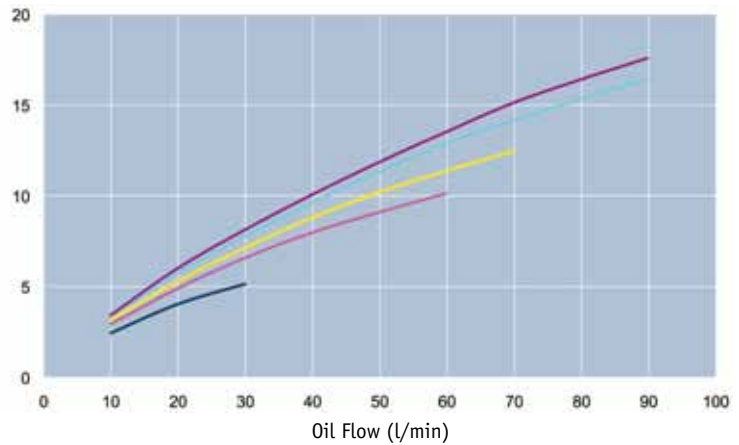
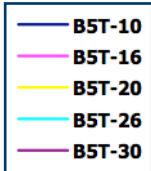


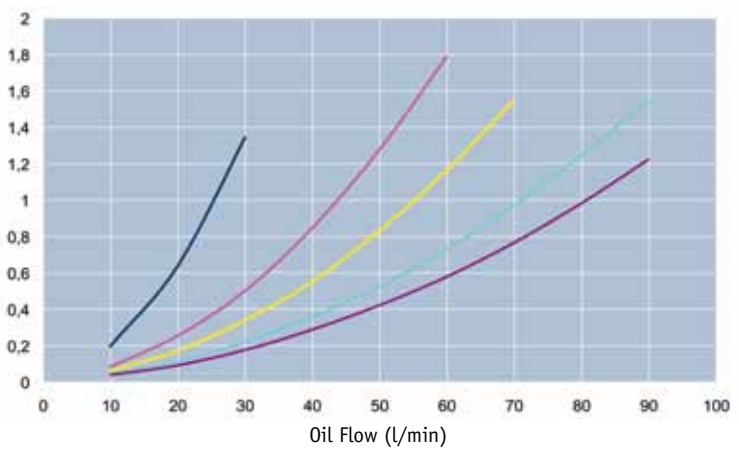
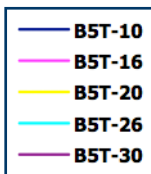
Oil type: ISO VG 46
Oil/water flow ratio: 2/1

Inlet oil temperature 60°C at Δp max 2 bar
Inlet water temperature 20°C

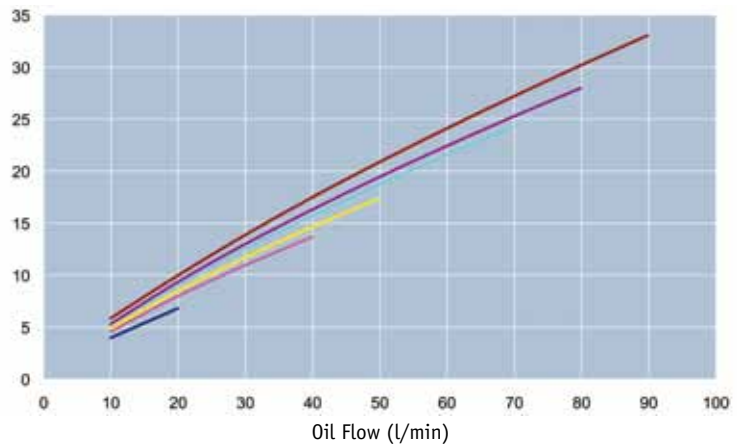
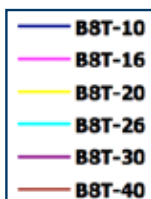
**Heat Load (kW)
B5T**



