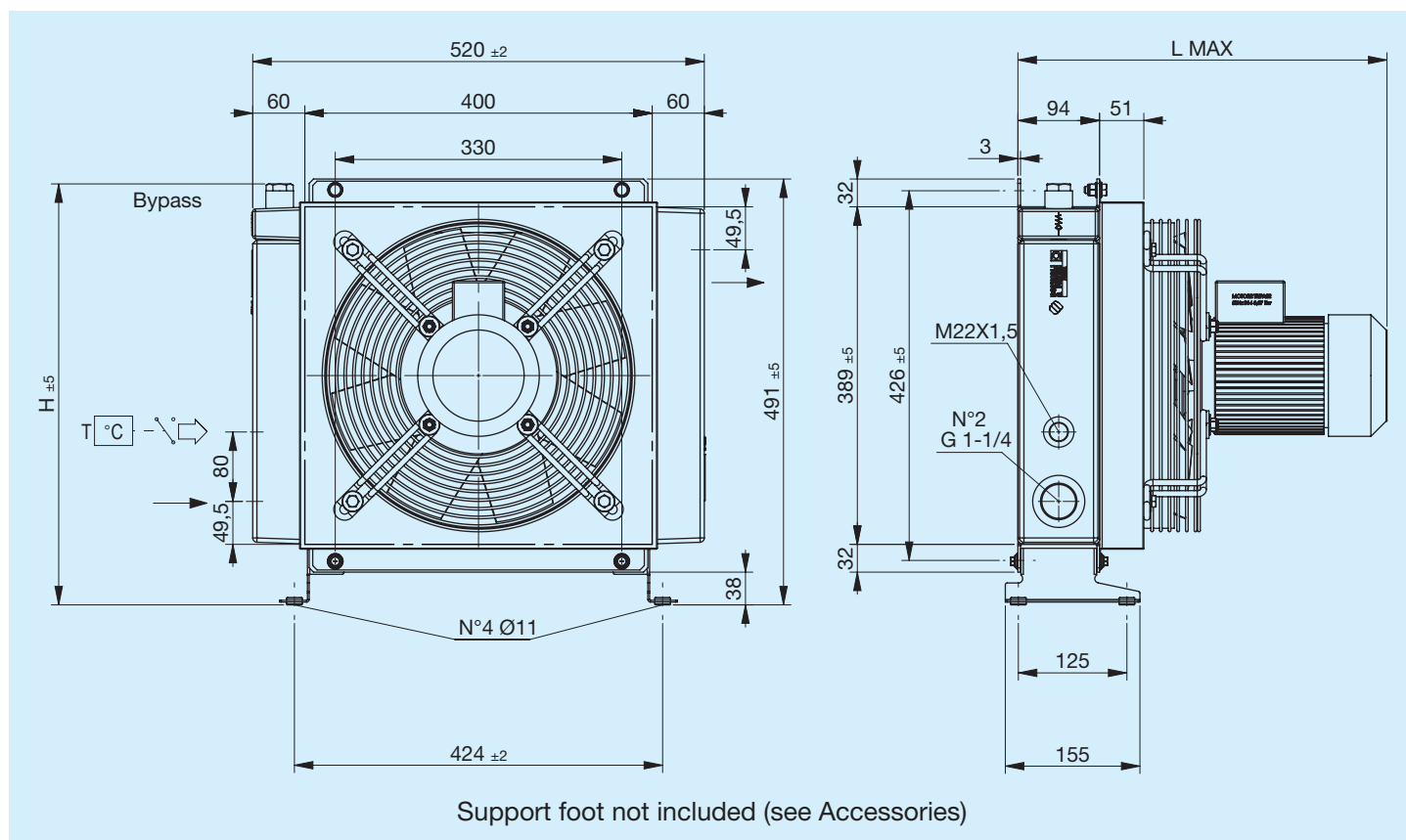


Bypass valves



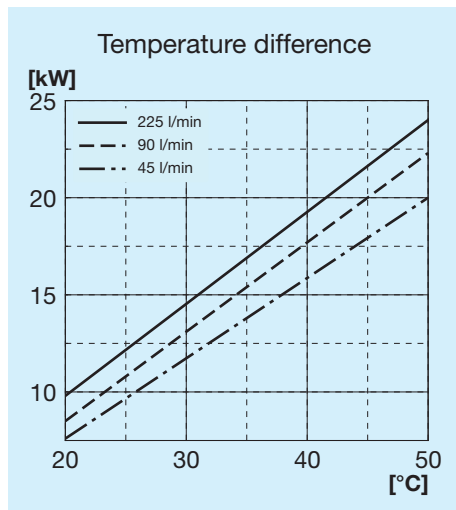
Legend

A56	Exchanger type
1E	1 Fan unit
A	Aspirating
S	Blowing
230V	Fan unit voltage
400V	Fan unit voltage
T15 VT	Thermostatic bypass valve 3 bar 60°C
T15 VNR	Pressure bypass valve at 4.5 bar

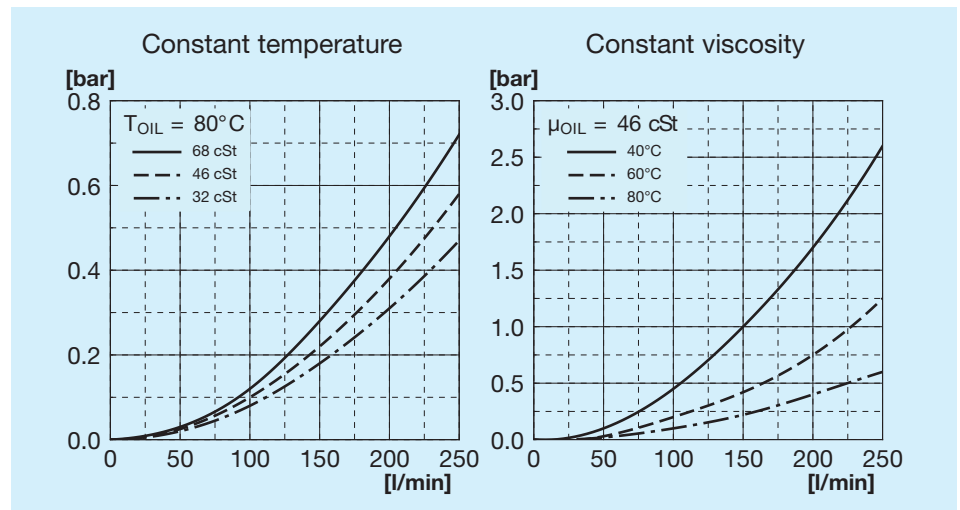


Code	Description	Ø Fan mm	Power W	Frequen- cy Hz	Speed min ⁻¹	Pro- tection IP	L Max mm	H mm	Weight Kg	Capacity l
FR633223141	A56 1EA 230V-B14 bypass T15 V.T. 3 bar 60°C	340	370	50	1390	65	425	485	25.2	7.5
FR633223142	A56 1ES 230V-B14 bypass T15 V.T. 3 bar 60°C	340	370	50	1390	65	425	485	25.2	7.5
FR633221041	A56 1EA 230V-B14 bypass T15 VNR 4.5 bar	340	370	50	1390	65	425	469	25.2	7.5
FR633221042	A56 1ES 230V-B14 bypass T15 VNR 4.5 bar	340	370	50	1390	65	425	469	25.2	7.5
FR633223151	A56 1EA 400V-B14 bypass T15 V.T. 3 bar 60°C	340	370	50	1390	65	425	485	25.2	7.5
FR633223152	A56 1ES 400V-B14 bypass T15 V.T. 3 bar 60°C	340	370	50	1390	65	425	485	25.2	7.5
FR633221051	A56 1EA 400V-B14 bypass T15 VNR 4.5 bar	340	370	50	1390	65	425	469	25.2	7.5
FR633221052	A56 1ES 400V-B14 bypass T15 VNR 4.5 bar	340	370	50	1390	65	425	469	25.2	7.5
FR633220041	A56 1EA 230V-B14	340	370	50	1390	65	425	492	25.2	7.5
FR633220042	A56 1ES 230V-B14	340	370	50	1390	65	425	492	25.2	7.5
FR633220051	A56 1EA 400V-B14	340	370	50	1390	65	425	492	25.2	7.5
FR633220052	A56 1ES 400V-B14	340	370	50	1390	65	425	492	25.2	7.5

