

SUCTION STRAINERS

TANK-MOUNTED

The ideal protection
of your pump against
coarse contaminants



- Ideal for applications where it is necessary to protect pumps from coarse particles
- Suitable for use in the suction line, submerged in the reservoir
- Available in different sizes for nominal flows up to 500l/min.

Suction Strainers with BSP (G) connector

Filter Element Specifications

Filter Media : Stainless steel pleated screen supported by a center core of plated perforated steel.

Connector: Made of reinforced polyester.

By-Pass Valve: Factory set to activate when the pressure differential across the filter reaches 17kPa. Recommended to prevent pump cavitation when cold starts are expected or if timely maintenance is not always possible.

Flow: The flow rate is based on flowing 30 cSt oil through 125µm wire mesh elements. On suction lines in hydraulic systems, the recommended flow velocity is 1,5 m/sec maximum. A clean strainer with a 30 cSt oil and a flow of 1,5 m/sec will not exceed a pressure drop of 2,4 kPa.

Fluid

compatibility: Mineral oils, Synthetic fluids and HFC (Water/Glycol)

Filtration Rate: 125 µm

Thread Size: ½" BSPF (G) to 3" BSPF (G)

Ordering information and Strainer Dimensions

Part-No.		Connector BSP (G)	Flow l/min.	Length mm	Diam mm
w/o by-pass	with by-pass				
HF28690	HF35166	½"	15	105	44
HF35159	HF35167	¾"	25	110	63
HF7444	HF35168	1"	50	140	63
HF35160	HF35169	1" ½	95	140	86
HF35161	HF35170	1" ½	130	200	86
HF35162	HF35171	2"	180	260	86
HF35163	HF35172	2"	225	150	150
HF35164	HF35173	2" ½	350	225	150
HF35165	HF35174	3"	500	270	150

More Information:

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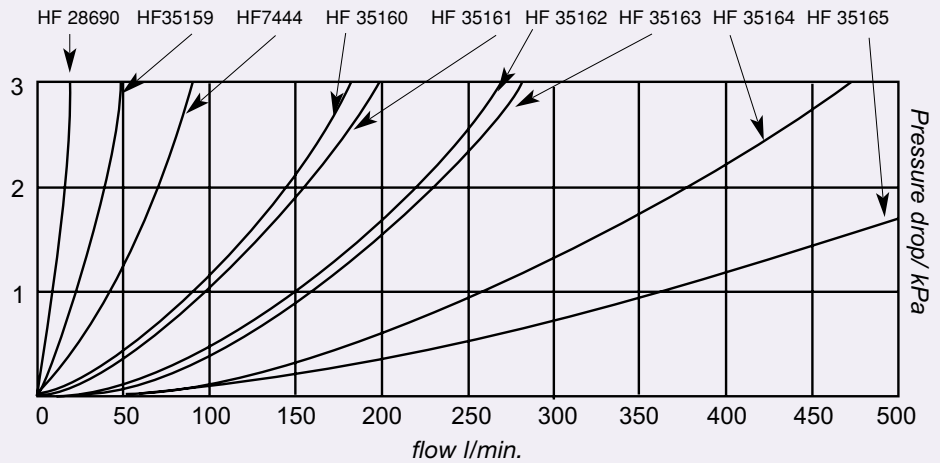


Pressure Drop Strainers with BSP (G) Connector at 30 cST

About Suction Strainers

□ Fleetguard suction strainers are designed to be fitted in the intake line in front of the pump. Suction strainers are mounted below the oil level inside the oil tank, and are used to protect pump and downstream components from coarse particles.

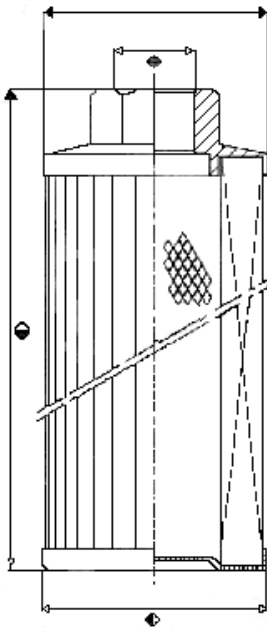
The screening element with star-shaped pleating enables optimum values for the filter area, dirt removal and pressure drop.



Suction Strainers with "NPT" connector

Filter Element Specifications

- Filter Media:** Stainless steel pleated media screen supported by a center core of plated perforated steel.
- Connector:** Made of corrosion resistant steel
- By-Pass Valve:** 17 kPa
- Fluid:**
- Compatibility:** Mineral oils, Synthetic fluids and HFC (Water/Glycol)
- Filtration Rate:** 125 μ m
- Thread Size:** 1/2" to 3" NPTF



Ordering information and Strainer Dimensions

w/o by-pass	Part-No. with by-pass	Connector NPTF	Flow l/min.	Length mm	Diam mm
HF6249	HF6258	1/2"	18	79	67
HF6250	HF6259	3/4"	32	90	67
HF6251	HF6260	1"	51	136	67
HF6252	HF6261	1" 1/4	88	174	86
HF6253	HF6262	1" 1/2	115	204	86
HF6254	HF6263	1" 1/2	190	255	100
HF6255	HF6264	2"	200	255	100
	HF6265	2" 1/2	300	256	130
HF6257	HF6266	3"	400	302	130

Fleetguard[®]

