

AXIAL FANS

- PNEUMATIC
- ELECTRIC




PNEUMATIC AXIAL FANS

MOBILE FANS

Type 8 1601 - 8 1603

- **Application : Ventilation and exhausting of ship tanks**
- Made of non-ferrous metal : spark- and explosion proof
- Aluminium protective grille on inlet side

Type 8 1611

- Approved by Machine Directive 94/9 EC -  II2GcT6 (ATEX group - 95)



Typ 8 1616, 8 1620

- Without moving parts (Injector)
- Handy size, with grip
- Made of non-ferrous metal : spark- and explosion proof




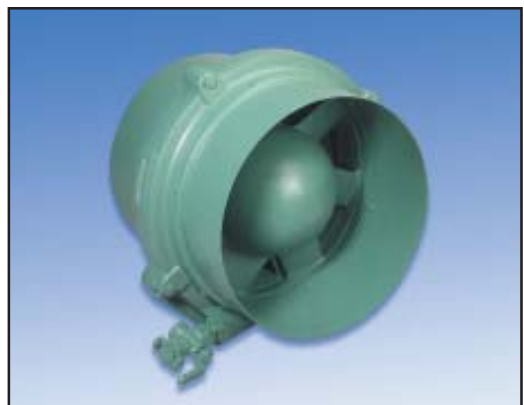
STATIONARY FANS

Type 8 1501 - 8 1504

- **Application : Underground mining, Shipyards, Refineries, Petro Chemical Industry**
- Without protective grille
- Also available with flange complying with DIN 21603




Type 8 1533 and 8 1534

- Approved by Machine Directive 94/9 EC -  II2GcT6 (ATEX group - 95)



TECHNICAL SPECIFICATION

Performance data at maximal operating pressure.


Order No.	ATEX-class	Nominal diameter	Unit length	max. operating pressure	Air consumption	Volume flow (unrestricted)	Weight	Sound level (unrestricted)
		mm	mm	bar	m ³ /min	m ³ /s	kg	dB(A)
PNEUMATIC								
8 1601 0300		300	350	5	0,58	0,78	13,0	87
8 1602 0300		300	350	5	1,16	1,00	13,0	85
8 1603 0300		300	370	5	0,58	0,78	14,0	85
8 1611 0300	 II2GcT6	300	350	5	1,48	0,75	13,0	85
8 1616 0010		125	425	10	1,20	0,50 ¹⁾	3,0	96 ¹⁾
8 1620 0010		180	450	10	3,30	1,12 ¹⁾	5,3	102 ¹⁾
8 1501 0300		300	440	5	1,28	1,53	22,0	101
8 1502 0300		400	440	5	2,11	2,70	32,0	92
8 1503 0300		500	520	5	2,73	4,33	46,0	90
8 1504 0300		600	520	5	3,84	5,83	58,0	86
8 1533 0300	 II2GcT6	500	520	5	2,73	4,33	46,0	105
8 1534 0300	 II2GcT6	600	520	5	3,84	5,83	58,0	99

¹⁾at 6 bar working pressure

ELECTRIC AXIAL FANS


MOBILE FANS

Type 8 1020 (Version 0140, 0840 and 870)

- **Application : for small ventilation and exhausting work**
- With protective grille on inlet side
- The three-phase motor fitted is designed to meet IEC-Norm and Safety Class IP 55 requirements
- Approved by Machine Directive 94/9 EC -  II2GcT3 (ATEX group - 95)








Type 8 1020 (Version 0850 and 860)

- **Application : for small ventilation and exhausting work**
- With protective grille on inlet side
- The three-phase motor fitted is designed to meet IEC-Norm and Safety Class IP 55 requirements
- Type with switch and connecting cable
- Approved by Machine Directive 94/9 EC -  II2GcT3 (ATEX group - 95)



TECHNICAL SPECIFICATION

Performance data at nominal voltage.