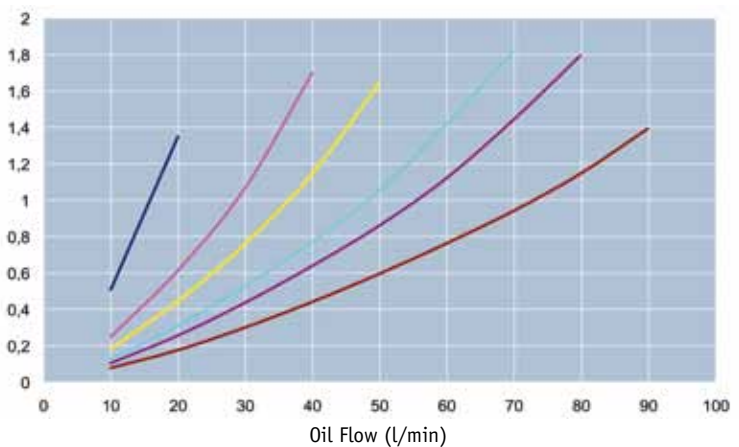
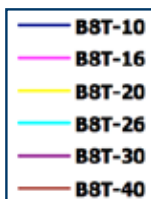
**Pressure Drop (bar)
B5T**



**Heat Load (kW)
B8T**



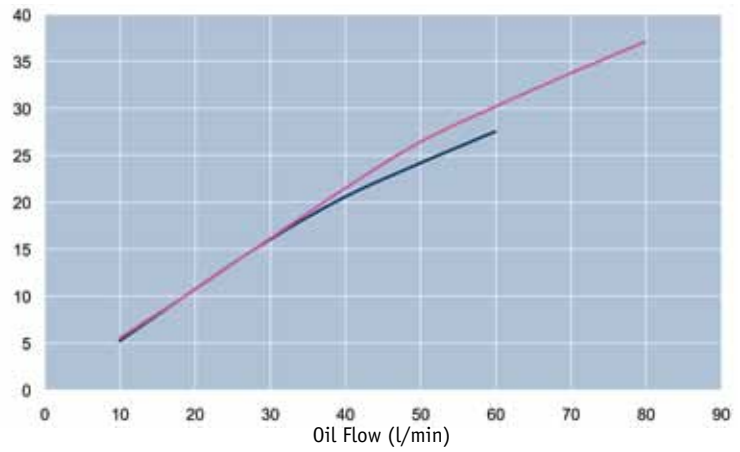
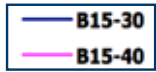
**Pressure Drop (bar)
B8T**



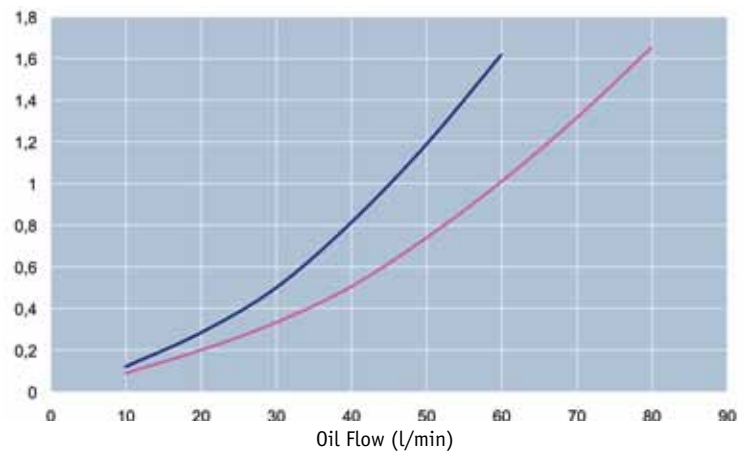
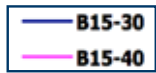
Oil type: ISO VG 46
Oil/water flow ratio: 2/1

Inlet oil temperature 60°C at Δp max 2 bar
Inlet water temperature 20°C

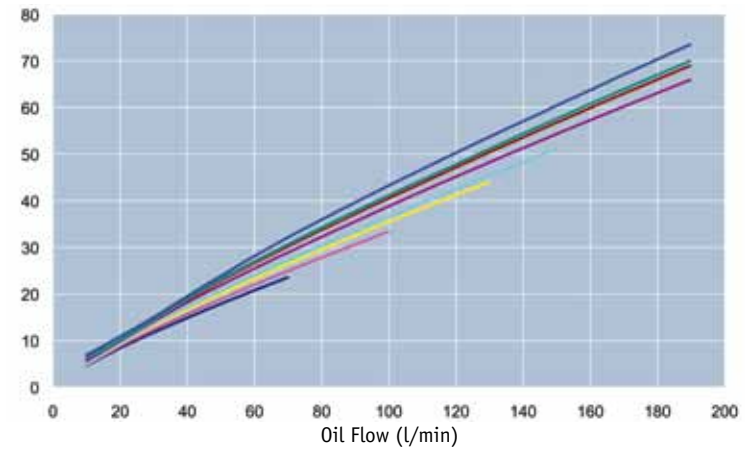
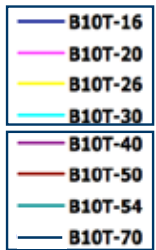
**Heat Load (kW)
B15**