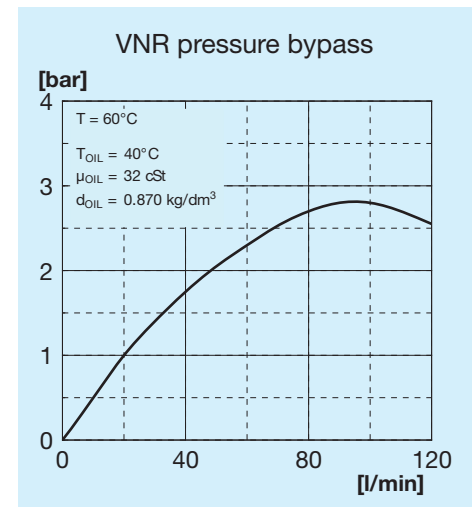
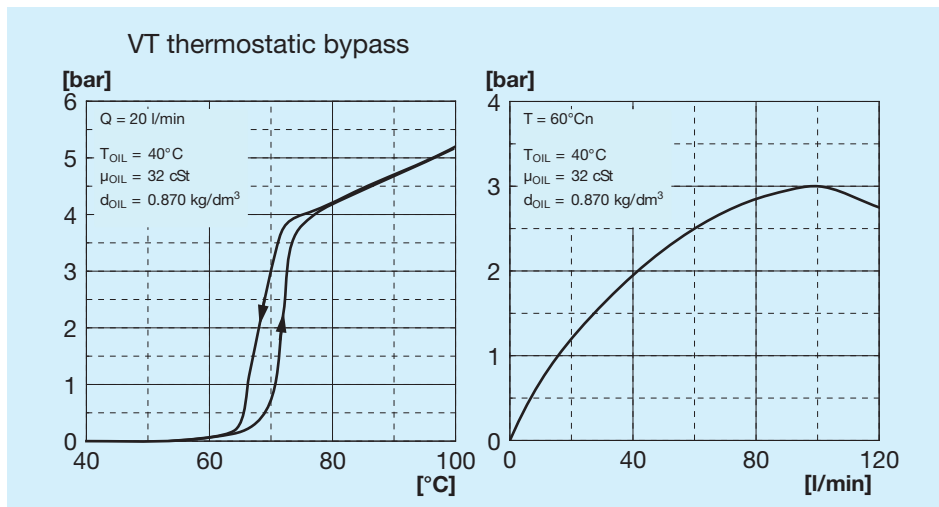
Heat exchange (thermal) capacity



