CENTRIFUGAL FANS - ACCESSORIES

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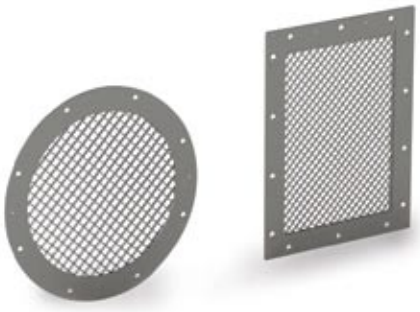
1. INTRODUCTION

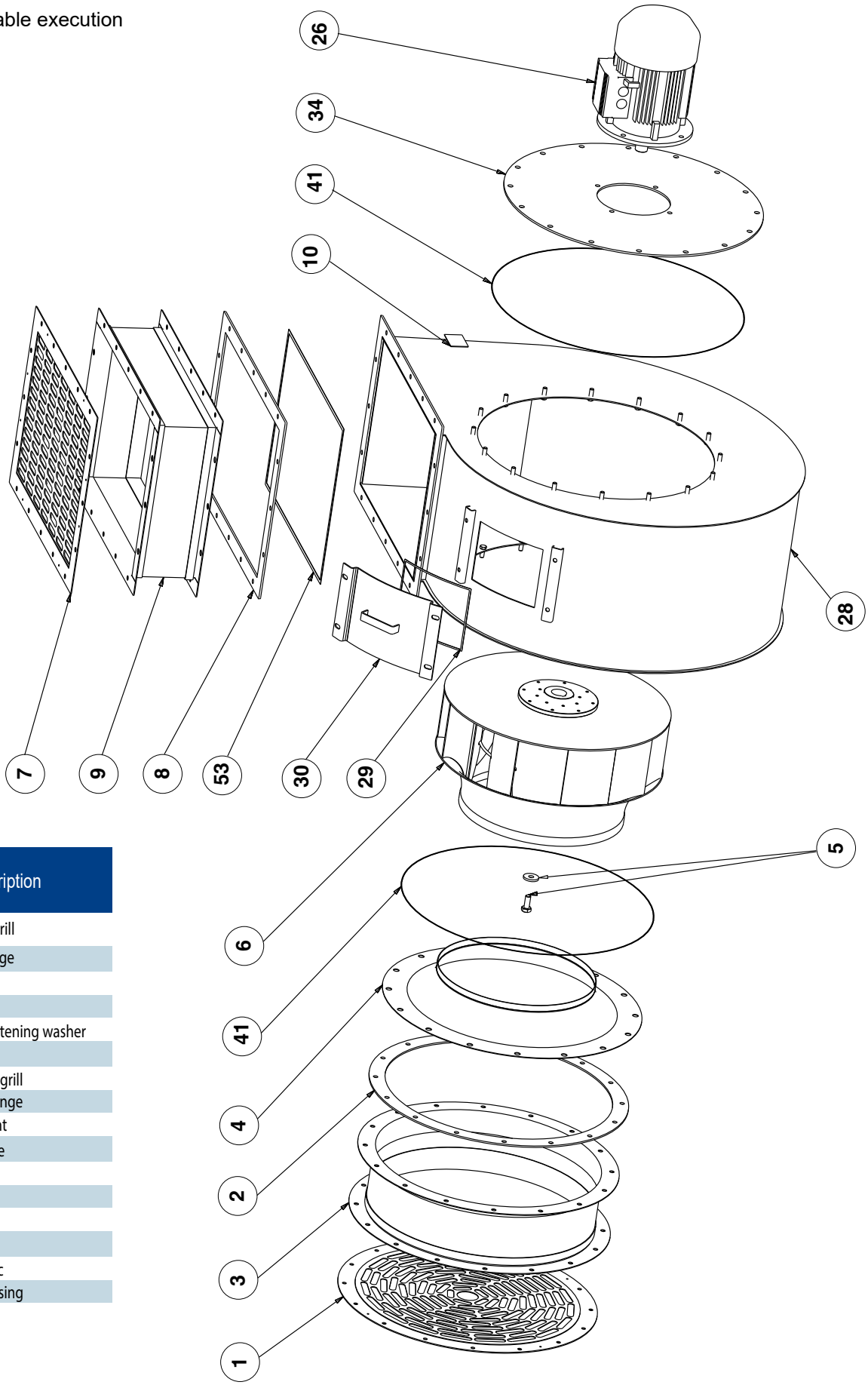
This chapter is designed to facilitate the selection and ordering of the extensive range of accessories offered for use the centrifugal fans. The chapter can be broadly divided into three parts:

- the first part shows an exploded view of the fans with the accessories in case of replacements
- the accessories illustrated in the second part are for mounting to the fan outlet or inlet: couplings, counter-flanges, collars, protective grilles and dampers.
  The internal dimensions of the flanges can be easily identified in table 1 and table 2, plotting the line corresponding to the size of the fan and the column showing the fan model. Once these dimensions are found, in the following tables up to table 19 simply find the dimensions in the first column to find the accessory code to be specified in the order and the relative dimensions;
- the third part describes belt guards, interior cases, supports, front supports, seat extensions and antivibration mounts. The choice of these accessories must be guided on a case-by-case basis.



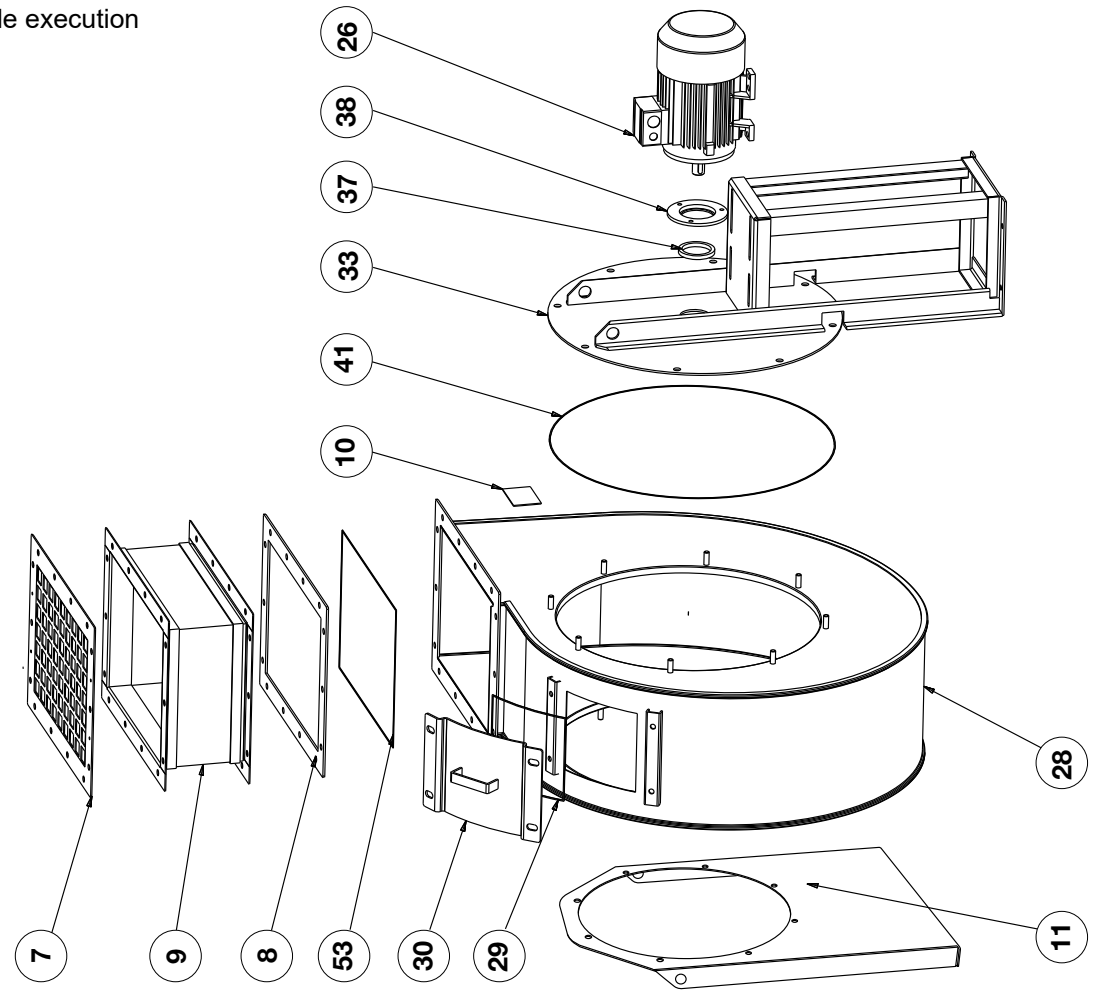
2. FAN COMPOSITIONS

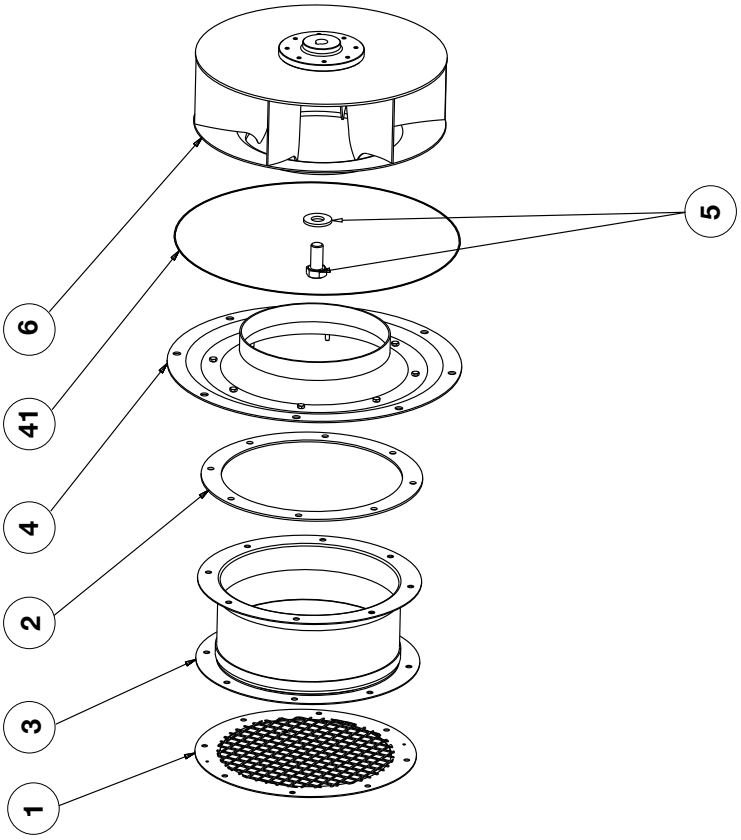
Exec. 5 revolvable execution



POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
26	Electric motor
28	Fan housing
29	Seal
30	Inspection door
34	Motor holding disc
41	Gasket on fan housing
53	Outlet gasket

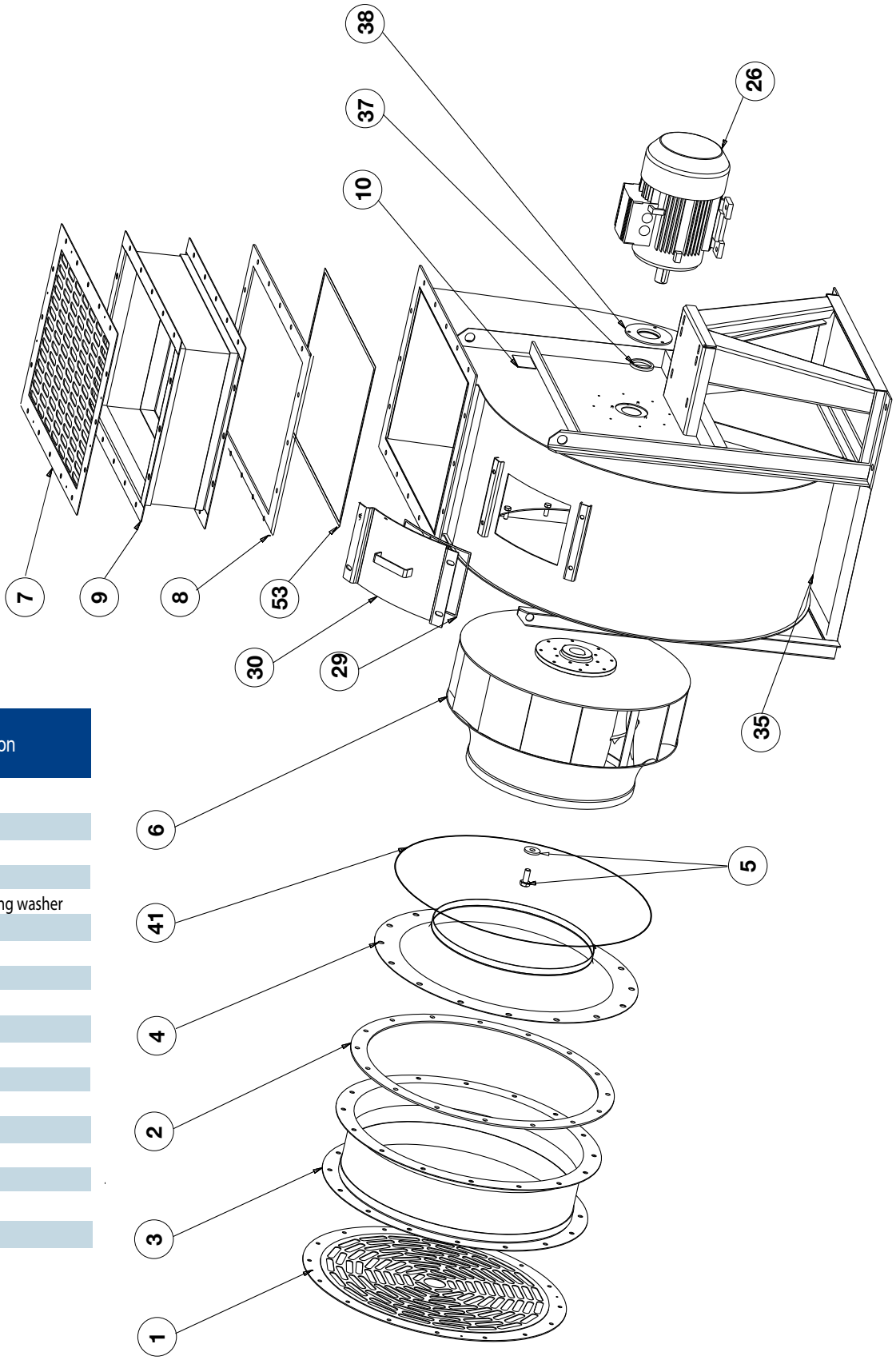
Exec. 4 revolvable execution





POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
11	Front support
26	Electric motor
28	Fan housing
29	Seal
30	Inspection door
33	Motor seat (pedestal)
37	**Motor shaft** sealing
38	Shaft sealing support
41	Gasket on fan housing
53	Outlet gasket

