PENTAIR

mecair

BULKHEAD CONNECTORS

PENTAIR CLEAN AIR SYSTEMS

MECAIR BULKHEAD CONNECTORS

DESCRIPTION

The **bulkhead fittings connect** the valve to the blowtube through the wall of the filter. An important saving of time and material is allowed by the quickness of the connection to an unthreaded blowtube with no need for welding or use of additional fittings.

Two versions of the bulkhead compression fittings are available:

- **PTO:** two-piece tube connection fittings
- **PTS:** through tube connection fittings.

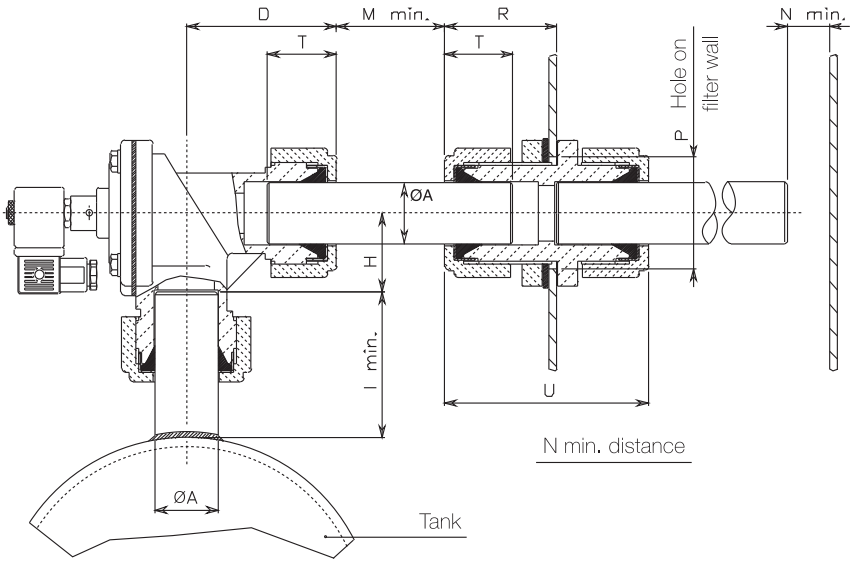
Use smooth, unthreaded pipes for connecting the header tank and filter blowtubes to the valve. Then tighten the quick-fit connections with the proper-size CH wrench (for nut rings) and PH (for bolts).

Note: Not to be used as a mechanical support for tank and valves.

GENERAL CHARACTERISTICS	
Body	Diecast aluminium (anodised)
Seals	**Standard** NBR: –30°C/+100°C **Optional** Silicon: –60°C/+200°C

ASSEMBLY OVERVIEW OF PTD

PTD ASSEMBLING LAYOUT WITH A TWO-PIECE PIPE



TYPE	Ø A	D	H	I	M	N	T	WEIGHT KG
VNP 306	¾″	67	40	50	56	48	30	0,9
VNP 308	1″	80	48	50	70	50	36	1,2
VNP 314	1½″	99	53	85	80	54	42	2,3

TYPE	Ø A	R	Ø P	P Ø MAX	U	WEIGHT KG
PTD 306	¾″	51	42	45	102	0,35
PTD 308	1″	55	54	58	106	0,6
PTD 314	1½″	74	70	74	140	1,3
PTD 316	2″	77	84	86	148	2

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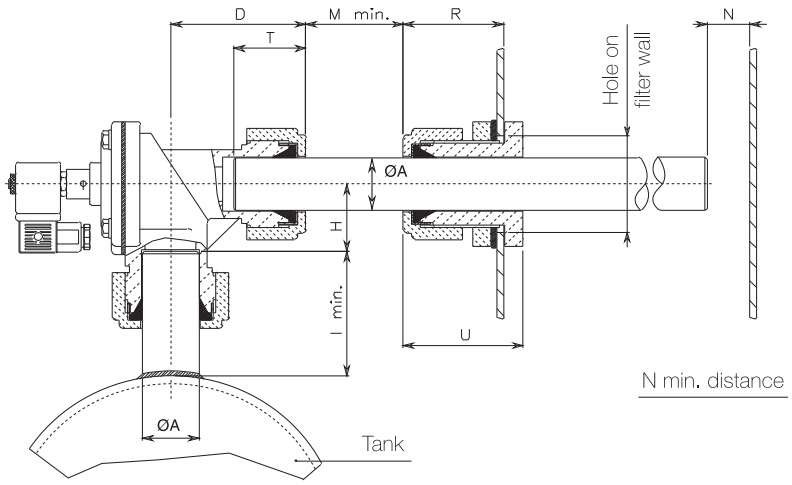
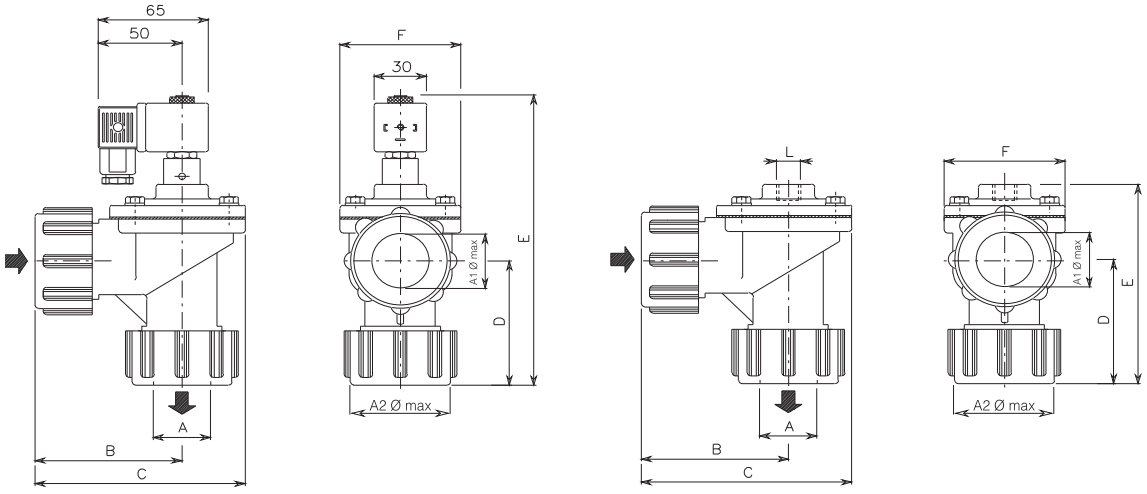
PTS ASSEMBLY LAYOUT WITH SINGLE PIPE