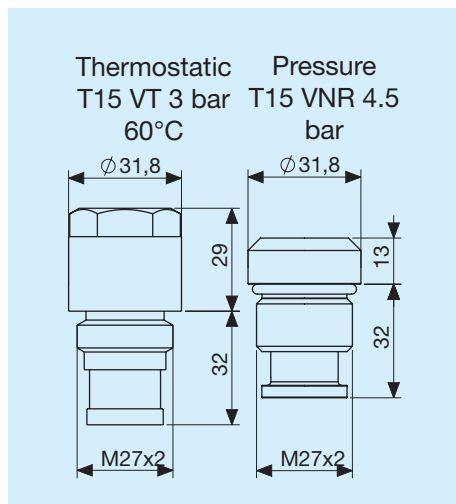
Radiator passage pressure drop



Bypass passage load loss

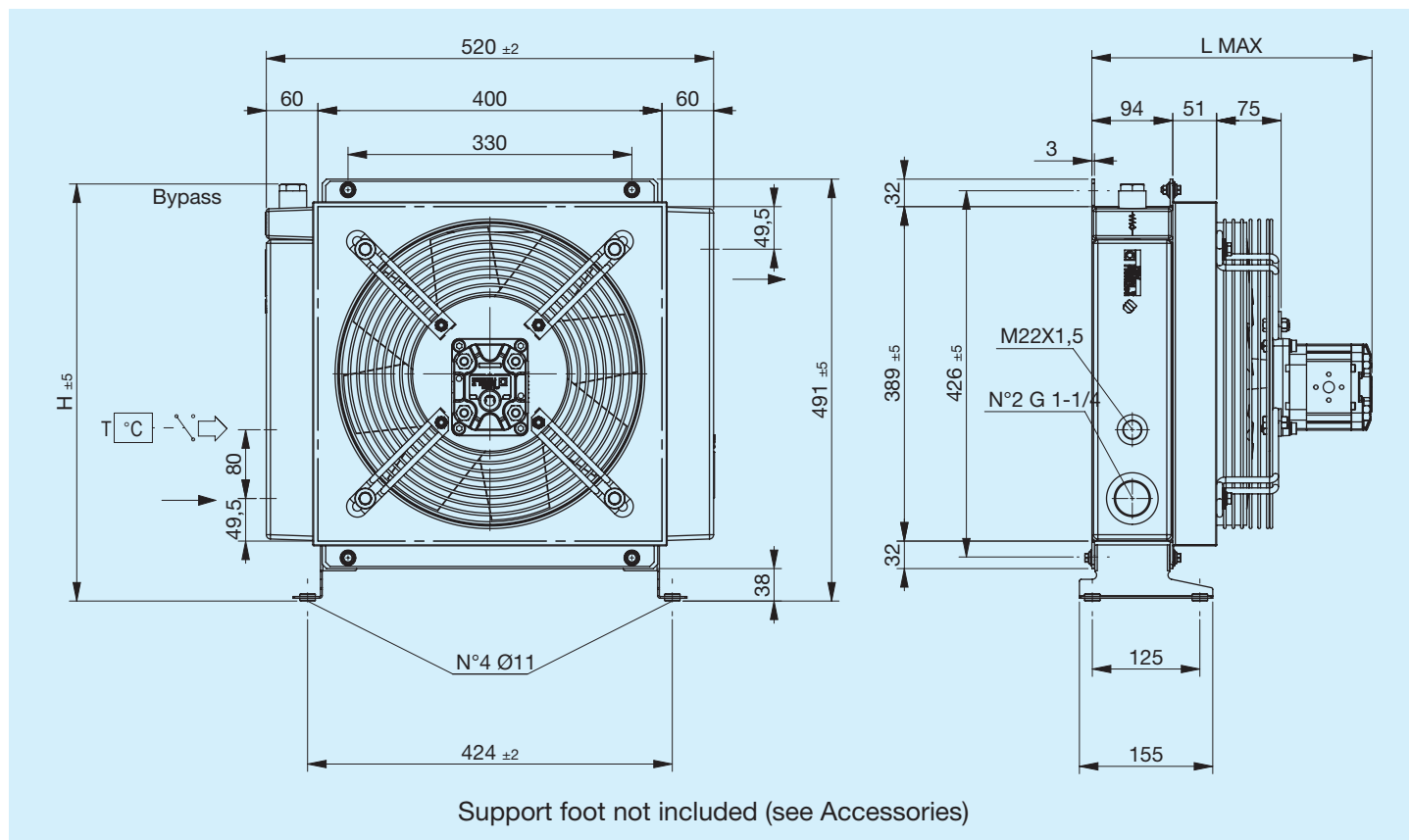


Bypass valves



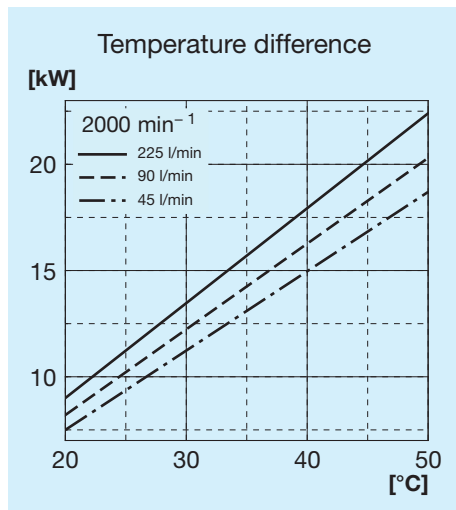
Legend

A56	Exchanger type
1E	1 Fan unit
A	Aspirating
S	Blowing
230V B14	Fan unit voltage
400V B14	Fan unit voltage
T15 VT	Thermostatic bypass valve 3 bar 60°C
T15 VNR	Pressure bypass valve at 4.5 bar

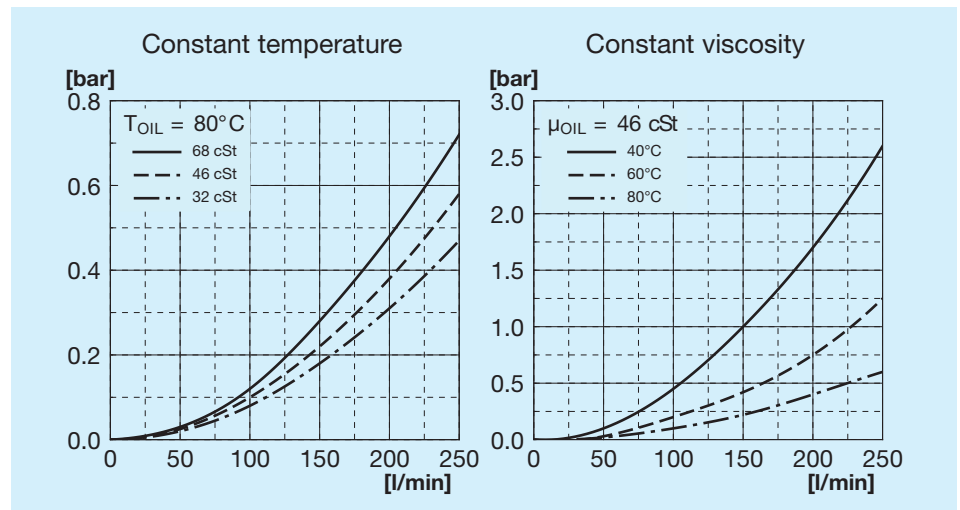


Code	Description	Ø Fan mm	Motor displace- ment cm ³ /h	L Max mm	H mm	Weight Kg	Capacity l
FR634223101	A56 IA SETT.GR2 bypass T15 V.T. 3 bar 60°C	340	—	260	485	18	7.5
FR634223102	A56 IS SETT.GR2 bypass T15 V.T. 3 bar 60°C	340	—	260	485	18	7.5
FR634221001	A56 IA SETT.GR2 bypass T15 VNR 4.5 bar	340	—	260	469	18	7.5
FR634221002	A56 IS SETT.GR2 bypass T15 VNR 4.5 bar	340	—	260	469	18	7.5
FR634223103	A56 IA HYDR.MOT. GR2 bypass T15 V.T. 3 bar 60°C	340	6	320	485	19	7.5
FR634223104	A56 IS HYDR.MOT. GR2 bypass T15 V.T. 3 bar 60°C	340	6	320	485	19	7.5
FR634221003	A56 IA HYDR.MOT. GR2 bypass T15 VNR 4.5 bar	340	6	320	469	19	7.5
FR634221004	A56 IS HYDR.MOT. GR2 bypass T15 VNR 4.5 bar	340	6	320	469	19	7.5
FR634220001	A56 IA SETT.GR2	340	—	260	492	18	7.5
FR634220002	A56 IS SETT.GR2	340	—	260	492	18	7.5
FR634220003	A56 IA HYDR.MOT. GR2	340	6	320	492	19	7.5
FR634220004	A56 IS HYDR.MOT. GR2	340	6	320	492	19	7.5

