

# PULSATION DAMPERS



FPD 06, 10 KP:51



FPD 06, 1.06



FPD 10, 1.10

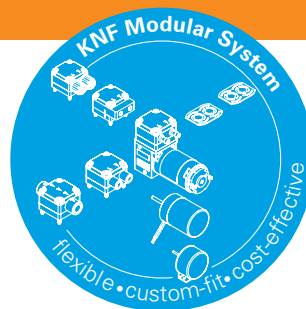
## ADVANTAGES

- Reduces the pulsation after the pump by up to 97%
- High chemical resistance
- Durable and maintenance free

## POSSIBLE AREAS OF USE

- To reduce the vibration in hoses and pipes
- To remove pulsation which can prevent the system from functioning properly
- To protect instrumentation connected after the pump

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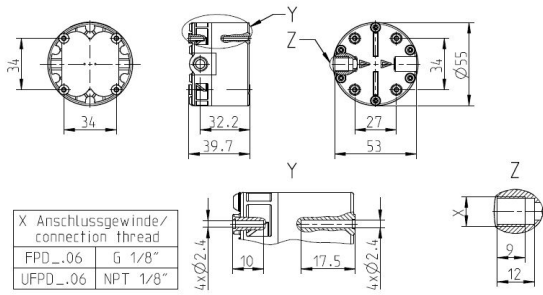


SPECIFICATIONS						
Type	MATERIAL (HOUSING / DIAPHRAGM)				Max. Pressure (bar)	For pump types
	KP	KP.51 (NSF)	KT	TT		
FPD 06					2	NFB 5, NF 5, FF 12 FF 20, FL 10, NF 25, NFB 25, NF 30, NF 60, FP 70, NF 100
FPD 1.06	PP / EPDM	PP / EPDM	PP / FFKM	PVDF / FFKM	6*	NF 1.5, NF 1.10, FF 20, NF 1.25, NF 1.30, NF 1.60, FP 150, FP 1.150
FPD 10					2	NFB 100, NF 300, NF 600, FP 400
FPD 1.10					6*	NF 1.100, NF 1.300, NF 1.600,

\* 4 bar for KT and TT version

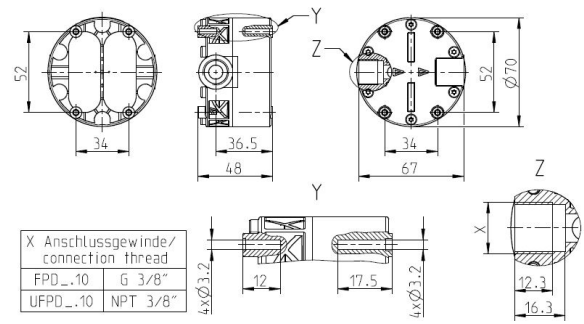
# FPD 06 / FPD 1.06

## DIMENSIONS



# FPD 10 / FPD 1.10

## DIMENSIONS



## ORIFICE DATA FPD 06 / 1.06 / 10 / 1.10

Orifice	Pump
0.7 mm	NFB 5, NF 1.5, NF 1.30
1.0 mm	NF 5, FL 10, FF 12, NF 1.10, FF 20
1.2 mm	NF 25, NFB 25, NF 1.25
1.4 mm	NF 30, NF 60, NF 1.60, FP 70
1.6 mm	NF 1.100
1.8 mm	NF 100
2.0 mm	NF 1.300
2.8 mm	NF 300, NF 1.600
3.4 mm	NF 600
3.8 mm	NFB 100
8.2 mm (slot length)	FP 400
8.9 mm (slot length)	FP 150, FP 1.150

The performance values for the series models shown on this data sheet were determined under test conditions. The actual performance values may differ and depend in particular on the usage conditions and therefore on the specific application, on the parameters of the components involved in the user's system and on any technical modifications carried out which deviate from the standard configuration or the as delivered condition.

If individual designs have been created for specific customers on the basis of series models, other technical performance data may apply. Before operation begins, the relevant operating instructions and/or assembly or installation instructions should be read and the safety information contained in these instructions should be noted. KNF reserves the right to make changes to the product and the associated documentation without prior notice to the customer.



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