

High Pressure Filter

Pi 1123

Operating pressure 350 bar, Nominal size up to 40

1. Features

Efficient filters for modern hydraulic systems

- Modular design
- Minimal pressure loss
- Compact design
- Threaded ports

Quality filters, easy to service

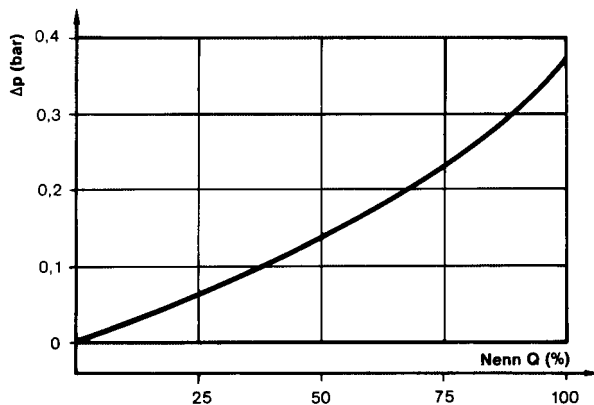
- Highly efficient Mic- or Sm-x-filter elements
- β -rated elements per ISO 4572
- Large dirt holding capacity and high differential pressure stability providing optimal elements service life
- 100% bubble-point tested elements

World-wide sales

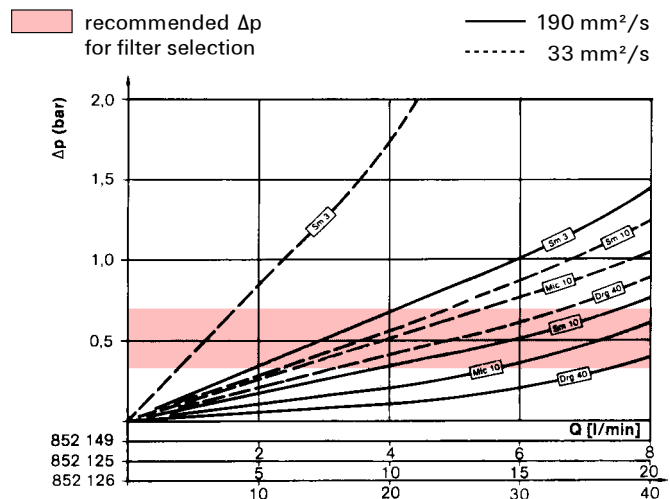


2. Flow rate/pressure drop curve

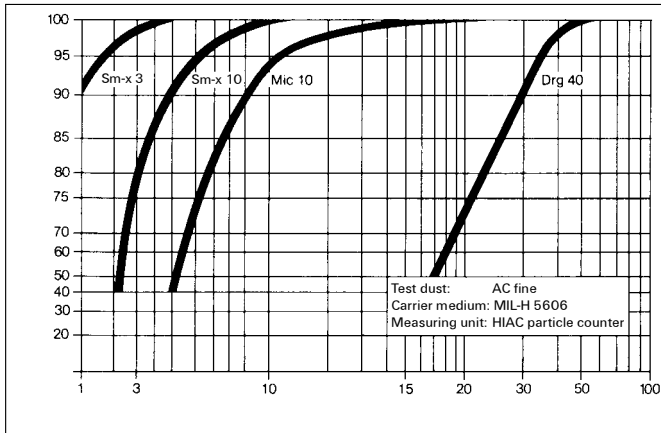
2.1 Empty housing



2.2 Filter elements



3. Separation characteristics



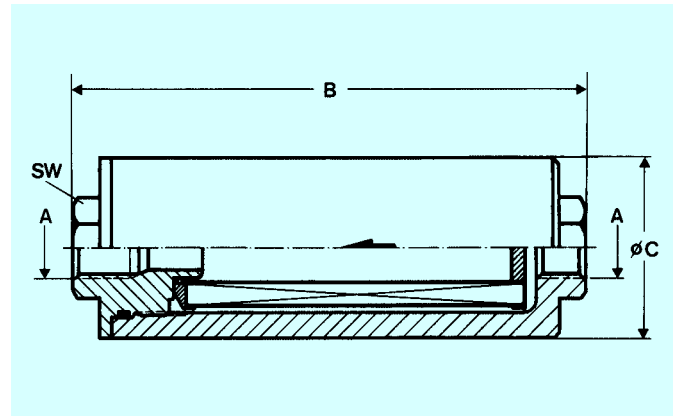
Retention rate measured in a stabilized circuit after 20 cycles
Specific flow to filtration area 20 ml/min x cm².

4. Specifications

Nominal pressure: 350 bar
Temperature range: -40 °C to +120 °C
(other temperature ranges on request)
Housing material: St 42
Material of seals: NBR
PTFE

5. Dimensions

Dimensions Type	SW	A	B	C	Weight
Pi 1123/350/5	27	G ¾	140	55 Ø	1,5 kg
Pi 1123/350/20	30	G ½	160	65 Ø	3,0 kg
Pi 1123/350/40	30	G ½	190	80 Ø	6,0 kg



Subject to technical alteration

6. Order numbers

6.1 Housing design		6.2 Filter elements () = filter surface area [] = type number			
Type number	Nominal Size (NG)	Mic vst 10 Δp 40 bar	Sm-x vst 3 Δp 160 bar	Sm-x vst 10 Δp 160 bar	Drg vst 40 Δp 40 bar
Pi 1123/350/5	5	(150 cm ²)	(150 cm ²)	(150 cm ²)	(150 cm ²)
		[852 149 Mic vst 10]	[852 149 Sm-x vst 3]	[852 149 Sm-x vst 10]	[852 149 Drg vst 40]
Pi 1123/350/20	20	(260 cm ²)	(260 cm ²)	(260 cm ²)	(260 cm ²)
		(852 125 Mic vst 10]	(852 125 Sm-x vst 3]	(852 125 Sm-x vst 10]	(852 125 Drg vst 40]
Pi 1123/350/40	40	(430 cm ²)	(410 cm ²)	(410 cm ²)	(410 cm ²)
		[852 126 Mic vst 10]	[852 126 Sm-x vst 3]	[852 126 Sm-x vst 10]	[852 126 Sm-x vst 40]

7. Spare parts list

Type-No./Housing	Seal kit
Pi 1123/350/5	761.735.0
Pi 1123/350/20	761.721.0
Pi 1123/350/40	761.718.6



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