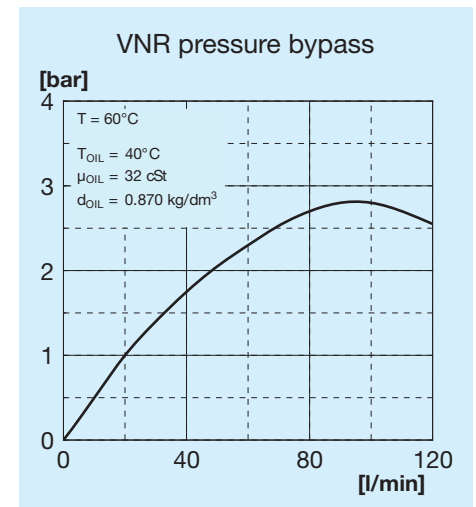
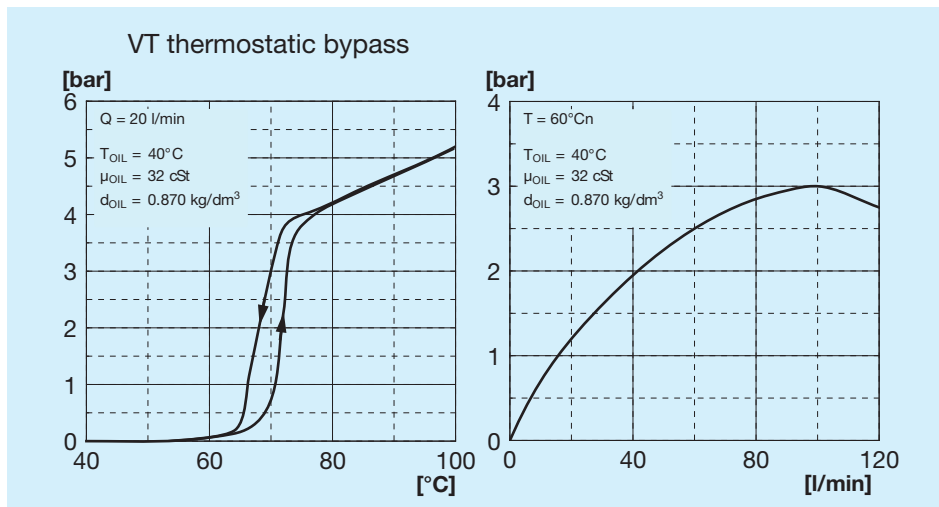
Heat exchange (thermal) capacity