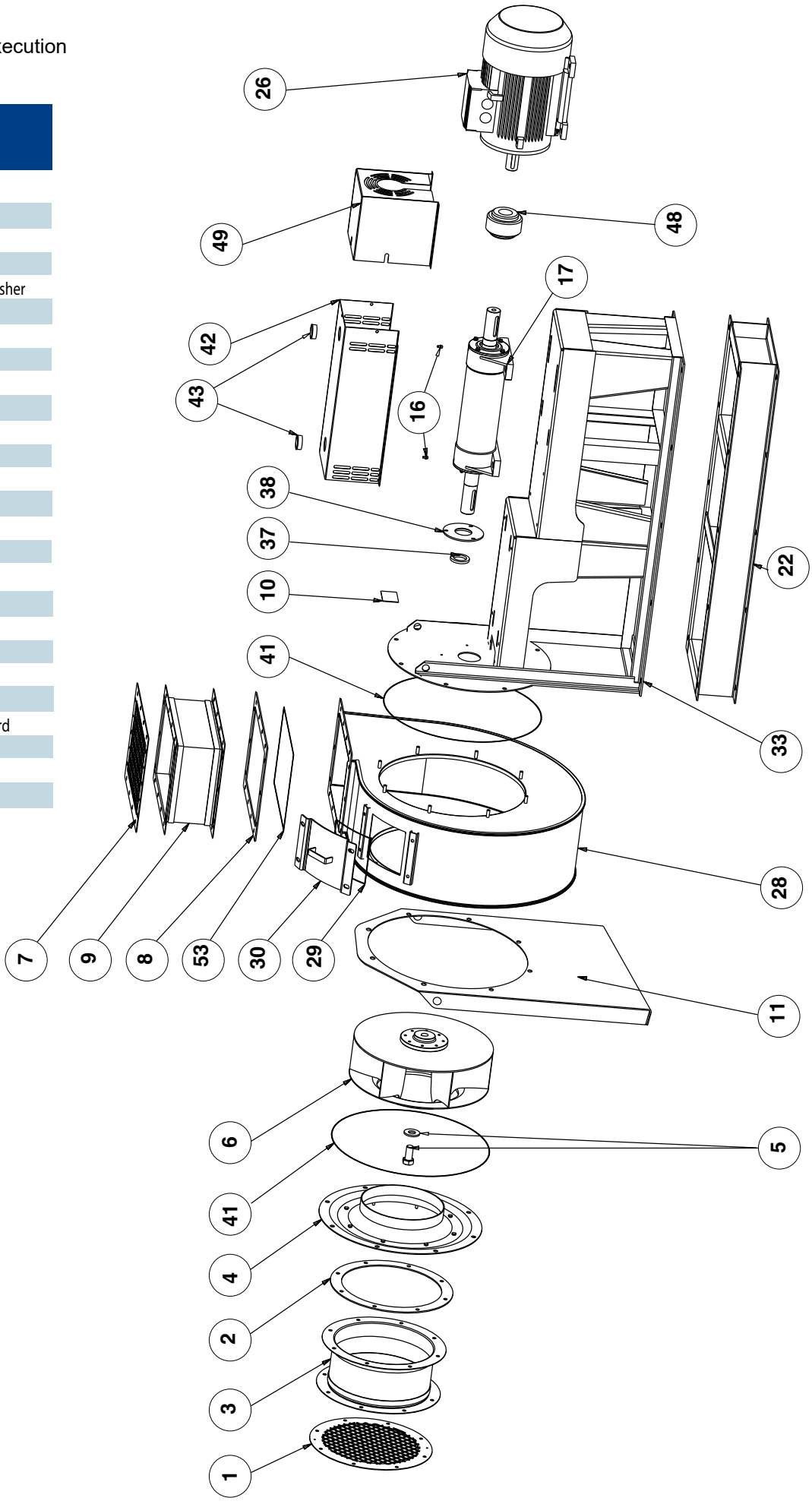
Exec. 4 Not revolvable execution



POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
26	Electric motor
29	Seal
30	Inspection door
35	**Complete f**an frame
37	**Motor shaft s**ealing
38	**S**haft sealing support
41	Gasket on fan housing
53	Outlet gasket

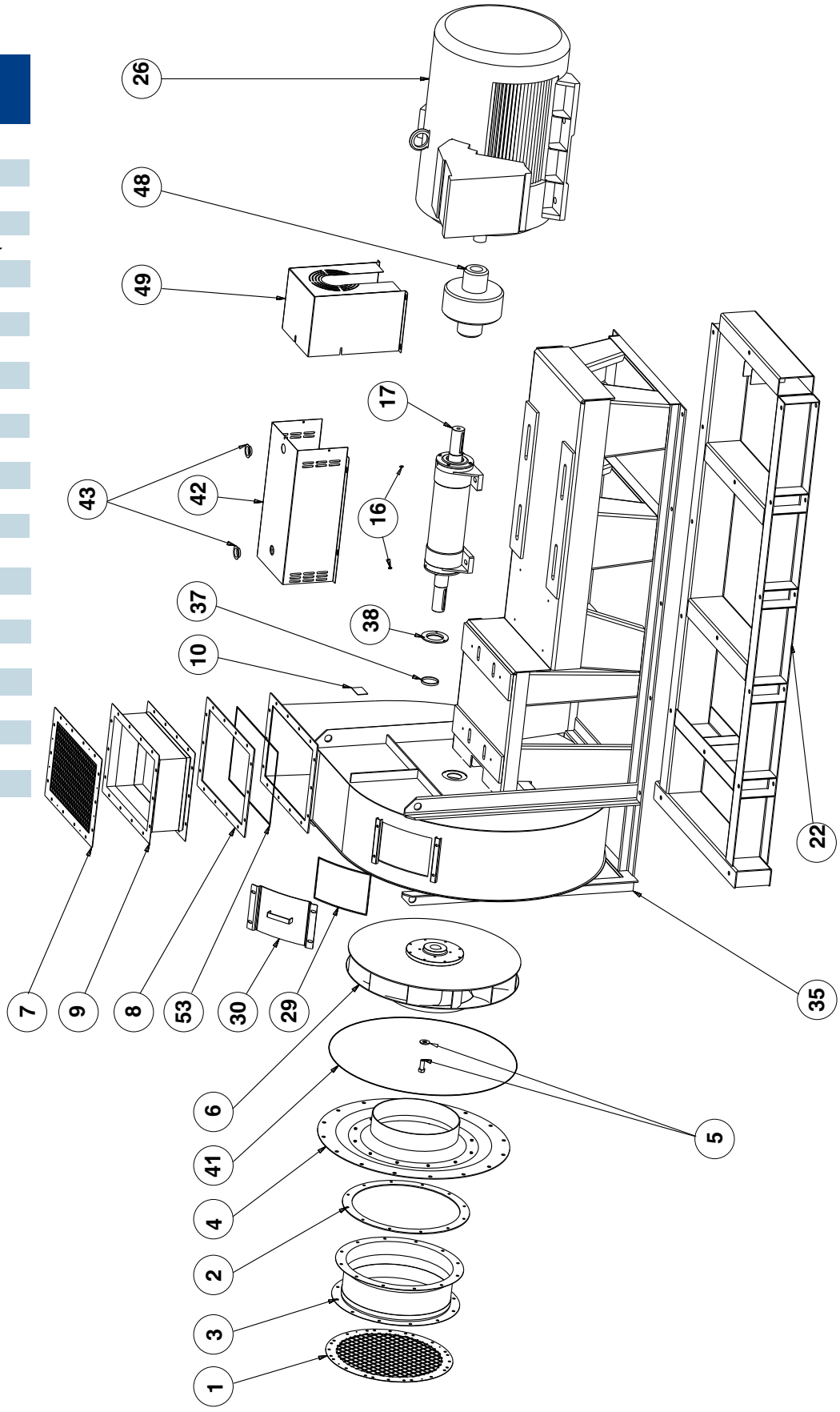
Exec. 8 revolvable execution

POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
11	Front support
16	Greaser
17	Single-block support
22	Base
26	Electric motor
28	Fan housing
29	Seal
30	Inspection door
33	Motor seat (pedestal)
37	**Motor shaft s**ealing
38	**S**haft sealing support
41	Gasket on fan housing
42	Single-block protecting guard
43	Drain plugs
48	Transmission joint
49	Joint-cover guard
53	Outlet gasket



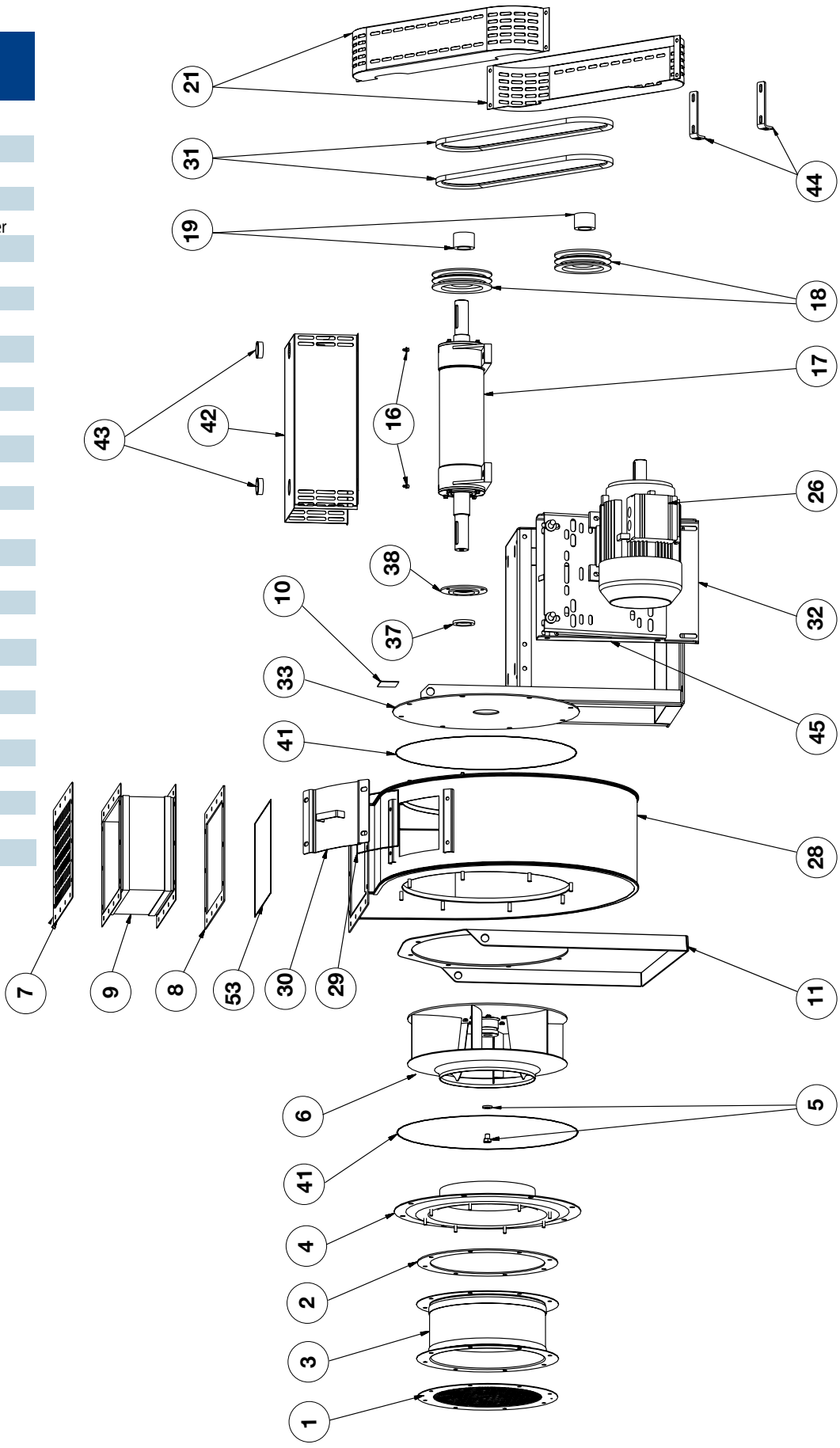
Exec. 8 Not revolvable execution

POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
16	Greaser
17	Single-block support
22	Base
26	Electric motor
28	Fan housing
29	Seal
30	Inspection door
35	Complete fan frame
37	Motor shaft sealing
38	Shaft sealing support
41	Gasket on fan housing
42	Single-block protecting guard
43	Drain plugs
48	Transmission joint
49	Joint-cover guard
53	Outlet gasket