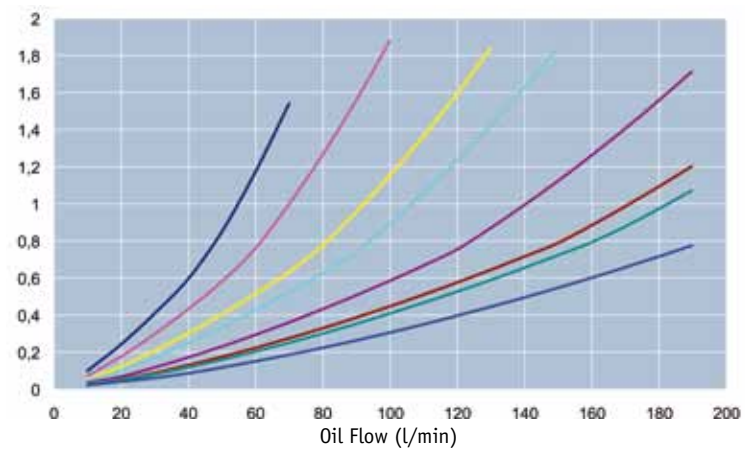
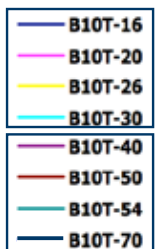
**Pressure Drop (bar)
B15**



**Heat Load (kW)
B10T**



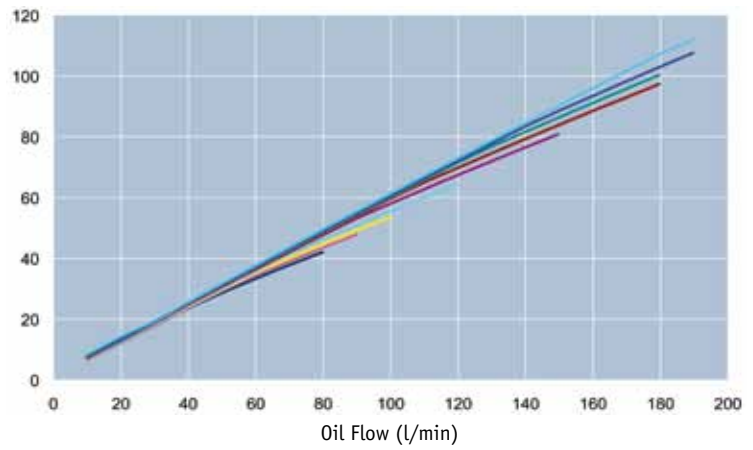
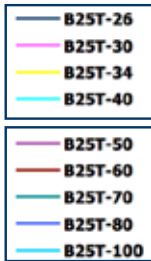
**Pressure Drop (bar)
B10T**



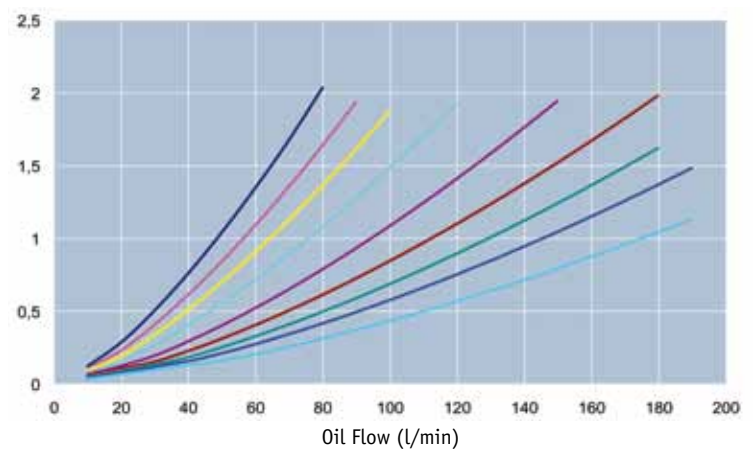
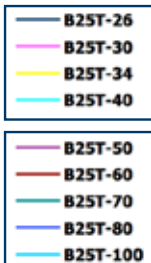
Oil type: ISO VG 46
Oil/water flow ratio: 2/1