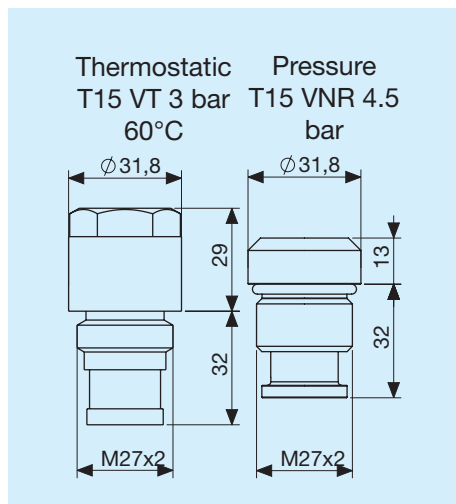
Radiator passage pressure drop



Bypass passage load loss



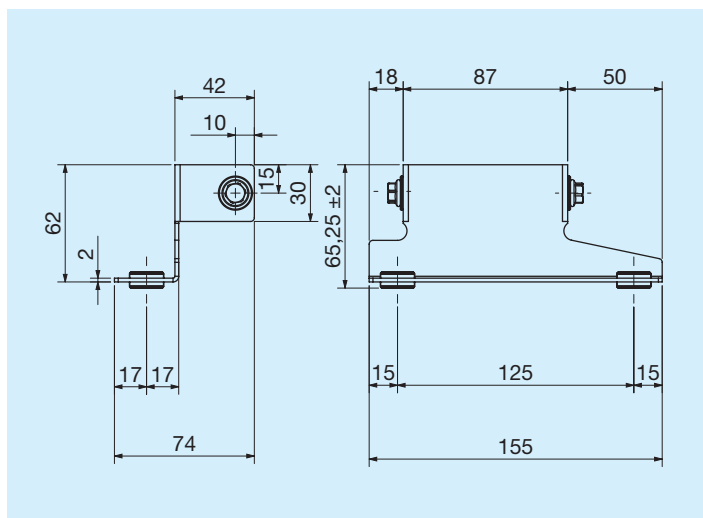
Bypass valves



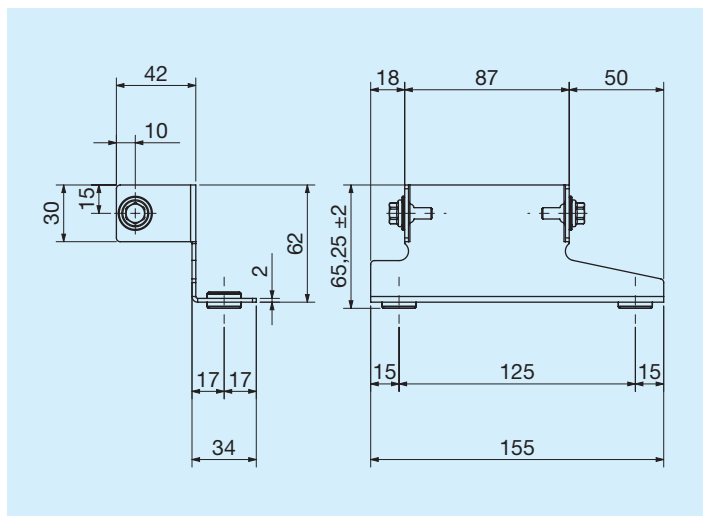
Legend

A56	Exchanger type
IA	Hydraulic aspirating
IS	Hydraulic blowing
SETT.	With motor mounting
HYD. MOT.	With integrated motor mounting
GR1	Group 1
GR2	Group 2
T15 VT	Thermostatic bypass valve 3 bar 60°C
T15 VNR	Pressure bypass valve at 4.5 bar