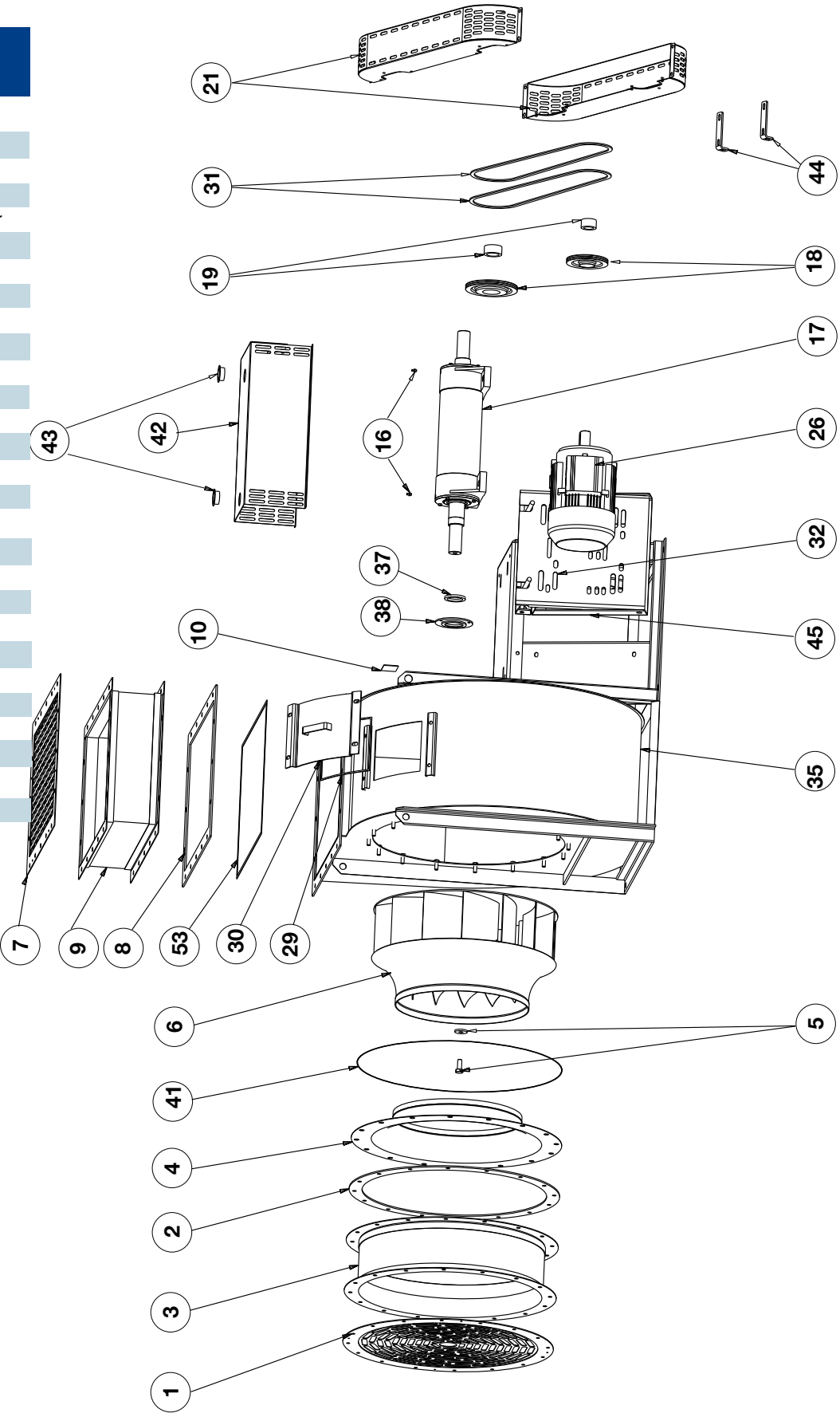
Exec. 9 revolvable execution

POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
11	Front support
16	Greaser
17	Single-block support
18	Pulley
19	Taper bush
21	Belt transmission guard
26	Electric motor
28	Fan housing
29	Seal
30	Inspection door
32	Tipper
33	Motor seat (pedestal)
37	Motor shaft sealing
38	Shaft sealing support
41	Gasket on fan housing
42	Single-block protecting guard
43	Drain plugs
44	Carter supporting brackets
45	Tipper support
53	Outlet gasket



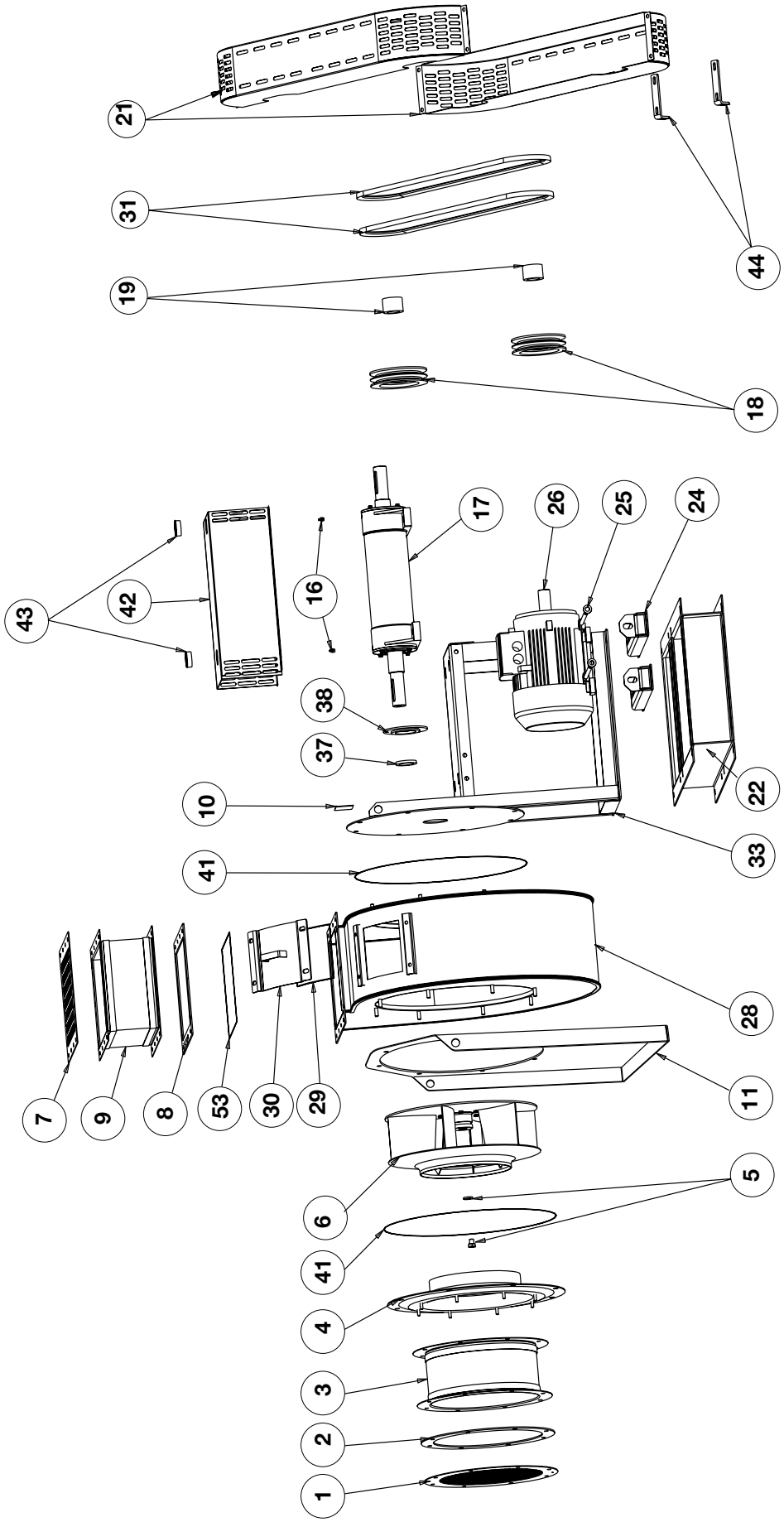
Exec. 9 Not revolvable execution

POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
16	Greaser
17	Single-block support
18	Pulley
19	Taper bush
21	Belt transmission guard
26	Electric motor
29	Seal
30	Inspection door
32	Tipper
35	Fan frame
37	**Motor shaft** sealing
38	**S**haft sealing support
41	Gasket on fan housing
42	Single-block protecting guard
43	Drain plugs
44	Carter supporting brackets
45	Tipper support
53	Outlet gasket



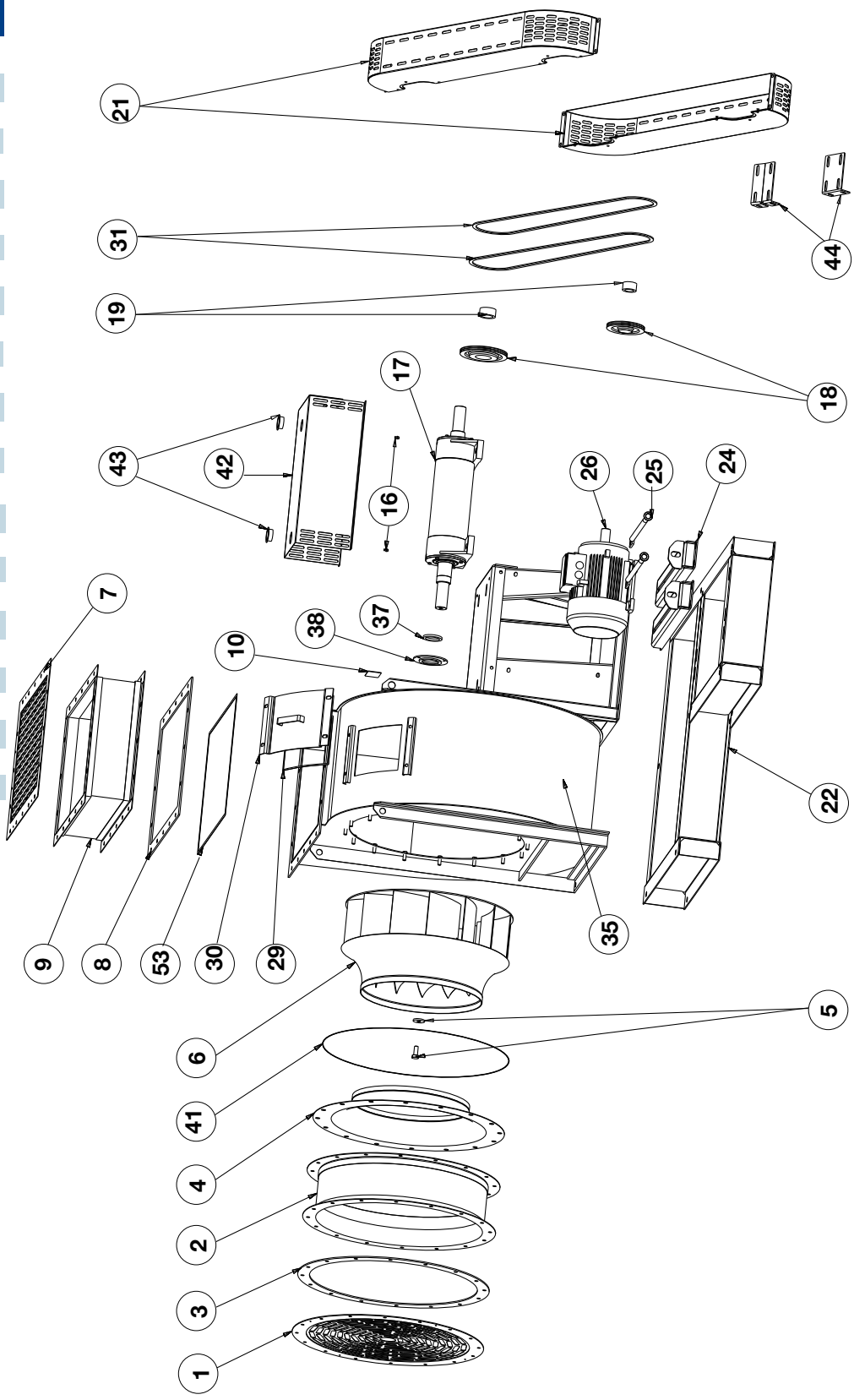
Exec. 12 revolvable execution

POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
11	Front support
16	Greaser
17	Single-block support
18	Pulley
19	Taper bush
21	Belt transmission guard
24	Motor slides
25	Threaded drawplates for tensioning
26	Electric motor
28	Fan housing
29	Seal
30	Inspection door
37	**Motor shaft** sealing
38	**S**haft sealing support
41	Gasket on fan housing
42	Single-block protecting guard
43	Drain plugs
44	Carter supporting brackets
53	Outlet gasket



Exec. 12 Not revolvable execution

POS.	Description
1	Inlet protection grill
2	Inlet counter-flange
3	Inlet flexible joint
4	Inlet cone
5	Rotor bolt and fastening washer
6	Impeller
7	Outlet protection grill
8	Outlet counter-flange
9	Outlet flexible joint
10	Identification plate
16	Greaser
17	Single-block support
18	Pulley
19	Taper bush
21	Belt transmission guard
24	Motor slides
25	Threaded drawplates for tensioning
26	Electric motor
29	Seal
30	Inspection door
35	Complete fan frame
37	Motor shaft sealing
38	Shaft sealing support
41	Gasket on fan housing
42	Single-block protecting guard
43	Drain plugs
44	Carter supporting brackets
53	Outlet gasket



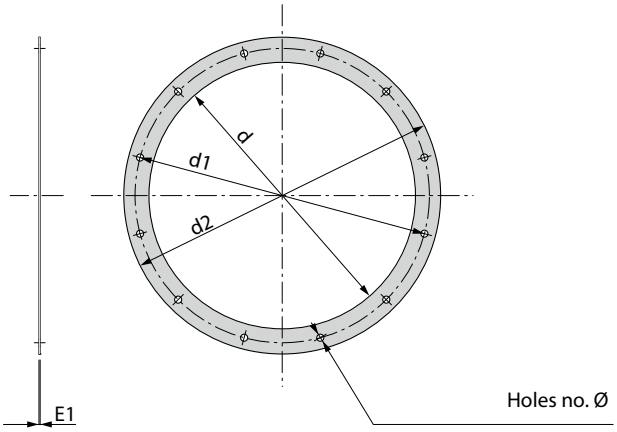
3. COUNTER-FLANGES

INLET FLANGE : Inside diameter "d" for number of holes in the inlet flange in accordance with the fan SIZE-MODEL.

