

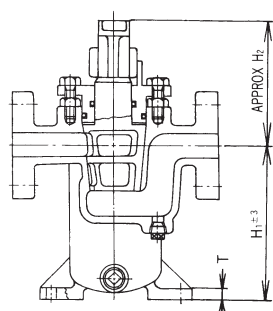
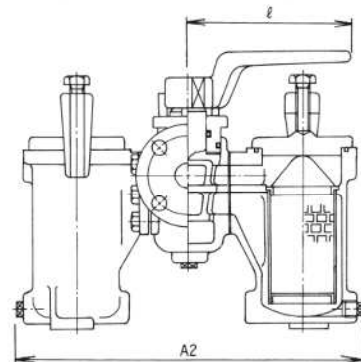
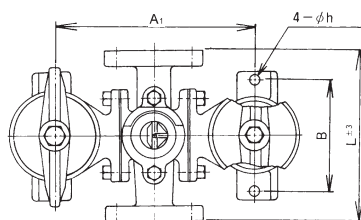
KW-1 Type Strainer

Double strainer designed for oil, with filtering net in the left and right of switching cock, allows continuous operation even when one filtering net is being cleaned.



Size 20~40mm

CONSTRUCTION



Products with size 50mm and 65mm are slightly different in structure.

SPECIFICATIONS

Model name	KW-1
Code name	KW1-G2
Applicable fluid	Oil
Fluid temperature	Max. 90°C
Applicable pressure	Max. 1.0MPa
End connection	Flanged JIS 10KFF
Materials	Body(Cast iron), Net(Stainless steel)
Mesh*1	60 Mesh
Allowed pressure differential	Max.0.1MPa*2
Pressure test	Hydraulic 1.5MPa

*1. Products with 20, 40, 80, 100, 120, 150, 200 meshes are also available.

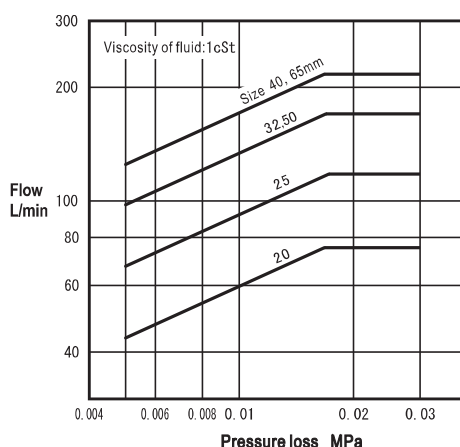
*2. The net may be damaged if pressure differential exceeds 0.1 MPa. Clean the net so that pressure differential is lower than 0.1 MPa.

DIMENSIONS

Size	L	H ₁	H ₂	ℓ	A ₁	A ₂	B	h	T	Mass(kg)
20(3/4")	190	145	116	150	215	344	120	11	10	17
25(1")	190	145	116	150	215	344	120	11	10	18
32(1 1/4")	218	195	156	215	249	399	120	15	13	27
40(1 1/2")	250	220	161	215	265	421	130	15	13	36
50(2")	285	200	165	150	300	449	150	15	16	44
65(2 1/2")	285	200	165	150	300	449	150	15	16	45

Flange code JIS 10KFF

PRESSURE LOSS CHART (60-mesh)



Note:

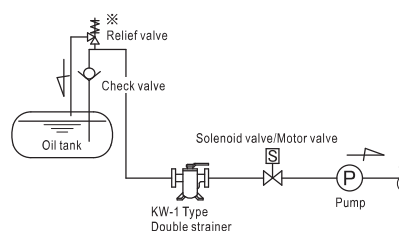
The pressure loss for 40,80,100-mesh can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed.

MULTIPLIER LIST

Mesh	Multiplier
40	0.96
80	1.03
100	1.07

* Refer to Page 193 for mesh data.

PIPING EXAMPLE

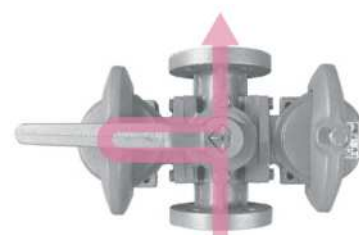


※For the piping shown in the left figure or there is water hammer or thermal expansion of fluid due to ambient temperature is anticipated, install relief valve.

SWITCHING FILTERING NET

Left filtering net

Switch the handle to the left side to allow fluid flow in the left case only.



Right filtering net

Switch the handle to the right side to allow fluid flow in the right case only.



Double filtering nets

Switch the handle to the center of flange at inlet to allow fluid flow in both cases.