Inlet oil temperature 60°C at Δp max 2 bar
Inlet water temperature 20°C

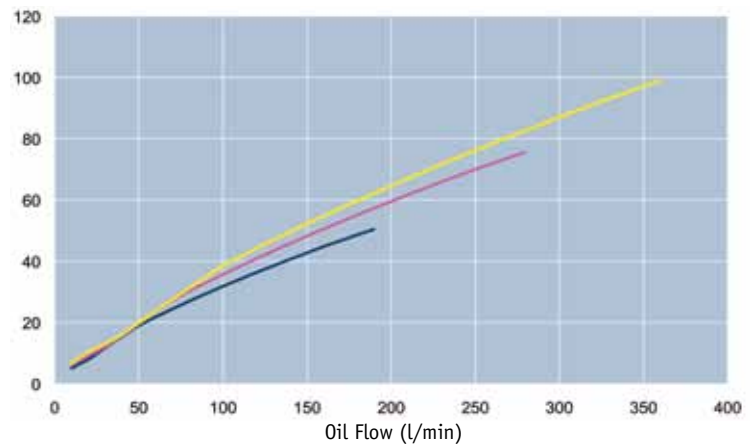
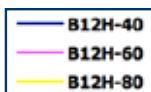
**Heat Load (kW)
B25T**



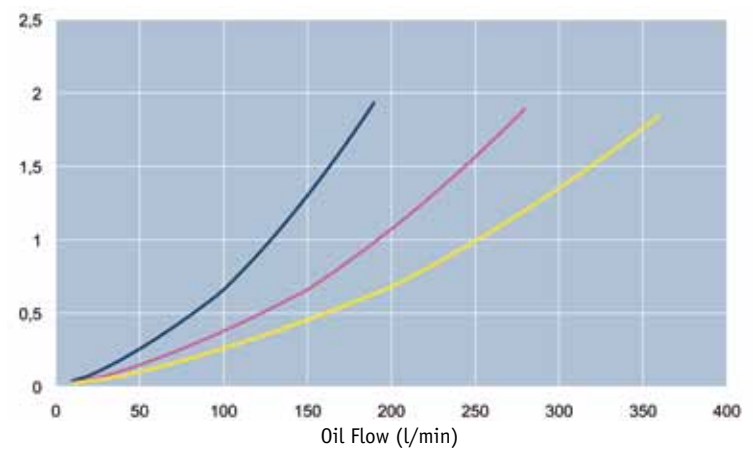
**Pressure Drop (bar)
B25T**



**Heat Load (kW)
B12**



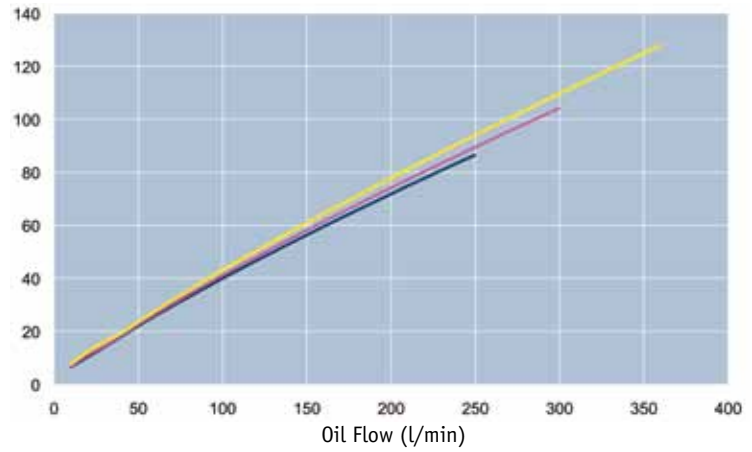
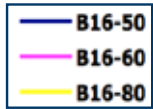
**Pressure Drop (bar)
B12**