SIZE	TYPE																
	CA	RL	RH	RLD	RM	GF	GR	ZA	ZB	ZC	ZM	VA	VC	VG	VI	VP	VM
180	185x8																
200	205x8																
220	228x8				130x4						130x4						
250	255x8	255x8			185x8	205x8					185x8						
280	285x8	285x8			205x8	228x8					205x8						
310	320x8	320x8			228x8	255x8					228x8	145x8					
350	360x8	360x8			255x8	285x8					255x8	145x8					185x8
400	405x8	405x8	405x8	405x8	285x8	320x8	255x8	130x4	185x8	255x8	285x8	145x8		185x8	228x8	145x8	205x8
450	455x8	455x8	455x8	455x8	320x8	360x8	285x8	145x8	205x8	285x8	320x8	145x8		205x8	255x8	165x8	228x8
500	505x8	505x8	505x8	505x8	360x8	405x12	320x8	165x8	228x8	320x8	360x8	145x8	145x8	228x8	285x8	185x8	255x8
560	565x16	565x16	565x16	565x16	405x12	455x12	360x8	185x8	255x8	360x8	405x12	145x8	165x8	255x8	320x8	205x8	285x8
630	635x16	635x16	635x16	635x16	455x12	505x12	405x12	205x8	285x8	405x12	455x12	145x8	185x8	285x8	360x8	228x8	320x8
710	715x16	715x16	715x16	715x16	505x12	565x12	455x12	228x8	320x8	455x12	505x12	165x8	205x8	320x8	405x12	255x8	360x8
800	805x16	805x16	805x16	805x16	565x12	635x12	505x12	255x8	360x8	505x12	565x12	165x8	228x8	360x8	455x12	285x8	405x12
900	905x16	905x16	905x16	905x16	635x12	715x16	565x12	285x8	405x12	565x12	635x12	185x8	255x8	405x12	505x12	320x8	455x12
1000	1007x16	1007x16	1007x16	1007x16	715x16	805x16	635x12	320x8	455x12	635x12	715x16	185x8	285x8	455x12	565x12	360x8	505x12
1120		1130x24	1130x24	1130x24	805x16	905x16	715x16		505x12	715x16	805x16		320x8	505x12	635x12	405x12	565x12
1250		1260x24	1260x24	1260x24	905x16	1007x24	805x16		565x12	805x16	905x16		360x8	565x12	715x16	455x12	635x12
1400		1420x32	1420x32	1420x32	1007x24	1130x24	905x16							635x12	805x16	505x12	715x16
1600		1610x32	1610x32	1610x32	1130x24	1260x24	1007x24							715x16	905x16	565x12	805x16
1800		1810x32	1810x32	1810x32	1260x24	1420x32	1130x24								1007x24		905x16
2000		2010x32	2010x32	2010x32	1420x32	1610x32	1260x24								1130x24		1007x24

CENTRIFUGAL FANS - ACCESSORIES

INLET FLANGE : Normally counter-flanges are supplied in steel : a special request must be included in the order for surface coating requirements.



d x nº holes	CODE	d1	d2	ø	E1
130x4	**CFA 0130 A (ZA400)**	165	190	4	3
130x4	**CFA 0130 B**	150	170	4	3
145x8	**CFA 0145 A**	182	215	8	3
165x8	**CFA 0165 A**	200	235	8	3
185x8	**CFA 0185 A**	219	250	8	3
205x8	**CFA 0205 A**	241	275	8	3
228x8	**CFA 0228 A**	265	298	8	3
255x8	**CFA 0255 A**	292	325	10	4
285x8	**CFA 0285 A**	332	365	12	4
320x8	**CFA 0320 A**	366	400	12	4
360x8	**CFA 0360 A**	405	440	12	4
405x12	**CFA 0405 A**	448	485	12	4
405x8	**CFA 0405 B**	448	485	12	4
455x12	**CFA 0455 A**	497	535	12	4
455x8	**CFA 0455 B**	497	535	12	4
505x12	**CFA 0505 A**	551	585	14	4
505x8	**CFA 0505 B**	551	585	14	4
565x12	**CFA 0565 A**	629	665	14	4
565x16	**CFA 0565 B**	629	665	14	4
635x12	**CFA 0635 A**	698	735	14	5
635x16	**CFA 0635 B**	698	735	14	5
715x16	**CFA 0715 A**	775	815	14	5
805x16	**CFA 0805 A**	861	905	14	6
905x16	**CFA 0905 A**	958	1005	14	6
1007x24	**CFA 1007 A**	1067	1107	14	6
1007x16	**CFA 1007 B**	1067	1107	14	6
1130x24	**CFA 1130 A**	1200	1250	14	6
1260x24	**CFA 1260 A**	1337	1380	17	6
1420x32	**CFA 1420 A**	1491	1540	17	6
1610x32	**CFA 1610 A**	1663	1730	17	6
1810x32	**CFA 1810 A**	1856	1930	18	6
2010x32	**CFA 2010 A**	2073	2130	18	6

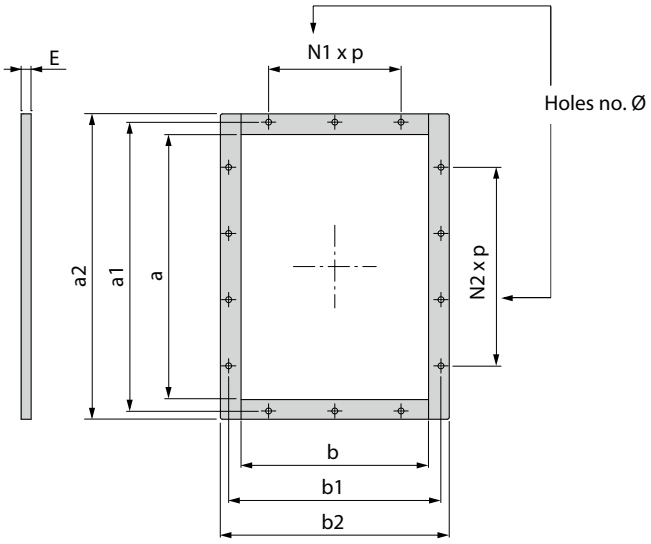
CENTRIFUGAL FANS - ACCESSORIES

OUTLET FLANGE : inside dimensions “a x b “ of the outlet flange in accordance with the fan SIZE-MODEL

SIZE	TYPE																
	CA	RL	RH	RLD	RM	GF	GR	ZA	ZB	ZC	ZM	VC	VG	VI	VP	VM	VA
180	185x131																
200	207x148																
220	231x166				124x103						124x103						
250	258x185	258x185			207x148	207x148					207x148						
280	288x205	288x205			231x166	231x166					231x166						
310	322x229	322x229			258x185	258x185					258x185						Ø54x4
350	361x256	361x256			288x205	288x205					288x205					146x105	Ø54x4
400	404x288	404x288	404x288	569x404	322x229	322x229	258x185	95x68	166x117	258x185	322x229			207x148	105x76	166x117	Ø54x4
450	453x322	453x322	453x322	638x453	361x256	361x256	288x205	105x76	185x131	288x205	361x256		146x105	231x166	117x85	185x131	Ø54x4
500	507x361	507x361	507x361	715x507	404x288	404x288	322x229	117x85	207x148	322x229	404x288	105x76	166x117	258x185	131x95	207x148	Ø54x4
560	569x404	569x404	569x404	801x569	453x322	453x322	361x256	131x95	231x166	361x256	453x322	117x85	185x131	288x205	146x105	231x166	Ø54x4
630	638x453	638x453	638x453	898x638	507x361	507x361	404x288	146x105	258x185	404x288	507x361	131x95	207x148	322x229	166x117	258x185	Ø54x4
710	715x507	715x507	715x507	1007x715	569x404	569x404	453x322	166x117	288x205	453x322	569x404	146x105	231x166	361x256	185x131	288x205	Ø66x4
800	801x569	801x569	801x569	1130x801	638x453	638x453	507x361	185x131	322x229	507x361	638x453	166x117	258x185	404x288	207x148	322x229	Ø66x4
900	898x638	898x638	898x638	1267x898	715x507	715x507	569x404	207x148	361x256	569x404	715x507	185x131	288x205	453x322	231x166	361x256	Ø83x4
1000	1007x715	1007x715	1007x715	1421x1007	801x569	801x569	638x453	231x166	404x288	638x453	801x569	207x148	322x229	507x361	258x185	404x288	Ø83x4
1120		1130x801	1130x801	1593x1130	898x638	898x638	715x507			715x507	898x638	231x166	361x256	569x404	288x205	453x322	
1250		1267x898	1267x898	1786x1267	1007x715	1007x715	801x569			801x569	1007x715	258x185	404x288	638x453	322x229	507x361	
1400		1421x1007	1421x1007	2003x1421	1130x801	1130x801	898x638							715x507	361x256	569x404	
1600		1593x1130	1593x1130	2248x1593	1267x898	1267x898	1007x715							801x569	404x288	638x453	
1800		1786x1267	1786x1267	2521x1786	1421x1007	1421x1007	1130x801							898x638		715x507	
2000		2003x1421	2003x1421	2810x2003	1593x1130	1593x1130	1267x898							1007x715		801x569	

CENTRIFUGAL FANS - ACCESSORIES

OUTLET FLANGE : Normally counter-flanges are supplied in steel : a special request must be included in the order for surface coating requirements.

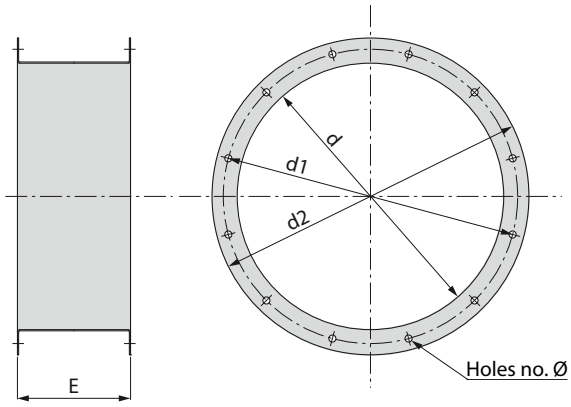


a x b	CODE	a1	b1	a2	b2	N1 x p	N2 x p	n°	ø	E
95x68	**CFP 0095x0068**	129	102	155	128	-	-	4	10	3
105x76	**CFP 0105x0076**	139	110	165	136	-	-	4	10	4
117x85	**CFP 0117x0085**	151	119	177	145	-	-	4	10	4
124x103	**CFP 0124x0103**	145	125	164	143	-	-	4	8	4
131x95	**CFP 0131x0095**	165	129	191	155	-	1x100	6	10	4
146x105	**CFP 0146x0105**	182	139	216	175	-	1x112	6	12	4
166x117	**CFP 0166x0117**	200	151	236	187	-	1x112	6	12	4
185x131	**CFP 0185x0131**	219	165	255	201	-	1x112	6	12	4
207x148	**CFP 0207x0148**	241	182	277	218	1x112	1x112	8	12	4
231x166	**CFP 0231x0166**	265	200	301	236	1x112	1x112	8	12	4
258x185	**CFP 0258x0185**	292	219	328	255	1x112	2x112	10	12	4
288x205	**CFP 0288x0205**	332	249	368	285	1x125	2x125	10	12	4
322x229	**CFP 0322x0229**	366	273	402	309	1x125	2x125	10	12	4
361x256	**CFP 0361x0256**	405	300	441	336	1x125	2x125	10	12	4
404x288	**CFP 0404x0288**	448	332	484	368	2x125	3x125	14	12	4
453x322	**CFP 0453x0322**	497	366	533	402	2x125	3x125	14	12	4
507x361	**CFP 0507x0361**	551	405	587	441	2x125	3x125	14	12	4
569x404	**CFP 0569x0404**	629	464	669	504	2x160	3x160	14	14	4
638x453	**CFP 0638x0453**	698	513	738	553	2x160	3x160	14	14	4
715x507	**CFP 0715x0507**	775	567	815	607	2x160	4x160	16	14	6
801x569	**CFP 0801x0569**	871	639	921	689	2x200	3x200	14	14	6
898x638	**CFP 0898x0638**	968	708	1018	758	3x200	4x200	18	14	8
1007x715	**CFP 1007x0715**	1077	785	1127	835	3x200	4x200	18	14	8
1130x801	**CFP 1130x0801**	1210	881	1270	941	3x200	5x200	20	18	8
1267x898	**CFP 1267x0898**	1347	978	1407	1038	4x200	6x200	24	18	8
1421x1007	**CFP 1421x1007**	1501	1087	1561	1147	4x200	6x200	24	18	10
1593x1130	**CFP 1593x1130**	1683	1220	1753	1290	5x200	7x200	28	22	10
1786x1267	**CFP 1786x1267**	1876	1357	1946	1427	6x200	8x200	32	22	10
2003x1421	**CFP 2003x1421**	2093	1511	2163	1581	6x200	9x200	34	22	10
2248x1593	**CFP 2248x1593**	2348	1693	2428	1773	8x200	10x200	40	22	10
2521x1786	**CFP 2521x1786**	2621	1886	2701	1966	9x200	11x200	44	22	10
2810x2003	**CFP 2810X2003**	2910	2103	2990	2183	10X200	12X200	48	22	10

FA.T07.FM.2018.V1.0.UK

4. INLET COLLARS

Use : inlet collars are designed to facilitate duct-mounting or wall-mounting of fans. In the code, replace letter "E" with the numerical value shown in one of the two columns: E or E1.



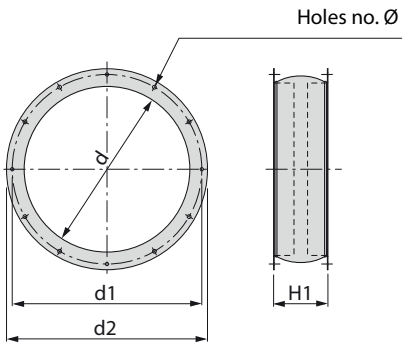
d x nº holes	CODE	d1	d2	ø	E	E1
130x4	**COL 0130H"E"F04N**	165	190	4	120	
130x4	**COL 0130H"E"F04R**	150	170	4	120	
145x8	**COL 0145H"E"F08N**	182	215	8	120	
165x8	**COL 0165H"E"F08N**	200	235	8	120	
185x8	**COL 0185H"E"F08N**	219	250	8	120	
205x8	**COL 0205H"E"F08N**	241	275	8	120	
228x8	**COL 0228H"E"F08N**	265	298	8	120	
255x8	**COL 0255H"E"F08N**	292	325	12	120	
285x8	**COL 0285H"E"F08N**	332	365	12	120	
315x8	**COL 0315H"E"F08N**	366	400	12	120	
355x8	**COL 0355H"E"F08N**	405	440	12	120	* 150
400x12	**COL 0400H"E"F12N**	448	485	12	120	* 150
400x8	**COL 0400H"E"F08N**	448	485	12	120	* 150
455x12	**COL 0450H"E"F12N**	497	535	12	120	* 150
455x8	**COL 0450H"E"F08N**	497	535	12	120	* 150
500x12	**COL 0500H"E"F12N**	551	585	14	120	* 150
500x8	**COL 0500H"E"F08N**	551	585	14	120	* 150
560x12	**COL 0560H"E"F12N**	629	670	14	120	* 150
560x16	**COL 0560H"E"F16N**	629	670	14	120	* 150
635x12	**COL 0630H"E"F12N**	698	735	14	120	* 150
635x16	**COL 0630H"E"F16N**	698	740	14	120	* 150
710x16	**COL 0710H"E"F16N**	775	815	14	120	* 150
800x16	**COL 0800H"E"F16N**	861	905	14	120	* 150
900x16	**COL 0900H"E"F16N**	958	1005	12	120	* 150
1007x24	**COL 1007H"E"F24N**	1067	1107	14		150
1007x16	**COL 1007H"E"F16N**	1067	1107	14		150
1130x24	**COL 1130H"E"F24N**	1200	1250	14		150
1250x24	**COL 1250H"E"F24N**	1337	1400	16		150
1420x32	**COL 1420H"E"F32N**	1491	1540	17		150
1610x32	**COL 1610H"E"F32N**	1663	1730	17		150
1810X32	**COL 1810H"E"F32N**	1856	1930	18		150
2010X32	**COL 2010H"E"F32N**	2073	2130	18		150

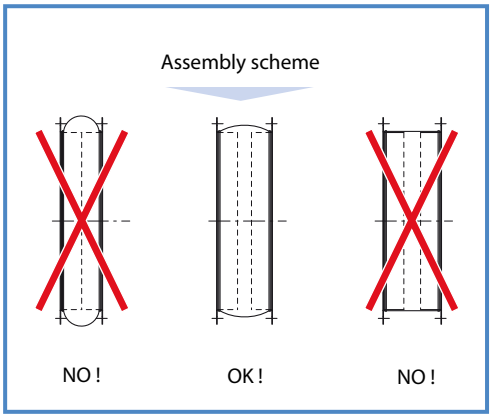
** Special height*

5. FLEXIBLE CONNECTIONS

INLET FLEXIBLE CONNECTION - clean air

Use : designed to prevent the transmission of vibration to the ducts.