Left supporting foot

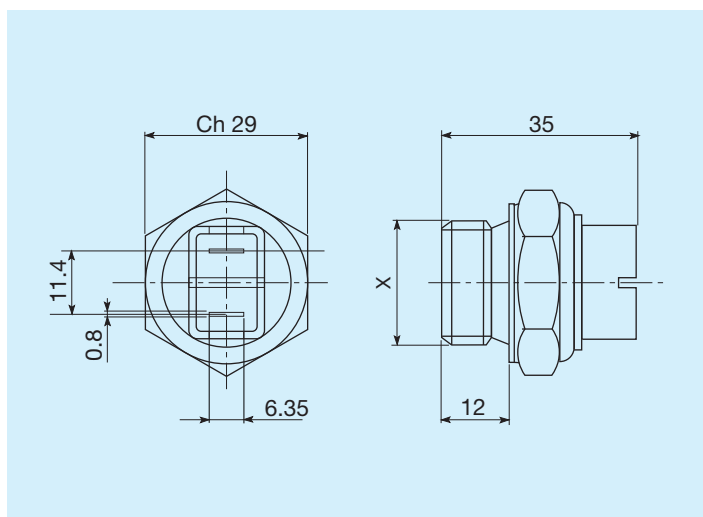


Code	
Left supporting foot	FR290000023R



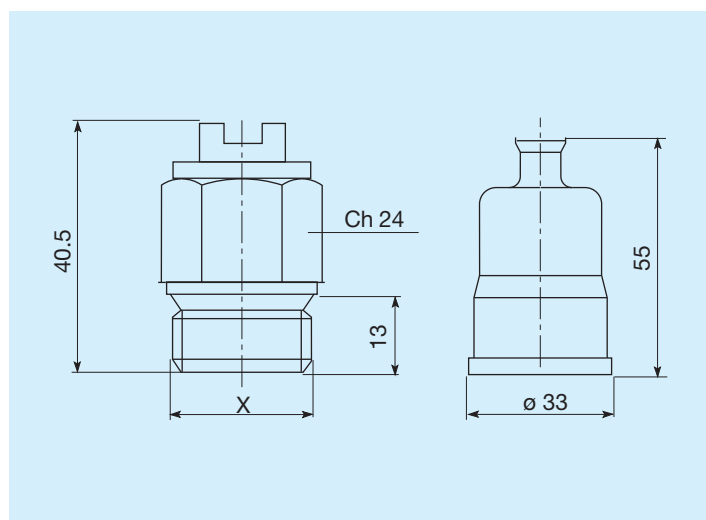
Code	
Right supporting foot	FR290000024R

Thermostats



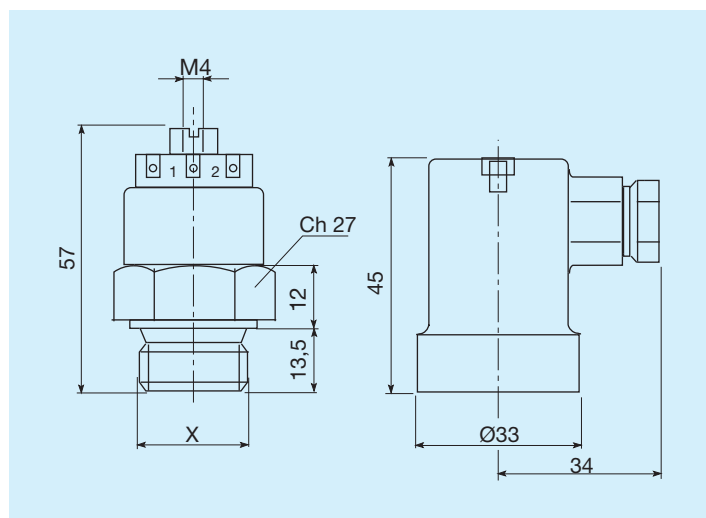
Trigger temperature C°	Threading	Code
45 - 35	M22x1.5	FR361104535R
60 - 50	M22x1.5	FR361106050R
80 - 70	M22x1.5	FR361108070R
82 - 68	M22x1.5	FR361108268R
85 - 76	M22x1.5	FR361108576R

IP54 protected thermal switch



Trigger temperature C°	Threading	Code
45 - 35	M22x1.5	FR361124535R
50 - 40	M22x1.5	FR361125040R
60 - 50	M22x1.5	FR361126050R
70 - 60	M22x1.5	FR361127060R
80 - 70	M22x1.5	FR361128070R

IP65 protected thermal switch



Trigger temperature C°	Threading	Code
45 - 35	M22x1.5	FR361154535R
47 - 36	M22x1.5	FR361155040R
60 - 50	M22x1.5	FR361156050R
80 - 70	M22x1.5	FR361158070R