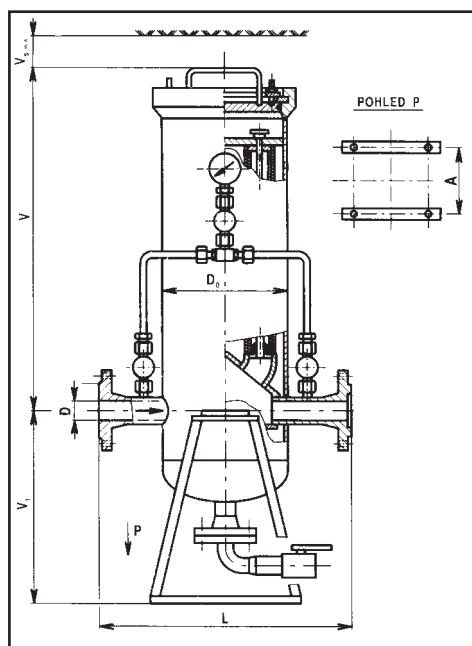


DUST FILTER - LARGE CAPACITY DESIGN



USE

The dust filter with a large capacity design is an equipment that serves to a separation of solid particles from a working fluid. A structural design represents an advantageous combination of a gravitation filter with a filter equipped with exchangeable textile filter cartridges.

The filter is specified for the filtration of the working fluid at the entry into gas regulation stations. The exchangeable filter cartridge is capable to trap impurity particles with dimensions over 1,5 microns. The filter is suitable for natural gas and all noncorrosive gaseous media.

TYPES / DN / PN / TEMPERATURE RANGES

C26 641 416	DN 200	PN 16 or ANSI 150	10 to 80 °C
C26 641 440	DN 50, 80, 100, 150	PN 40 or ANSI 300	10 to 80 °C
C26 641 463	DN 50, 100, 150	PN 63 or ANSI 150	10 to 80 °C

MATERIAL

	C26 641 416, 440, 463		
	DIN	ASTM	ČSN
Valve shell, socket pipes	St 45.8	Gr.B	12 022
Flanges, bottom, cover	H II	Gr.A	11 416
Filter fabric	PES		
Sealing	NITRIL RUBBER		

INSTALLATION

The filter is mounted only into a horizontal pipeline so that a vessel axis is vertical, with a blow-down manifold downwards. The piping must be free of all the gross contaminants of the filter cartridges, that could cause the clogging or damaging the filter cartridges. Over the filter there must be kept a free space ($V_{s \text{ min.}}$) that is necessary for an exchange of the filter cartridges.

CONNECTION

Flanges are according to DIN or ANSI.

DIMENSION TABLE

DN	D	L	V	V ₁	D ₀		A	V _{s min.}	kg
C26 641 416									
200	207	800	1217	650	377		425	850	295,0
C26 641 440									
50	51	450	650	500	219		290	400	70,0
80	82	600	815	600	173		360	500	168,0
100	100	600	1185	600	273		360	850	195,0
150	150	800	1240	600	377		425	850	350,0
C26 641 463									
50	50	500	815	500	273		330	500	175,0
100.47	99	800	1250	600	324		385	850	300,0
150	146	800	1250	600	324		385	850	320,0

Note: The dimensions of connecting flanges - see pages 43, 44.