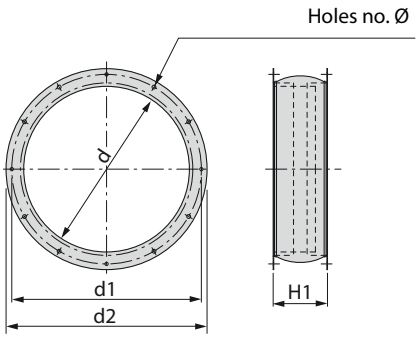


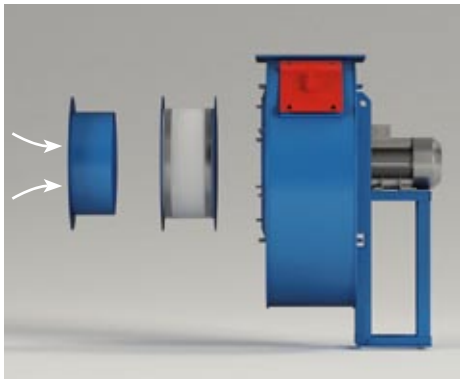
H1 is the coupling installation height. H2 is the height of the fully extended coupling and not the coupling dimension in working conditions.

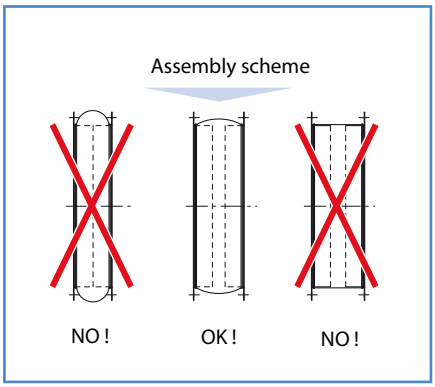
d x holes no.	CODE	d1	d2	ø	H1	H2
130x4	**GA3 0130 A**	165	190	10	145	170
130x4	**GA3 0130 B**	150	170	10	145	170
145x8	**GA3 0151 A**	182	215	10	145	170
165x8	**GA3 0169 A**	200	235	10	145	170
185x8	**GA3 0182 A**	219	255	10	145	170
205x8	**GA3 0203 A**	241	275	10	145	170
228x8	**GA3 0220 A**	265	298	10	145	170
255x8	**GA3 0255 A**	292	325	12	145	170
285x8	**GA3 0285 A**	332	370	12	145	170
315x8	**GA3 0315 A**	366	405	12	145	170
355x8	**GA3 0355 A**	405	445	12	145	170
400x12	**GA3 0400 A**	448	490	12	145	170
400x8	**GA3 0400 B**	448	490	12	145	170
455x12	**GA3 0450 A**	497	540	12	145	170
455x8	**GA3 0450 B**	497	540	12	145	170
500x12	**GA3 0500 A**	551	590	14	145	170
500x8	**GA3 0500 B**	551	590	14	145	170
560x12	**GA3 0560 A**	629	670	14	180	205
560x16	**GA3 0560 B**	629	670	14	180	205
635x12	**GA3 0630 A**	698	740	14	180	205
635x16	**GA3 0630 B**	698	740	14	180	205
710x16	**GA3 0710 A**	775	821	14	180	205
800x16	**GA3 0800 A**	861	911	14	180	205
900x16	**GA3 0900 A**	958	1011	14	180	205
1007x24	**GA3 1000 A**	1067	1111	17	230	255
1007x16	**GA3 1000 B**	1067	1111	17	230	255
1130x24	**GA3 1120 A**	1200	1251	17	230	255
1250x24	**GA3 1250 A**	1337	1381	17	230	255
1420x32	**GA3 1420 A**	1491	1540	17	230	255
1610x32	**GA3 1610 A**	1663	1730	17	230	255
1810X32	**GA3 1810 A**	1856	1930	18	230	255
2010X32	**GA3 2010 A**	2073	2130	18	230	255

INLET FLEXIBLE CONNECTION - Loaded air

Use : designed to prevent the transmission of vibration to the ducts. The coupling connection features a funnel shaped element, which is not intended to keep the fabric separate from the atmosphere inside the coupling, but rather to prevent the conveyed flow from striking the fabric directly with the consequent risk of damage. This type of coupling should be fitted in the case of high velocity flows and in the presence of abrasive particulate.







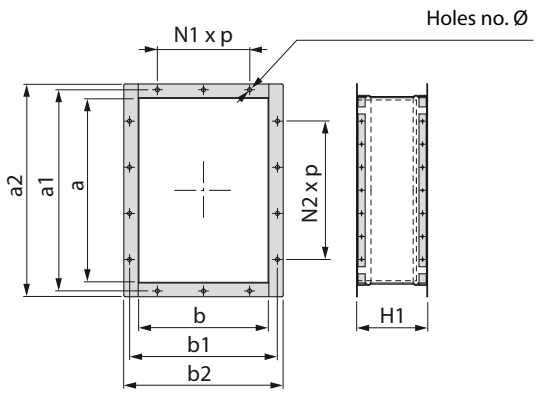
H1 is the coupling installation height. H2 is the height of the fully extended coupling and not the coupling dimension in working conditions.

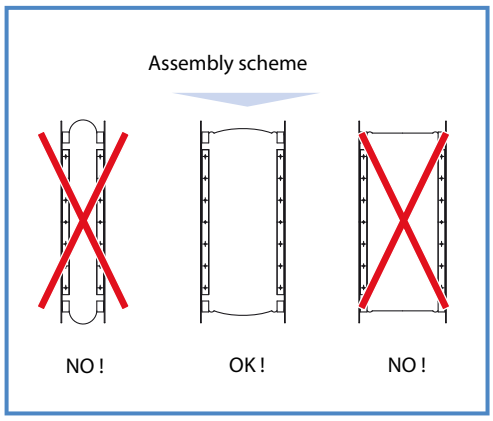
d x holes no.	CODE	d1	d2	ø	H1	H2
130x4	**GA6 0130 A**	165	190	10	145	170
130x4	**GA6 0130 B**	150	170	10	145	170
145x8	**GA6 0151 A**	182	215	10	145	170
165x8	**GA6 0169 A**	200	235	10	145	170
185x8	**GA6 0182 A**	219	255	10	145	170
205x8	**GA6 0203 A**	241	275	10	145	170
228x8	**GA6 0220 A**	265	298	10	145	170
255x8	**GA6 0255 A**	292	325	12	145	170
285x8	**GA6 0285 A**	332	370	12	145	170
315x8	**GA6 0315 A**	366	405	12	145	170
355x8	**GA6 0355 A**	405	445	12	145	170
400x12	**GA6 0400 A**	448	490	12	145	170
400x8	**GA6 0400 B**	448	490	12	145	170
455x12	**GA6 0450 A**	497	540	12	145	170
455x8	**GA6 0450 B**	497	540	12	145	170
500x12	**GA6 0500 A**	551	590	14	145	170
500x8	**GA6 0500 B**	551	590	14	145	170
560x12	**GA6 0560 A**	629	670	14	180	205
560x16	**GA6 0560 B**	629	670	14	180	205
635x12	**GA6 0630 A**	698	740	14	180	205
635x16	**GA6 0630 B**	698	740	14	180	205
710x16	**GA6 0710 A**	775	821	14	180	205
800x16	**GA6 0800 A**	861	911	14	180	205
900x16	**GA6 0900 A**	958	1011	14	180	205
1007x24	**GA6 1000 A**	1067	1111	17	230	255
1007x16	**GA6 1000 B**	1067	1111	17	230	255
1130x24	**GA6 1120 A**	1200	1251	17	230	255
1250x24	**GA6 1250 A**	1337	1381	17	230	255
1420x32	**GA6 1420 A**	1491	1540	17	230	255
1610x32	**GA6 1610 A**	1663	1730	17	230	255
1810X32	**GA6 1810 A**	1856	1930	18	230	255
2010X32	**GA6 2010 A**	2073	2130	18	230	255

CENTRIFUGAL FANS - ACCESSORIES

OUTLET FLEXIBLE CONNECTION - clean air

Use : designed to prevent the transmission of vibration to the ducts.



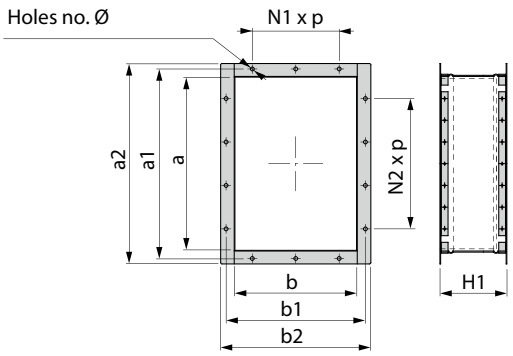


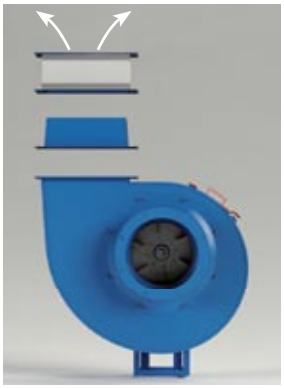
H1 is the coupling installation height. H2 is the height of the fully extended coupling and not the coupling dimension in working conditions.

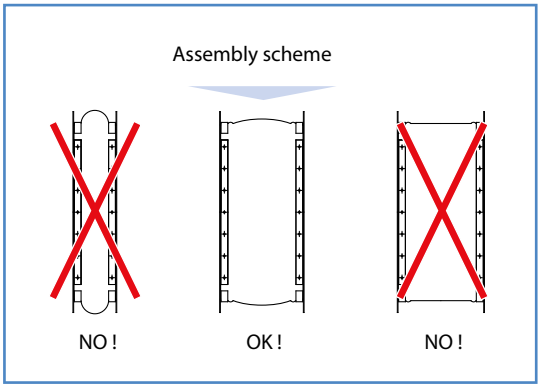
a x b	CODE	a1	b1	a2	b2	N1 x p	N2 x p	n°	ø	H1	H2
95x68	**GP3 95x68**	129	102	155	128	-	-	4	10	145	170
105x76	**GP3 105x76**	139	110	165	136	-	-	4	10	145	170
117x85	**GP3 117x85**	151	119	177	145	-	-	4	10	145	170
124x103	**GP3 124x103**	145	125	163	143	-	-	4	8	145	170
131x95	**GP3 131x95**	165	129	191	155	-	1x100	6	10	145	170
146x105	**GP3 146x105**	182	139	216	175	-	1x112	6	12	145	170
166x117	**GP3 166x117**	200	151	236	187	-	1x112	6	12	145	170
185x131	**GP3 185x131**	219	165	255	201	-	1x112	6	12	145	170
207x148	**GP3 207x148**	241	182	277	218	1x112	1x112	8	12	145	170
231x166	**GP3 231x166**	265	200	301	236	1x112	1x112	8	12	145	170
258x185	**GP3 258x185**	292	219	328	255	1x112	2x112	10	12	145	170
288x205	**GP3 288x205**	332	249	368	285	1x125	2x125	10	12	145	170
322x229	**GP3 322x229**	366	273	402	309	1x125	2x125	10	12	145	170
361x256	**GP3 361x256**	405	300	441	336	1x125	2x125	10	12	145	170
404x288	**GP3 404x288**	448	332	484	368	2x125	3x125	14	12	145	170
453x322	**GP3 453x322**	497	366	533	402	2x125	3x125	14	12	145	170
507x361	**GP3 507x361**	551	405	587	441	2x125	3x125	14	12	145	170
569x404	**GP3 569x404**	629	464	669	504	2x160	3x160	14	14	180	205
638x453	**GP3 638x453**	698	513	738	553	2x160	3x160	14	14	180	205
715x507	**GP3 715x507**	775	567	815	607	2x160	4x160	16	14	180	205
801x569	**GP3 801x569**	871	639	921	689	2x200	3x200	14	14	180	205
898x638	**GP3 898x638**	968	708	1018	758	3x200	4x200	18	14	180	205
1007x715	**GP3 1007x715**	1077	785	1127	835	3x200	4x200	18	14	180	205
1130x801	**GP3 1130x801**	1210	881	1270	941	3x200	5x200	20	18	180	205
1267x898	**GP3 1267x898**	1347	978	1407	1038	4x200	6x200	24	18	180	205
1421x1007	**GP3 1421x1007**	1501	1087	1561	1147	4x200	6x200	24	18	180	205
1593x1130	**GP3 1593x1130**	1683	1220	1753	1290	5x200	7x200	28	22	180	205
1786x1267	**GP3 1786x1267**	1876	1357	1946	1427	6x200	8x200	32	22	180	205
2003x1421	**GP3 2003x1421**	2093	1511	2163	1581	6x200	9x200	34	22	180	205
2248x1593	**GP3 2248x1593**	2348	1693	2428	1773	8x200	10x200	40	22	180	205
2521x1786	**GP3 2521x1786**	2621	1886	2701	1966	9x200	11x200	44	22	180	205
2810x2003	**GP3 2810x2003**	2910	2103	2990	2183	10x200	12x200	48	22	180	205