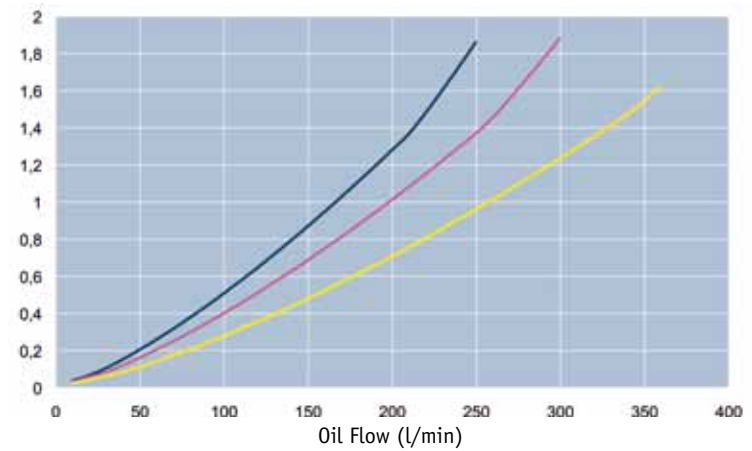
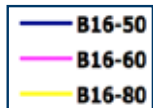
Oil type: ISO VG 46
Oil/water flow ratio: 2/1

Inlet oil temperature 60°C at Δp max 2 bar
Inlet water temperature 20°C

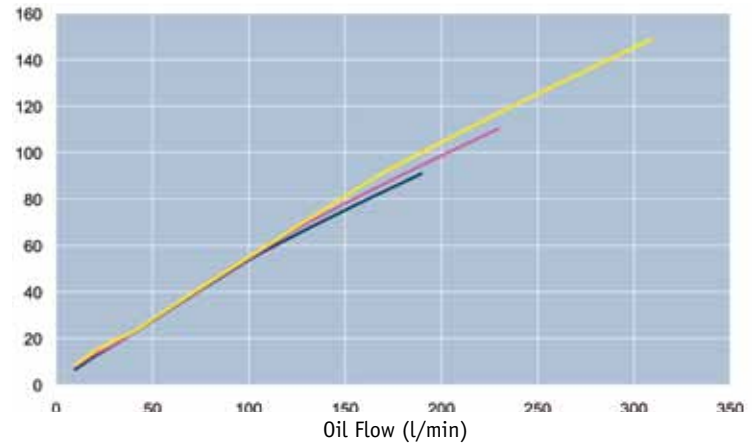
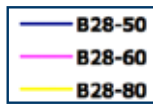
**Heat Load (kW)
B16**



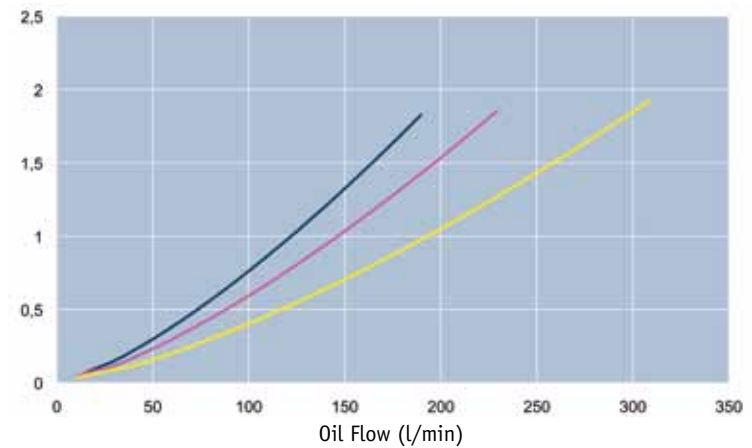
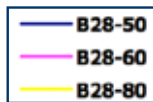
**Pressure Drop (bar)
B16**



**Heat Load (kW)
B28**



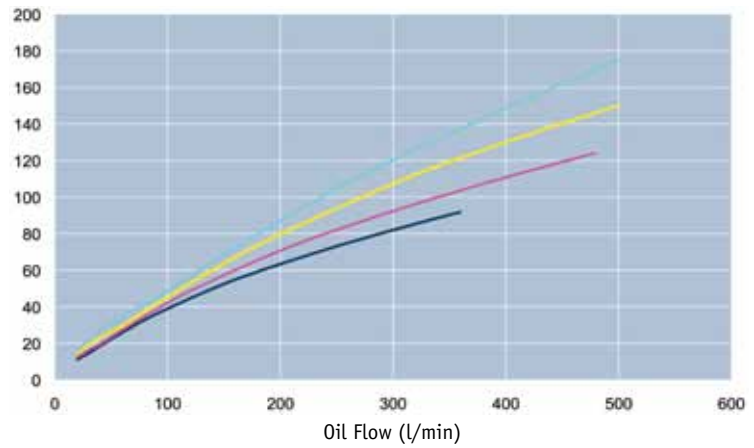
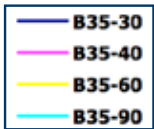
**Pressure Drop (bar)
B28**