TYPE	Ø A	D	H	I	M	N	T	WEIGHT KG
VNP 306	¾″	67	40	50	56	48	30	0,9
VNP 308	1″	80	48	50	70	50	36	1,2
VNP 314	1½″	99	53	85	80	54	42	2,3

TYPE	Ø A	R	Ø P	P Ø MAX	U	WEIGHT KG
PTS 306	¾″	51	42	45	65	0,25
PTS 308	1″	55	54	58	68	0,4
PTS 314	1½″	74	70	74	94	0,86
PTS 316	2″	77	84	86	96	1,65

DIAPHRAGM VALVE SERIES 300



MODEL	Ø A1		A1 Ø MAX	A2 Ø MAX	CH WRENCH
306	¾″	26,7	27	48	CH06
308	1″	33,4	33,8	61	CH08
314	1½″	48,3	48,8	82	CH14

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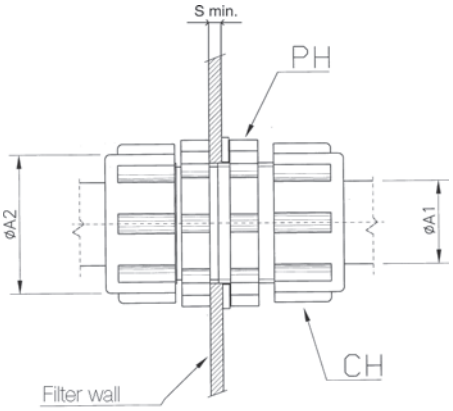
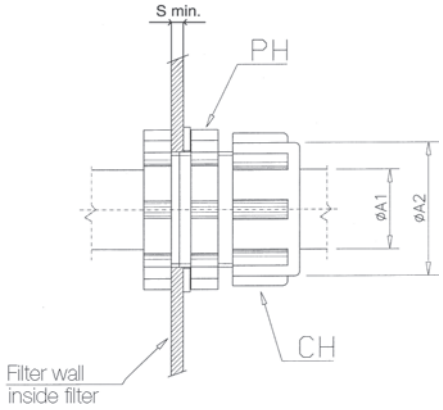
PART NUMBER AND DIMENSIONS

PTD 3



PTS 3



MODEL	Ø A1		A1 Ø MAX	A2 Ø MAX	CH WRENCH	PH WRENCH
PTD 306	¾″	26,7	27	48	CH06	PH06
PTD 308	1″	33,4	33,8	61	CH08	PH08
PTD 314	1½″	48,3	48,8	85	CH14	PH14
PTD 316	2″	60,3	60,8	95	CH16	PH16

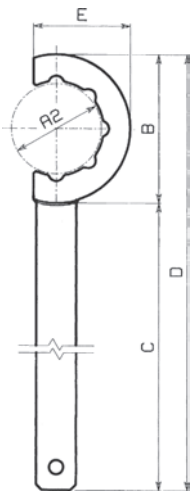
MODEL	Ø A1		A1 Ø MAX	A2 Ø MAX	CH WRENCH	PH WRENCH
PTS 306	¾″	26,7	27	48	CH06	PH06
PTS 308	1″	33,4	33,8	61	CH08	PH08
PTS 314	1½″	48,3	48,8	82	CH14	PH14
PTS 316	2″	60,3	60,8	95	CH16	PH16

ASSEMBLING CH AND PH WRENCHES

MODEL	Ø A1	Ø A2	Ø B	C	D	E	WEIGHT KG
CH06	¾″	48	80	200	280	55	0,24
CH08	1″	61	100	250	350	68	0,44
CH14	1½″	82	130	300	430	85	0,7
CH16	2″	95	150	350	500	100	0,78
CH20	2½″	115	170	350	520	110	0,8
CH24	3″	128	190	350	540	120	0,9

MODEL	Ø A1	Ø A2	Ø B	C	D	E	WEIGHT KG
PH06	¾″	55	80	200	280	55	0,24
PH08	1″	70	100	260	360	65	0,31
PH14	1½″	90	130	270	400	85	0,5
PH16	2″	95	150	350	500	100	0,78

CH and PH



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