OUTLET FLEXIBLE CONNECTION - loaded air

Use : designed to prevent the transmission of vibration to the ducts. The coupling connection features a funnel shaped element, which is not intended to keep the fabric separate from the atmosphere inside the coupling, but rather to prevent the conveyed flow from striking the fabric directly with the consequent risk of damage. This type of coupling should be fitted in the event of high velocity flows and in the presence of abrasive particulate.







a x b	CODE	a1	b1	a2	b2	N1 x p	N2 x p	n°	ø	H1	H2
95x68	**GP6 0095x0068**	129	102	155	128	-	-	4	10	145	170
105x76	**GP6 0105x0076**	139	110	165	136	-	-	4	10	145	170
117x85	**GP6 0117x0085**	151	119	177	145	-	-	4	10	145	170
124x103	**GP6 0124x0103**	145	125	163	143	-	-	4	8	145	170
131x95	**GP6 0131x0095**	165	129	191	155	-	1x100	6	10	145	170
146x105	**GP6 0146x0105**	182	139	216	175	-	1x112	6	12	145	170
166x117	**GP6 0166x0117**	200	151	236	187	-	1x112	6	12	145	170
185x131	**GP6 0185x0131**	219	165	255	201	-	1x112	6	12	145	170
207x148	**GP6 0207x0148**	241	182	277	218	1x112	1x112	8	12	145	170
231x166	**GP6 0231x0166**	265	200	301	236	1x112	1x112	8	12	145	170
258x185	**GP6 0258x0185**	292	219	328	255	1x112	2x112	10	12	145	170
288x205	**GP6 0288x0205**	332	24 9	368	285	1x125	2x125	10	12	145	170
322x229	**GP6 0322x0229**	366	273	402	309	1x125	2x125	10	12	145	170
361x256	**GP6 0361x0256**	405	300	441	336	1x125	2x125	10	12	145	170
404x288	**GP6 0404x0288**	448	332	484	368	2x125	3x125	14	12	145	170
453x322	**GP6 0453x0322**	497	366	533	402	2x125	3x125	14	12	145	170
507x361	**GP6 0507x0361**	551	405	587	441	2x125	3x125	14	12	145	170
569x404	**GP6 0569x0404**	629	464	669	504	2x160	3x160	14	14	180	205
638x453	**GP6 0638x0453**	698	513	738	553	2x160	3x160	14	14	180	205
715x507	**GP6 0715x0507**	775	567	815	607	2x160	4x160	16	14	180	205
801x569	**GP6 0801x0569**	871	639	921	689	2x200	3x200	14	14	180	205
898x638	**GP6 0898x0638**	968	708	1018	758	3x200	4x200	18	14	180	205
1007x715	**GP6 1007x0715**	1077	785	1127	835	3x200	4x200	18	14	180	205
1130x801	**GP6 1130x0801**	1210	881	1270	941	3x200	5x200	20	18	180	205
1267x898	**GP6 1267x0898**	1347	978	1407	1038	4x200	6x200	24	18	180	205
1421x1007	**GP6 1421x1007**	1501	1087	1561	1147	4x200	6x200	24	18	180	205
1593x1130	**GP6 1593x1130**	1683	1220	1753	1290	5x200	7x200	28	22	180	205
1786x1267	**GP6 1786x1267**	1876	1357	1946	1427	6x200	8x200	32	22	180	205
2003x1421	**GP6 2003x1421**	2093	1511	2163	1581	6x200	9x200	34	22	180	205
2248x1593	**GP6 2248x1593**	2348	1693	2428	1773	8x200	10x200	40	22	180	205
2521x1786	**GP6 2521x1786**	2621	1886	2701	1966	9x200	11x200	44	22	180	205
2810x2003	**GP6 2810x2003**	2910	2103	2990	2183	10x200	12x200	48	22	180	205

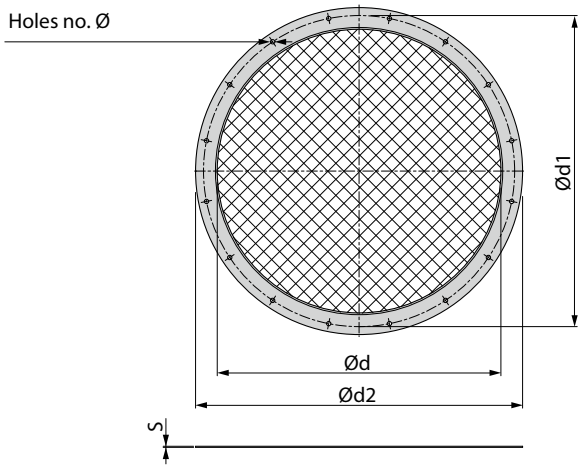
H1 is the coupling installation height. H2 is the height of the fully extended coupling and not the coupling dimension in working conditions.

6. GRILLS

INLET GRILLS

Use : designed to prevent the ingress of foreign objects into the fan.

Caution: *when calculating losses in the system the losses due to the grilles must be factored in.*



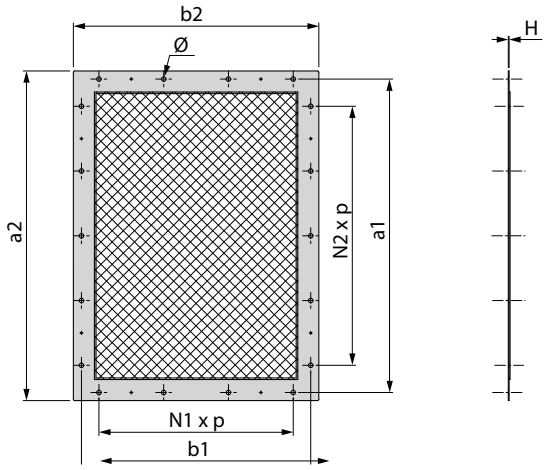
d x holes no.	CODE	d1	d2	ø	S
130x4	**RET A 0150 0160**	Slot 150-162	174	7	1.5
145x8	**RET A 0178 0188**	*Slot*176-190	202	7	1.5
165x8	**RET A 0200 0212**	*Slot*198-214	226	7	2
185x8	**RET A 0219**	219	245	8	2
205x8	**RET A 0241**	241	265	8	2
228x8	**RET A 0265**	265	288	8	2
255x8	**RET A 0292**	292	325	10	2
285x8	**RET A 0332**	332	365	10	2
315x8	**RET A 0366**	366	400	10	2
355x8	**RET A 0405**	405	440	11	2
400x8 *or* 400x12	**RET A 0448**	448	485	11	2
455x8 *or* 455x12	**RET A 0497**	497	535	11	2
500x8 *or* 500x12	**RET A 0551**	551	585	10	3
560x12 *or* 560x16	**RET A 0629**	629	665	10	3
635x12 *or* 635x16	**RET A 0698**	698	735	12	3
710x16	**RET A 0775**	775	815	12	3
800x16	**RET A 0861**	861	905	12	3
900x16	**RET A 0958**	958	1005	13	3
1007x16 *or* 1007x24	**RET A 1067**	1067	1107	12	3
1130x24	**RET A 1200**	1200	1250	14	4
1250x24	**RET A 1337**	1337	1380	15	4
1420x32	**RET A 1491**	1491	1540	15	4
1610x32	**RET A 1663**	1663	1730	17	4
1810X32	**RET A 1810**	1856	1930	18	6
2010X32	**RET A 2010**	2073	2130	18	6

CENTRIFUGAL FANS - ACCESSORIES

OUTLET GRILLS

Use : designed to prevent the ingress of foreign objects into the fan.

Special grills are manufactured with greater thickness for heavy duty applications ; these grills share the same dimensional characteristics as the grilles listed above and should be ordered by specifying RETSM….x…. The use of these reinforced grills is advised when pt x 0.5de > 2500 (where pt is the total fan outlet pressure and de is the equivalent diameter of the outlet port). Caution: when calculating losses in the system the losses due to the grills must be factored in.

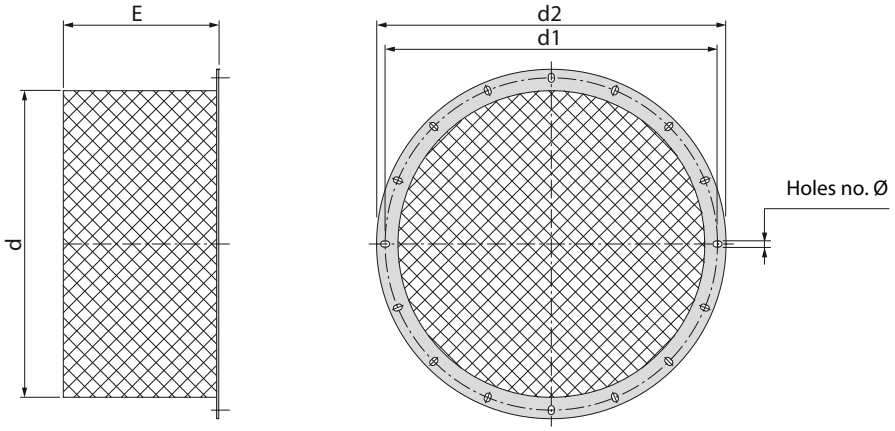


a x b	CODE	a1	b1	a2	b2	N1 x p	N2 x p	ø	H
95x68	**RET M 0095x0068**	129	102	155	128	-	-	10	1.5
105x76	**RET M 0105x0076**	139	110	165	136	-	-	10	1.5
117x85	**RET M 0117x0085**	151	119	177	145	-	-	10	1.5
124x103	**RET M 0124x0103**	145	125	163	143	-	-	8	1.5
131x95	**RET M 0131x0095**	165	129	191	155	-	1x100	10	1.5
146x105	**RET M 0146x0105**	182	139	216	175	-	1x112	12	1.5
166x117	**RET M 0166x0117**	200	151	236	187	-	1x112	12	1.5
185x131	**RET M 0185x0131**	219	165	255	201	-	1x112	12	1.5
207x148	**RET M 0207x0148**	241	182	277	218	1x112	1x112	12	1.5
231x166	**RET M 0231x0166**	265	200	301	236	1x112	1x112	12	2
258x185	**RET M 0258x0185**	292	219	328	255	1x112	2x112	12	2
288x205	**RET M 0288x0205**	332	249	368	285	1x125	2x125	12	2
322x229	**RET M 0322x0229**	366	273	402	309	1x125	2x125	12	5
361x256	**RET M 0361x0256**	405	300	441	336	1x125	2x125	12	3
404x288	**RET M 0404x0288**	448	332	484	368	2x125	3x125	12	6
453x322	**RET M 0453x0322**	497	366	533	402	2x125	3x125	12	6
507x361	**RET M 0507x0361**	551	405	587	441	2x125	3x125	12	6
569x404	**RET M 0569x0404**	629	464	669	504	2x160	3x160	14	6
638x453	**RET M 0638x0453**	698	513	738	553	2x160	3x160	14	6
715x507	**RET M 0715x0507**	775	567	815	607	2x160	4x160	14	6
801x569	**RET M 0801x0569**	871	639	921	689	2x200	3x200	14	6
898x638	**RET M 0898x0638**	968	708	1018	758	3x200	4x200	14	6
1007x715	**RET M 1007x0715**	1077	785	1127	835	3x200	4x200	14	6
1130x801	**RET M 1130x0801**	1210	881	1270	941	3x200	5x200	18	6
1267x898	**RET M 1267x0898**	1347	978	1407	1038	4x200	6x200	18	6
1421x1007	**RET M 1421x1007**	1501	1087	1561	1147	4x200	6x200	18	6
1593x1130	**RET M 1593x1130**	1683	1220	1753	1290	5x200	7x200	22	6
1786x1267	**RET M 1786x1267**	1876	1357	1946	1427	6x200	8x200	22	6
2003x1421	**RET M 2003x1421**	2093	1511	2163	1581	6x200	9x200	22	6
2248x1593	**RET M 2248x1593**	2348	1693	2428	1773	8x200	10x200	22	6
2521x1786	**RET M 2521x1786**	2621	1886	2701	1966	9x200	11x200	22	6
2810x2003	**RET M 2810x2003**	2910	2103	2990	2183	10x200	12x200	22	6

STRUCTURAL INLET GRILLS

Use : designed to prevent the ingress of foreign objects into the fan. These grills are advised in the case of high negative pressures and they guarantee transit of the fluid flow even when partially obstructed. The use of these grills is advised when pt x 0.5d > 2500 (where pt denotes the total pressure of the fan at the inlet).

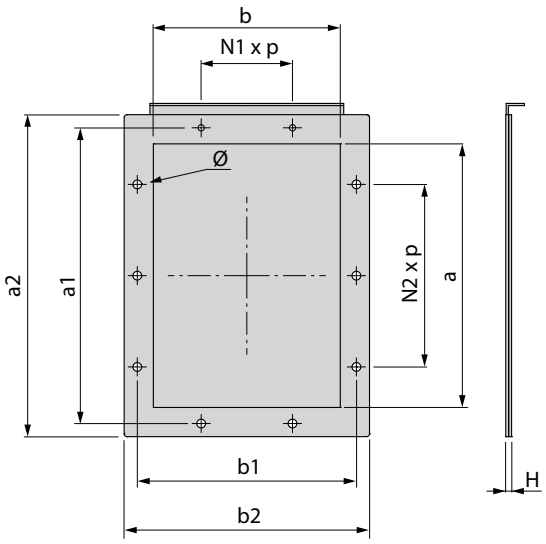
Caution : when calculating losses in the system the losses due to the grills must be factored in.