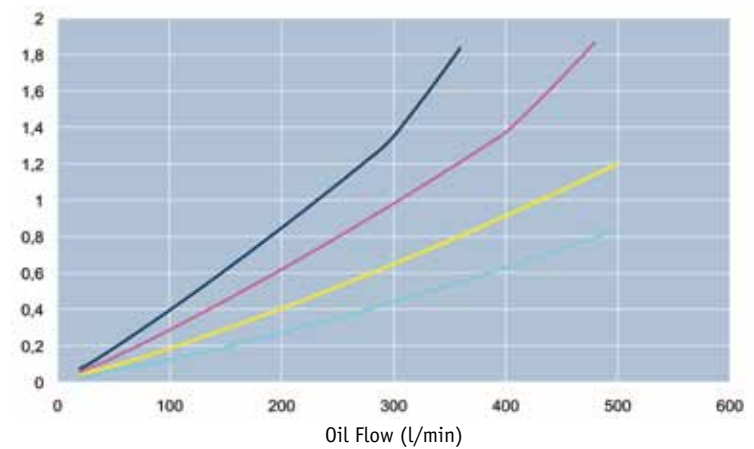
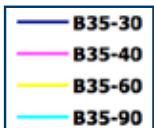
Oil type: ISO VG 46
Oil/water flow ratio: 2/1

Inlet oil temperature 60°C at Δp max 2 bar
Inlet water temperature 20°C

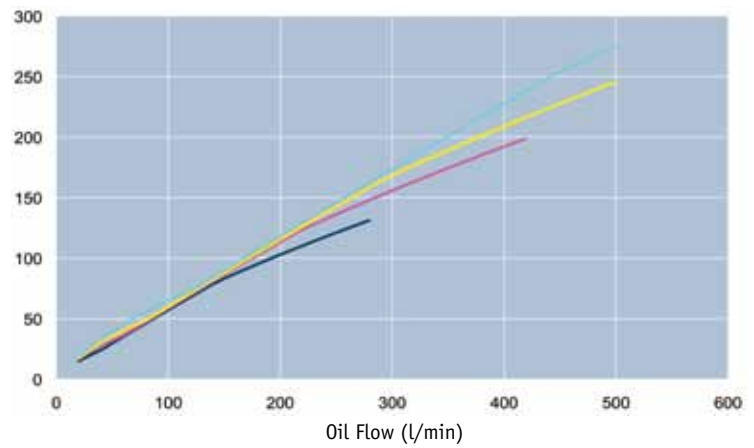
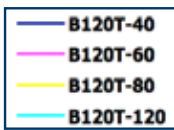
**Heat Load (kW)
B35**



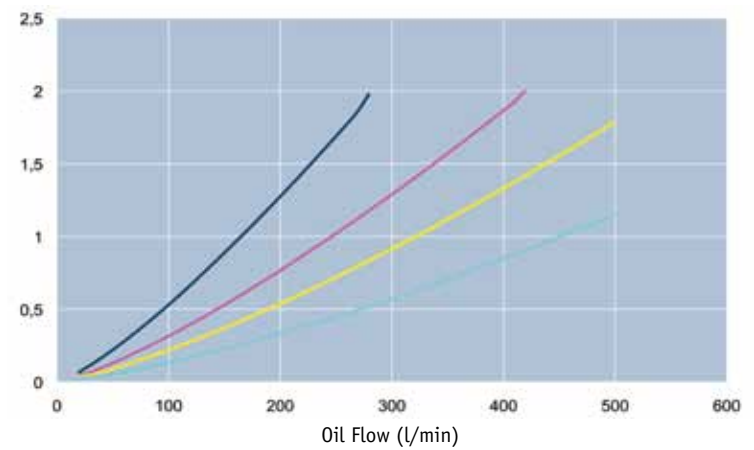
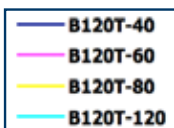
**Pressure Drop (bar)
B35**



