

## 05 [Cyclone product filter apparatus]

The cyclone product filter apparatus [type 05] can be used for the separation of bulk materials with low density in downstream bags, containers, further pneumatic conveyors etc. The wear protection at the intake nozzle, which is part of the scope of delivery, is made of stainless steel and is exchangeable. The tangential intake nozzle can also be supplied in a round shape.

### standard version – extent of delivery

- permissible in the food sector
- integrable in existing systems
- corrosion resistance
- material ⇒ seawater proof aluminium
- lightweight construction
- no static problems
- mounting ⇒ fastened with screws at the housing
- possibility for the tube to be adaptable
- demountable

- rotatable by 360°
- regeneration ⇒ **C** fully automatic regeneration with compressed air »On-line-operation« [time control]
- jet module with valve box, valves and electronic control
- one compressed air pulse regenerates three filter elements at a time ⇒ up to 60°C
- operational ⇒ up to 5000 Pa (500 mmWG) underpressure ⇒ up to 5000 Pa (500 mmWG) overpressure
- power supply ⇒ 230 V AC, 40-60 Hz, 10 W
- compressed air supply ⇒ 3 up to 6 bar ⇒ oil and waterfree ⇒ nominal width 13 mm

### alternative options

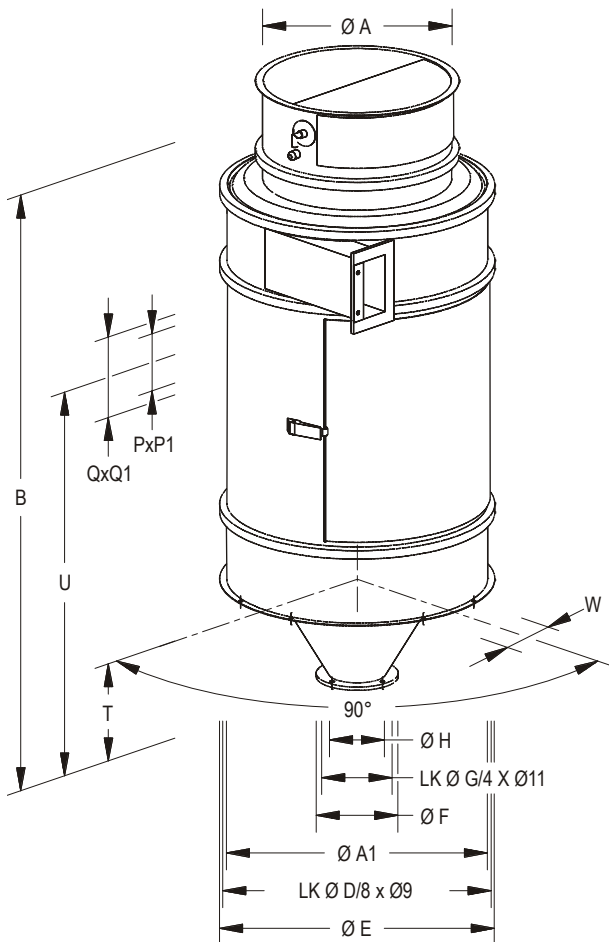
- material ⇒ stainless steel ⇒ steel
- regeneration ⇒ **F** no cleaning (reservoir-, safety-, police-, storage filter) ⇒ **B** mechanical, semi-automatic regeneration by the shaker motor »off-line-operation« (storage filter with interruption for the regeneration) ⇒ **CD** fully automatic regeneration with compressed air »on-line-operation« [differential pressure control with measure line cleaning] circuit pressure control [NDM] optional
- power supply ⇒ 115 V AC, 40-60 Hz, 10 W ⇒ 24 V DC, 12 W with compressed-air supply 2 up to 4 bar
- for reduced explosion pressure [ST 1]
- other temperatures and pressures on request

### additional equipment

- expandable by the modular system (see product sheet »PM-Z-...DOC«)

### some examples:

- ZRS [rotary valve]
- GE [rack]
- sack fixing
- ball flap



C 05		technical data					size														
type	R	m <sup>2</sup>	kg	star filter n	door n	cm*	Ø A mm	Ø A <sub>1</sub> mm	B mm	Ø D mm	Ø E mm	Ø F mm	Ø G mm	Ø H mm	P mm	P <sub>1</sub> mm	Q mm	Q <sub>1</sub> mm	T mm	U mm	W mm
C 05 03/05 064/...-	03	2,0 - 3,9	44	3	60	1	300	530	1680	550	570	180	145	100	100	60	160	120	160	1230	200
C 05 03/05 104/...-	03	3,3 - 6,6	45	3	100	1	300	530	1680	550	570	180	145	100	100	60	160	120	160	1230	200
C 05 05/07 064/...-	05	5,9 - 11,8	76	9	60	1	530	730	1805	750	770	230	200	150	180	100	240	160	294	1355	200
C 05 05/07 104/...-	05	9,9 - 19,8	80	9	100	1	530	730	1805	750	770	230	200	150	180	100	240	160	294	1355	200
C 05 07/10 064/...-	07	9,8 - 19,6	116	15	60	1	730	1000	2140	1020	1040	230	200	150	300	130	360	190	523	1690	200
C 05 07/10 104/...-	07	16,5 - 33,1	122	15	100	1	730	1000	2140	1020	1040	230	200	150	300	130	360	190	523	1690	200
C 05 10/16 064/...-	10	19,6 - 39,3	185	30	60	1	1000	1600	2694	1620	1640	400	350	250	340	230	400	290	824	2164	200
C 05 10/16 104/...-	10	33,1 - 66,1	197	30	100	2	1000	1600	2694	1620	1640	400	350	250	340	230	400	290	824	2164	200

\* standard length

please complete type with filter media and number of folds (see »PM-TS-01.DOC«)

example: C 05 05/07 104/903-30