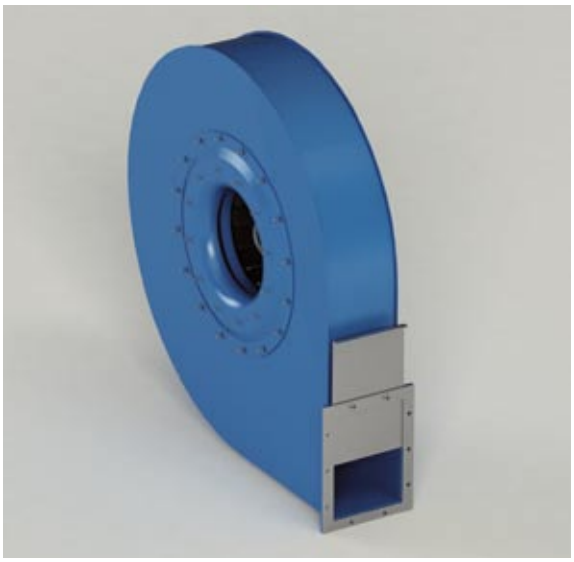


d x holes no.	CODE	d1	d2	ø	E
255x8	**RETS A 0292**	292	325	10	130
285x8	**RETS A 0332**	332	365	10	145
315x8	**RETS A 0366**	366	400	10	160
355x8	**RETS A 0405**	405	440	11	180
400x8 *or* 400x12	**RETS A 0448**	448	485	11	202
455x8 *or* 455x12	**RETS A 0497**	497	535	11	230
500x8 *or* 500x12	**RETS A 0551**	551	585	10	253
560x12 *or* 560x16	**RETS A 0629**	629	665	10	283
635x12 *or* 635x16	**RE TS A 0698**	698	735	12	321
710x16	**RETS A 0775**	775	815	12	358
800x16	**RETS A 0861**	861	905	12	403
900x16	**RETS A 0958**	958	1005	13	453
1007x16 *or* 1007x24	**RETS A 1067**	1067	1107	12	507
1130x24	**RETS A 1200**	1200	1250	14	569
1250x24	**RETS A 1337**	1337	1380	15	629
1420x32	**RETS A 1491**	1491	1540	15	714
1610x32	**RETS A 1663**	1663	1730	17	809
1810X32	**RETS A 1810**	1856	1930	18	911
2010X32	**RETS A 2010**	2073	2130	18	1011

7. SLIDING GATE

Use : designed to regulate the fluid flow at the fan outlet.



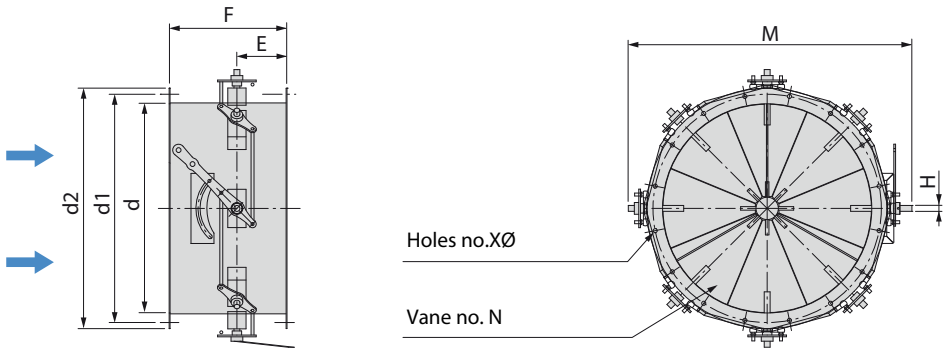


a x b	CODE	a1	b1	a2	b2	N1 x p	N2 x p	ø	H
185x131	**CULS 0185x0131**	219	165	255	201	-	1x112	12	8
207x148	**CULS 0207x0148**	241	182	277	218	1x112	1x112	12	8
231x166	**CULS 0231x0166**	265	200	301	236	1x112	1x112	12	8
258x185	**CULS 0258x0185**	292	219	328	255	1x112	2x112	12	8
288x205	**CULS 0288x0205**	332	249	368	285	1x125	2x125	12	8
322x229	**CULS 0322x0229**	366	273	402	309	1x125	2x125	12	8
361x256	**CULS 0361x0256**	405	300	441	336	1x125	2x125	12	8
404x288	**CULS 0404x0288**	448	332	484	368	2x125	3x125	12	8
453x322	**CULS 0453x0322**	497	366	533	402	2x125	3x125	12	8
507x361	**CULS 0507x0361**	551	405	587	441	2x125	3x125	12	8
569x404	**CULS 0569x0404**	629	464	669	504	2x160	3x160	14	8
638x453	**CULS 0638x0453**	698	513	738	553	2x160	3x160	14	8
715x507	**CULS 0715x0507**	775	567	815	607	2x160	4x160	14	10
801x569	**CULS 0801x0569**	871	639	921	689	2x200	3x200	14	10

8. FLOW REGULATORS

INLET FLOW REGULATORS

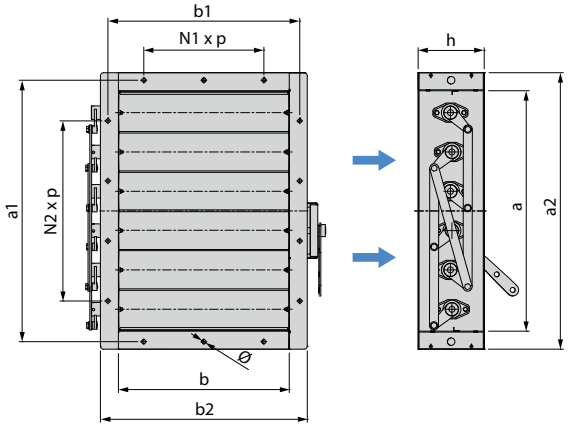
Use: designed to control the flow by altering the angle of a series of radial vanes located at the fan inlet position. By imparting a rotary motion to the fluid flow entering the fan that coincides with the direction of rotation of the impeller, high efficiency operation can be achieved in light duty operating conditions. Standard up to 200°C, special hot gas from 200°C to 300°C. Flow regulators can feature manual or pneumatic control (on-off), electromechanical control (on-off or stepless adjustment) or are supplied with a quarter turn actuator, see TAB.17. The table describes the maximum moment of torque at the control lever spindle that can be delivered with standard actuator systems.



d x holes no.	CODE	d1	d2	ø	E	F	H	M	N	Max torque moment Nm with control			Weight
										COMEL	COMPN	COMQG	kg
315x8	**VAL DAP 0320H8**	366	400	12	120	280	20	510	6	532	287	250	26
355x8	**VAL DAP 0355H8**	405	440	12	120	280	20	570	6	532	287	250	29
400x12	**VAL DAP 0405H12**	448	485	12	150	310	20	600	8	532	287	250	32
400x8	**VAL DAP 0405H8**	448	485	12	150	310	20	600	8	532	287	250	32
455x12	**VAL DAP 0455H12**	497	535	12	150	310	20	680	8	532	287	250	37
455x8	**VAL DAP 0455H8**	497	535	12	150	310	20	680	8	532	287	250	37
500x12	**VAL DAP 0505H12**	551	585	14	170	350	20	730	8	532	287	250	41
500x8	**VAL DAP 0505H8**	551	585	14	170	350	20	730	8	532	287	250	41
560x12	**VAL DAP 0565H12**	629	666	14	170	350	20	795	8	532	287	250	46
560x16	**VAL DAP 0565H16**	629	666	14	170	350	20	795	8	532	287	250	46
635x12	**VAL DAP 0635H12**	698	736	14	170	350	20	870	8	532	287	250	51
635x16	**VAL DAP 0635H16**	698	736	14	170	350	20	870	8	532	287	250	51
710x16	**VAL DAP 0715H16**	775	816	14	170	400	20	945	8	1597	457	500	71
800x16	**VAL DAP 0805H16**	861	912	14	170	400	20	1070	8	1597	457	500	81
900x16	**VAL DAP 0905H16**	958	1006	14	170	400	30	1150	10	2175	725	500	102
1007x24	**VAL DAP 1000H24**	1067	1107	14	220	450	30	1250	10	2175	725	500	116
1007x16	**VAL DAP 1000H16**	1067	1107	14	220	450	30	1250	10	2175	725	500	116
1130x24	**VAL DAP 1130H24**	1200	1248	16	220	450	30	1370	10	2175	725	1000	150
1250x24	**VAL DAP 1250H24**	1337	1380	16	220	450	30	1490	12	2175	725	1000	198
1420x32	**VAL DAP 1400H32**	1491	1540	16	260	500	30	1640	12				273
1610x32	**VAL DAP 1600H32**	1663	1730	16	260	500	30	1840	14				332
1810X32	**VAL DAP 1800H32**	1856	1930	16	260	500	30	2000	14				400
2010X32	**VAL DAP 2000H32**	2073	2130	16	260	500	30	2280	14				490

OUTLET FLOW REGULATORS

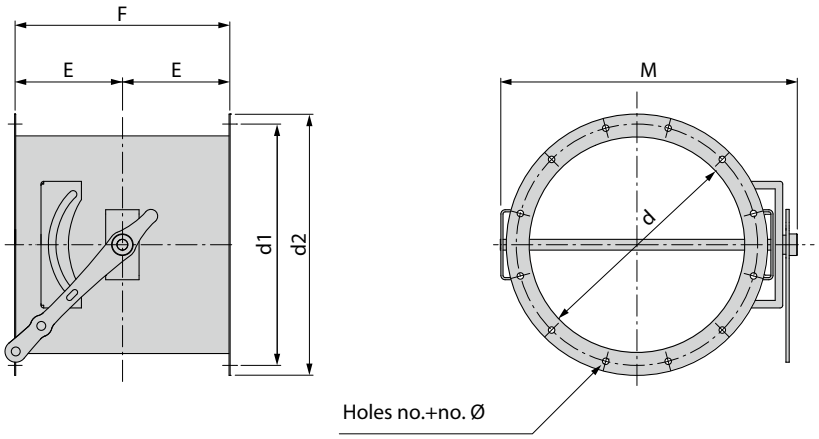
Use: utilised to reduce the flow, especially at the time of fan starting. Opposing vane louvers are available with manual or pneumatic control (on-off), electromechanical control (on-off or step less adjustment) or with a quarter turn actuator, see TAB.17. The table describes the maximum moment of torque at the control lever spindle that can be delivered with standard actuator systems. Standard up to 150°C special hot gases from 150°C up to 300°C. The standard version, "L" (SERML....x....), is manufatured with tefl on bush, the "M" version (SERMM....x....) with bearings.



a x b	CODE	a1	b1	a2	b2	N1 x p	N2 x p	ø	h	Max torque moment Nm with control			Weight
										COMEL	COMPN	COMQG	kg
207x148	**SERML 0207X0148**	241	182	277	218	1x112	1x112	12	220	500	270	150	9
231x166	**SERML 0231X0166**	265	200	301	236	1x112	1x112	12	220	500	270	150	10
258x185	**SERML 0258X0185**	292	219	328	255	1x112	2x112	12	220	500	270	150	11
288x205	**SERML 0288X0205**	332	249	368	285	1x125	2x125	12	220	500	270	150	15
322x229	**SERML 0322X0229**	366	273	402	309	1x125	2x125	12	220	500	270	150	17
361x256	**SERML 0361X0256**	405	300	441	336	1x125	2x125	12	220	500	270	150	19
404x288	**SERML 0404X0288**	448	332	484	368	2x125	3x125	12	220	520	282	250	23
453x322	**SERML 0453X0322**	497	366	533	402	2x125	3x125	12	220	520	282	250	28
507x361	**SERML 0507X0361**	551	405	587	441	2x125	3x125	12	220	520	282	250	30
569x404	**SERML 0569X0404**	629	464	669	504	2x160	3x160	14	220	520	282	250	35
638x453	**SERML 0638X0453**	698	513	738	553	2x160	3x160	14	220	520	282	500	41
715x507	**SERML 0715X0507**	775	567	815	607	2x160	4x160	14	220	1560	447	500	52
801x569	**SERML 0801X0569**	871	639	921	689	2x200	3x200	14	220	1560	447	500	59
898x638	**SERML 0898X0638**	968	708	1018	758	3x200	4x200	14	220	1560	447	500	68
1007x715	**SERML 1007X0715**	1077	785	1127	835	3x200	4x200	14	280	2070	966	500	74
1130x801	**SERML 1130X0801**	1210	881	1270	941	3x200	5x200	18	280	2070	966	500	153
1267x898	**SERML 1267X0898**	1347	978	1407	1038	4x200	6x200	18	280	2070	966	1000	186
1421x1007	**SERML 1421X1007**	1501	1087	1561	1147	4x200	6x200	18	280	2070	966	1000	211
1593x1130	**SERML 1593X1130**	1683	1220	1753	1290	5x200	7x200	22	280	2070	966	1000	247
1786x1267	**SERML 1786X1267**	1876	1357	1946	1427	6x200	8x200	22	310				285
2003x1421	**SERML 2003X1421**	2093	1511	2163	1581	6x200	9x200	22	310				320

9. THROTTLE VALVES

Throttle valves are available with manual or pneumatic control (on-off) and electromechanical control (on-off or stepless adjustment), see TAB. 17. The same options as those available for flow regulators. The table describes the maximum moment of torque at the control level spindle that can be delivered with standard actuator systems.
Throttle valves cannot be used in the presence of pressure higher than 5000 Pa.



d x holes no.	CODE	d1	d2	ø	E	F	M	Max torque moment Nm with control		Weight
								Electromechanical	Pneumatic	kg
185x8	**VAL FAR 0185H8**	219	250	8	90	180	300	532	287	8
205x8	**VAL FAR 0205H8**	241	275	8	100	200	375	532	287	10
228x8	**VAL FAR 0228H8**	265	298	8	112	224	400	532	287	13
255x8	**VAL FAR 0255H8**	292	325	10	125	250	425	532	287	15
285x8	**VAL FAR 0285H8**	332	365	12	140	280	465	532	287	18
315x8	**VAL FAR 0320H8**	366	400	12	157	315	510	532	287	20
355x8	**VAL FAR 0355H8**	405	440	12	177	355	570	532	287	22
400x12	**VAL FAR 0405H12**	448	485	12	200	400	600	532	287	24
400x8	**VAL FAR 0405H8**	448	485	12	200	400	600	532	287	24
455x12	**VAL FAR 0455H12**	497	535	12	225	450	680	532	287	28
455x8	**VAL FAR 0455H8**	497	535	12	225	450	680	532	287	28
500x12	**VAL FAR 0505H12**	551	585	14	250	500	730	532	287	32
500x8	**VAL FAR 0505H8**	551	585	14	250	500	730	532	287	32
560x12	**VAL FAR 0565H12**	629	666	14	280	560	795	532	287	36
560x16	**VAL FAR 0565H16**	629	666	14	280	560	795	532	287	36
635x12	**VAL FAR 0635H12**	698	736	14	315	630	870	532	287	41
635x16	**VAL FAR 0635H16**	698	736	14	315	630	870	532	287	41
710x16	**VAL FAR 0715H16**	775	816	14	355	710	945	1597	457	55
800x16	**VAL FAR 0805H16**	861	912	14	400	800	1070	1597	457	70