**Heat Load (kW)
B120T**



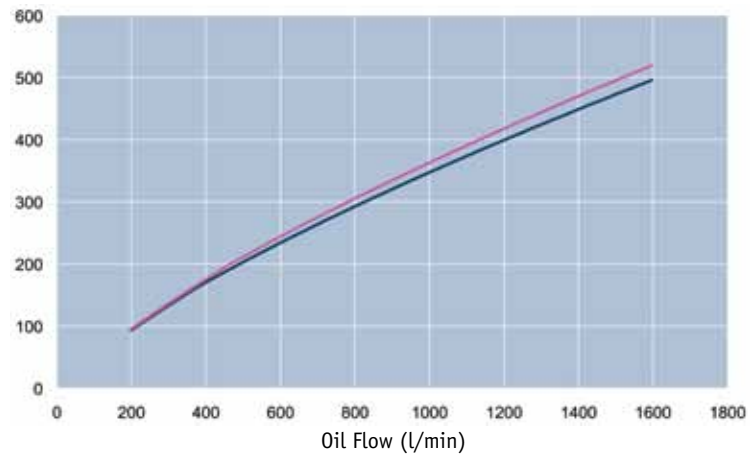
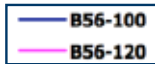
**Pressure Drop (bar)
B120T**



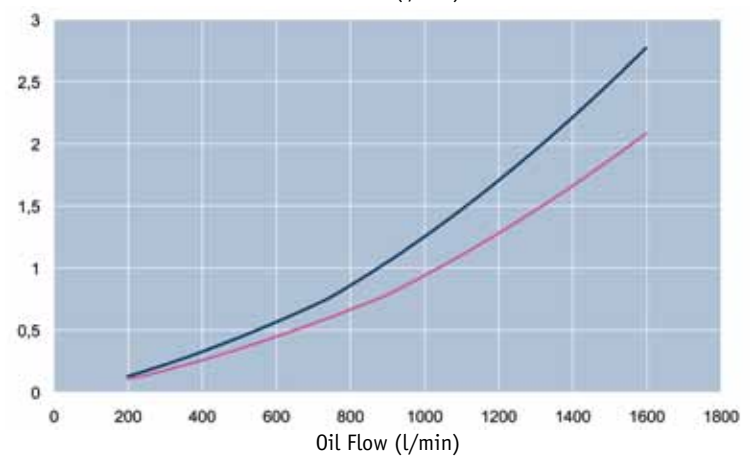
Oil type: ISO VG 46
Oil/water flow ratio: 2/1

Inlet oil temperature 60°C at Δp max 2 bar
Inlet water temperature 20°C

**Heat Load (kW)
B56**



**Pressure Drop (bar)
B56**



**We offer a lot more
than excellent coolers**

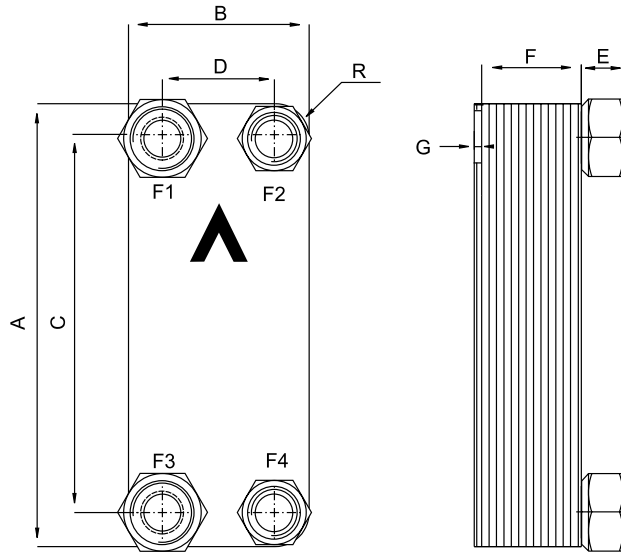
Together we review all conditions, i.e. the water oil cooler performance, the working environment, type of fluid to be cooled etc. Because of our deep knowledge and long experience, we can build on previous solutions and discuss with you all feasible solutions. All information will be entered in the calculation program, which will quickly and accurately show the most adequate solution.

Our user-friendly calculation program is a simple and easily accessible aid, which based on given parameters, will select the most adequate cooler with regard to function and economy.