Order No.	ATEX class	Nominal diameter	Unit length	Nominal speed	Motor output	Nominal voltage	Current consumption at nominal voltage	Alternating current		Volume flow (unrestricted)	Weight	Sound level (unrestricted)
								single phase	three-phase			
		mm	mm	1/min	kW	V	A	Hz	Hz	m ³ /s	kg	dB(A)
ELECTRIC												
8 1020 0140	 II2GcT3	300	390	2,840	0.35	230/400	1.6/0.92		50	1.0	20.0	86
8 1020 0840	 II2GcT3	300	390	2,900	0.37	110	5.1	50		1.0	20.5	85
8 1020 0850	 II2GcT3	300	390	2,900	0.37	110	5.1	50		1.0	20.5	85
8 1020 0860	 II2GcT3	300	390	2,900/ 4,680	0.37	110	5.1	50/ 60		1.0	20.5	85
8 1020 0870	 II2GcT3	300	390	2,870	0.37	230	2.3	50		1.0	20.5	85

Subject to technical change.

Description :



II2GcT6 - Safety class ATEX, machine group II, categorie 2, for gas, structural safety, temperature class 6

ACCESSORIES FOR AXIAL FANS

PROTECTIVE GRILLES

For safety reasons an additional grille should be fitted when used without ducting.

Select according to nominal diameter of fan.

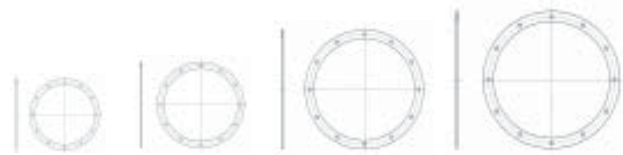


Protective Grilles	for Fans with nominal dia.	300 mm	400 mm	500 mm	600 mm
For all fans with nominal dia.		8 1501 7010	8 1502 7010	8 1503 7010	8 1504 7010
Only for fans 8 1601 to 8 1611		8 1601 2070			
Only for fans 8 1020		8 1601 2070			

FLANGES ACCORDING TO DIN 21603

Required if flanged pipes are to be fitted on suction and/or discharge side.

Select according to nominal diameter of fan.



Flange	for Fans with nominal dia.	300 mm	400 mm	500 mm	600 mm
According to DIN 21 603		9 3001 0010	9 3001 0020	9 3001 0030	9 3001 0040

EARTHING CABLE (1,5 m length with clamp)

For all type of fans.



Earthing cable, complete	9 3707 0020
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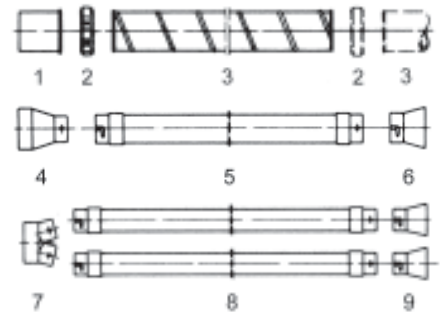
HOSE LINES

Required for a single suction point :

Connecting piece (1), Quick-seal coupling (2), plastic ducting (3), adapter (4), hose (5) and suction nozzle (6).

Required for dual suction points :

Y-piece (7), special hoses (8) and suction nozzles (9).



Bezeichnung	Pos.	für Ventilatoren mit Nenndurchmesser			
		300 mm	400 mm	500 mm	600 mm
Connecting piece, antistatic	1	9 3709 0260	9 3709 0270	9 3709 0280	9 3709 0290
Quick-seal coupling, antistatic	2	9 3709 0300	9 3709 0310	9 3709 0320	9 3709 0330
Plastic ducting, 5 m long, antistatic	3	9 3709 0220	9 3709 0230	9 3709 0240	9 3709 0250
Adapter, dia. 300/200 mm	4	9 3703 0050			
Steel ducting dia. 200 mm, 5 m long	5	9 3709 0060			
Plastic hose dia. 200 mm, 5 m long	5	9 3709 0130			
Suction nozzle, 200/300 mm	6	9 3702 0030			
Y-piece, 2x150 mm, antistatic	7	9 3703 0020			
Steel ducting, NW 150 mm, 5 m long	8	9 3709 0040			
Plastic hose, NW 125 mm, 5 m long	8	9 3709 1140	(only for 8 1616 0010)		
Plastic hose, NW 150 mm, 5 m long	8	9 3709 0110			
Plastic hose, NW 180 mm, 5 m long	8	9 3709 1200	(only for 8 1620 0010)		
Suction nozzle, 150/225 mm	9	9 3702 0020			

SPITZNAS

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