The program can easily be downloaded at no charge from www.olaer.se. Our technicians are, of course, at your disposal if you have any inquiries about the program and its use.



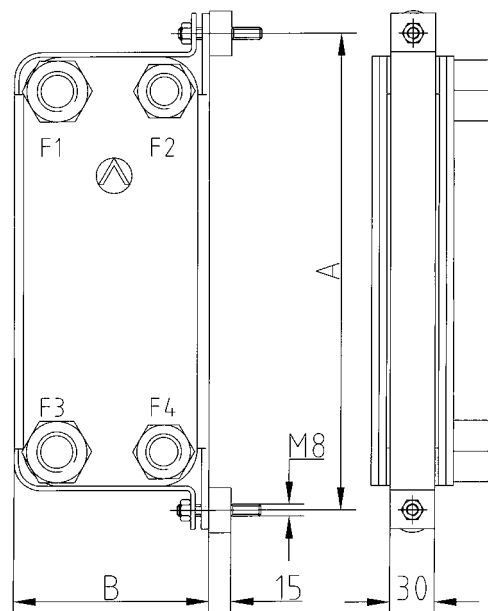
PWO STANDARD range of water oil coolers is available in a wide number of sizes and is in general available for immediate off-the-shelf delivery. The basic material is AISI 316 stainless steel, vacuum brazed with pure copper. PWO requires little refrigerant volume resulting in lower cost and a more environmentally-friendly installation. Low installation cost allows for oversizing to accommodate for future increase in requirements or peak loads.



TYPE	A mm (±2)	B mm (±1)	C mm (±1)	D mm (±1)	E mm (±1) (+0.5% - 1.5%)	F * = x number of plates (±1)	G mm	R mm
B5T	187	72	154	40	20.1 2x3/4" - 2x 1/2"	2.24 x * + 4	7	16
B8T	310	72	278	40	20.1 2x3/4" - 2x 1/2"	2.24 x * + 4	7	16
B10T	289	119	243	72	20.1 2x1" - 2x 3/4"	2.24 x * + 4	6	22
B12	287	117	234	63	27.1 2x1 1/4" - 2x 1"	2.24 x * + 4	6	22
B15	465	72	432	40	20.1 2x3/4" - 2x 1/2"	2.24 x * + 4	7	16
B16	376	119	320	63	27.1 2x1 1/4" - 2x 1 1/4"	2.24 x * + 4	6	23
B25T	526	119	479	72	20.1 2x1 1/4" - 2x 1"	2.24 x * + 4	6	23
B28	526	119	470	63	27.1 2x1 1/4" - 2x 1 1/4"	2.24 x * + 4	6	23
B35	393	243	324	174	27.1 2x1 1/2" - 2x 1 1/4"	2.34 x * + 8	3	35
B120T	525	243	456	174	27.1 2x1 1/2" - 2x 1 1/4"	2.29 x * + 10	4	35
B56	525	243	430	148	54.2 ISO G 4x 2 1/2"	2.44 x * + 14	3	48

Units size >B35-90 should always be fixed with two clamps per cooler >B35-90

Clamp Type	A	B
FK-B5T	219	90
FK-B8T	342	90
FK-B10T, B12	319	135
FK-B15	496	90
FK-B16	408	139
FK-B25T, B28	554	135
FK-B35	422	259
FK-B56/B120T	554	259





TYPE	Max Temp °C	Min Temp °C	Working Pressure 155 °C bar	Test Pressure bar	Empty Weight kg * = number of plates
B5T	225	-196	31	50	0.50 + NoP* x 0.05
B8T	225	-196	31	50	0.81 + NoP* x 0.08
B10T	225	-196	31	50	1.39 + NoP* x 0.10
B12	225	-196	31	50	1.44 + NoP* x 0.12
B15	225	-196	31	50	1.31 + NoP* x 0.10
B16	225	-196	28	45	1.73 + NoP* x 0.12
B25T	225	-196	31	50	2.15 + NoP* x 0.18
B28	225	-196	28	45	2.26 + NoP* x 0.16
B35	225	-196	31	50	6.99 + NoP* x 0.34
B120T	225	-196	31	50	10.27 + NoP* x 0.40
B56	225	-196	31	50	16.27 + NoP* x 0.42

Material:

Plates: EN 10028/7-1.4401 (AISI 316)

Brazing: Pure copper

Connections: EN 10272-1.4401 (AISI 316)