STANDARD CONTROLS FOR OPERATION OF VALVES AND DAMPERS

Actuators allocation table for basic operating conditions COMPN 5000 Pa, COMEL and COMQG 10000 Pa

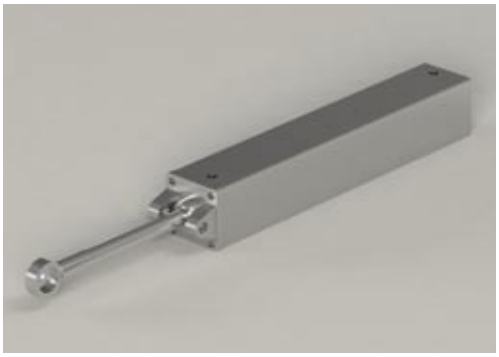
INLET flow regulator	Actuator size	OUTLET flow regulator	Actuator size
SERM 0207x0148	A Corsa 150/QG15	**VAL DAP 0320H8**	A Corsa 300/QG25
SERM 0231x0166	A Corsa 150/QG15	**VAL DAP 0355H8**	A Corsa 300/QG25
SERM 0258x0185	A Corsa 150/QG15	**VAL DAP 0405H8-12**	A Corsa 300/QG25
SERM 0288x0205	A Corsa 150/QG15	**VAL DAP 0455H8-12**	A Corsa 300/QG25
SERM 0322x0229	A Corsa 150/QG15	**VAL DAP 0505H8-12**	A Corsa 300/QG25
SERM 0361x0256	A Corsa 150/QG15	**VAL DAP 0565H12-16**	A Corsa 300/QG25
SERM 0404x0288	A Corsa 150/QG25	**VAL DAP 0635H12-16**	A Corsa 300/QG25
SERM 0453x0322	A Corsa 300/QG25	**VAL DAP 0715H16**	B Corsa 300/QG50
SERM 0507x0361	A Corsa 300/QG25	**VAL DAP 0805H16**	B Corsa 300/QG50
SERM 0569x0404	A Corsa 300/QG25	**VAL DAP 0905H16**	B Corsa 400/QG50
SERM 0638x0453	A Corsa 300/QG25	**VAL DAP 1000H16-24**	B Corsa 400/QG50
SERM 0715x0507	B Corsa 300/QG50	**VAL DAP 1130H24**	B Corsa 400/QG100
SERM 0801x0569	B Corsa 300/QG50	**VAL DAP 1250H24**	B Corsa 400/QG100
SERM 0898x0638	B Corsa 300/QG50	**VAL DAP 1400H32**	*
SERM 1007x0715	B Corsa 400/QG50	**VAL DAP 1600H32**	*
SERM 1130x0801	B Corsa 400/QG50	**VAL DAP 1800H32**	*
SERM 1267x0898	B Corsa 400/QG100	**VAL DAP 2000H32**	*
SERM 1421x1007	B Corsa 400/QG100		
SERM 1593x1130	B Corsa 400/QG100		
SERM 1786x1267	*		
SERM 2003x1421	*		

** In these cases a standard actuator is not specified; instead, the actuator is sized for each individual louver in accordance with the specific application.*

10. ACUATORS

PNEUMATIC ACTUATOR

Applications on fans with maximum pressure of 5000 Pa; above this value non-standard cylinder sizes are required. The supply includes blow-off reducer valves fitted to the cylinders (these valves control cylinder stroke speed by increasing or reducing the airflow rate); the control solenoid valve is an optional accessory. NOT included : the compressed air supply, electrical connections of solenoids and reed switches, low voltage transformers, and air treatment filters. Pneumatic actuators are recommended when the working positions are open or closed and no precise intermediate positions are needed; the use of closed centre solenoid valves makes it possible to arrest movement at intermediate positions between the stroke limits although the exact position is unknown.



Actuator Code	Speed control with flow control valves on the cylinder	Cylinder type	Opening force N (8 bar)	Closing force N (8 bar)	OPTIONAL: 5/3 monostable closed centre solenoid valve mounted to the cylinder including 2 reed switches 24V solenoids	
COMPN A 150	P	ø50 Corsa 150	1350	1150	M	1/8
COMPN A 300	P	ø50 Corsa 300	1350	1150	M	1/8
COMPN B 300	P	ø63 Corsa 300	2150	1950	M	1/8
COMPN B 400	P	ø80 Corsa 400	3500	3200	M	1/4

ELECTROMECHANICAL ACTUATOR

The electromechanical actuator is invaluable when a high degree of positioning precision is required, with the facility for optional position control. Applications on fans with maximum pressure of 10000 Pa; above this value non-standard actuator sizes must be specified. NOT included : motor wiring, microswitches wiring (the limit microswitches on 24V DC versions are wired with LEDs), low voltage transformers.
Construction with Worm gear unit and helical gear wheel or planetary gear, trapezoidal threaded rod, chromed steel guide bar, life lubrication with grease, integral mechanical limit stops - intermittent duty S3 (30% 5 min) - IP65 – working temperature range -10°C to +60°C. Optional equipment: 10 ohm potentiometer and frequency converter which, when connected to the potentiometer and fed with power from the switchboard, generates a 4-20mA signal on a contact.

Actuator Code	Stroke		Supply type	Force N	Speed mm/s	Power Watt	Limit switch	OPTIONAL: integral potentiometer (10kΩ)	Panel mounting converter (excluding 24V supply)
COMEL A	150	A3	400/50 three-phase	2200	10	60	XCF (max 10A)	P Pot.A10KΩ (max 10V)	CONV. 4-20mA
COMEL A	150	A2	220/50 single-phase	2500	5	60	XCF (max 10A)	P Pot.A10KΩ (max 10V)	CONV. 4-20mA
COMEL A	150	DC	24V DC	2500	10	80	XCF (max 10A)	P Pot.A10KΩ (max 10V)	CONV. 4-20mA
COMEL A	300	A3	400/50 three-phase	2200	10	60	XCF (max 10A)	P Pot.A10KΩ (max 10V)	CONV. 4-20mA
COMEL A	300	A2	220/50 single-phase	2500	5	60	XCF (max 10A)	P Pot.A10KΩ (max 10V)	CONV. 4-20mA
COMEL A	300	DC	24V DC	2500	10	80	XCF (max 10A)	P Pot.A10KΩ (max 10V)	CONV. 4-20mA
COMEL B	300	A3	400/50 three-phase	7500	10	370	XGG (max 16A)	P Pot.B10KΩ (max50V)	CONV. 4-20mA
COMEL B	300	A2	220/50 single-phase	4800	10	370	XGG (max 16A)	P Pot.B10KΩ (max50V)	CONV. 4-20mA
COMEL B	400	A3	400/50 three-phase	7500	10	370	XGG (max 16A)	P Pot.B10KΩ (max50V)	CONV. 4-20mA
COMEL B	400	A2	220/50 single-phase	4800	10	370	XGG (max 16A)	P Pot.B10KΩ (max50V)	CONV. 4-20mA

QUARTER-TURN ACTUATOR COMMAND

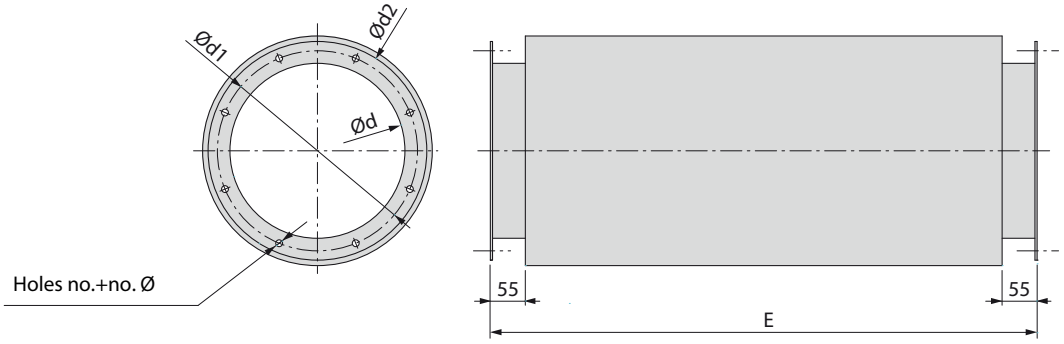
The command with quarter-turn actuator is the most comprehensive operating system fitted to valves and regulataors ; the device is keyed directly to the control rod and connected to the damper with an ISO coupling. This system is particularly suitable for control and modulation in S4 duty conditions (50%-1200 starts per hour) and it features IP67 protection and class F tropicalized insulation. The standard version of the actuator incorporates an anticondensation heater, thermal sensors, 2 mechanical limitswitches and 2 adjustable limitswitches, a hand wheel for manual movement with the actuator inoperative, a mechanical position indicator, and a 4-20 mA position signal transmitter. An electronic control box that can be mounted directly to the actuator can be supplied as an optional accessory : the control box must be connected to a 400V 3-phase power supply and it replaces the actuator control panel; the box is equipped with a local pad lockable selector, with local open, close and stop controls, and a selector for local/remote mode operation, facility for 4 output signals, 24V electromechanical remote control reverser, fault relay, fuses and error indicator LEDs. On request, these servomotors can be supplied also in the ATEX version or with special voltage inputs. The user must fit suitable guards to ensure that the actuator is not exposed directly to the weather and that its moving parts cannot be accessed by persons.

Actuator Code	Supply type	Torque Nm	Speed mm/s	Flange ISO	Micron	Integral potentiometer signal output	Operation & protection	OPTIONAL Electronic control box
COMQG015	400/50 three fase	150	21	F05-F07	2 fixed limitswitches + 2 adjustable limitswitches	4-20mA	S4 (1200 avv./h) IP67 classe F -20°÷ +70°C	**COMQGBOX**
COMQG025	400/50 three fase	250	60	F07-F10	*2 fixed limitswitches + 2 adjustable limitswitches*	4-20mA	S4 (1200 avv./h) IP67 classe F -20°÷ +70°C	**COMQGBOX**
COMQG050	400/50 three fase	500	30	F07-F10	*2 fixed limitswitches + 2 adjustable limitswitches*	4-20mA	S4 (1200 avv./h) IP67 classe F -20°÷ +70°C	**COMQGBOX**
COMQG100	400/50 three fase	1000	60	F12	*2 fixed limitswitches + 2 adjustable limitswitches*	4-20mA	S4 (1200 avv./h) IP67 classe F -20°÷ +70°C	**COMQGBOX**

11. SILENCERS

INLET SILENCERS

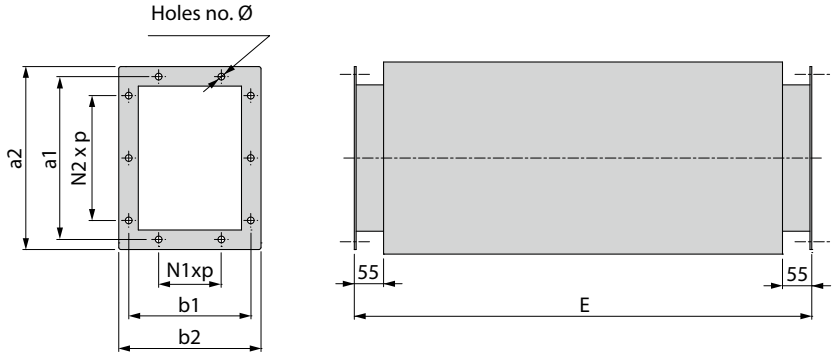
Inlet silencers are utilised to reduce the noise caused by the ingress of fluid into the fan. Sound insulation is achieved by applying a 50 mm thick layer of mineral wool.



d x holes no.	CODE	d1	d2	ø	E
130x4	**SILC 0130 H120N**	150	170	8	1110
145x8	**SILC 0145 H120N**	182	215	8	1110
165x8	**SILC 0165 H120N**	200	235	8	1110
185x8	**SILC 0185 H120N**	219	250	8	1110
205x8	**SILC 0205 H120N**	241	275	8	1110
228x8	**SILC 0228 H120N**	265	298	8	1110
255x8	**SILC 0255 H120N**	292	325	10	1110
285x8	**SILC 0285 H120N**	332	365	12	1110
315x8	**SILC 0315 H120N**	366	400	12	1110
355x8	**SILC 0355 H120N**	405	440	12	1110
400x12	**SILC 0400 H120N**	448	485	12	1110
400x8	**SILC 0400 H120N**	448	485	12	1110
455x12	**SILC 0455 H120N**	497	535	12	1110
455x8	**SILC 0455 H120N**	497	535	12	1110
500x12	**SILC 0500 H120N**	551	585	14	1110
500x8	**SILC 0500 H120N**	551	585	14	1110
560x12	**SILC 0560 H120N**	629	665	14	1110
560x16	**SILC 0560 H120N**	629	665	14	1110
635x12	**SILC 0635 H120N**	698	735	14	1110
635x16	**SILC 0635 H120N**	698	735	14	1110
710x16	**SILC 0710 H120N**	775	815	14	1110
800x16	**SILC 0800 H120N**	861	905	14	1110
900x16	**SILC 0900 H120N**	958	1005	14	1110

OUTLET SILENCERS

Outlet silencers are utilised to reduce the noise caused by the egress of fluid from the fan. Sound insulation is achieved by applying a 50 mm thick layer of mineral wool.



a x b	CODE	a1	b1	a2	b2	N1 x p	N2 x p	n°	ø	E
124x103	**SILQ 0103 FN**	145	125	164	143	-	-	4	8	1110
207x148	**SILQ 0148 FN**	241	182	277	218	1x112	1x112	8	12	1110
231x166	**SILQ 0166 FN**	265	200	301	236	1x112	1x112	8	12	1110
258x185	**SILQ 0185 FN**	292	219	328	255	1x112	2x112	10	12	1110
288x205	**SILQ 0205 FN**	332	249	368	285	1x125	2x125	10	12	1110
322x229	**SILQ 0229 FN**	366	273	402	309	1x125	2x125	10	12	1110
361x256	**SILQ 0256 FN**	405	300	441	336	1x125	2x125	10	12	1110
404x288	**SILQ 0288 FN**	448	332	484	368	2x125	3x125	14	12	1110
453x322	**SILQ 0322 FN**	497	366	533	402	2x125	3x125	14	12	1110
507x361	**SILQ 0361 FN**	551	405	587	441	2x125	3x125	14	12	1110
569x404	**SILQ 0404 FN**	629	464	669	504	2x160	3x160	14	14	1110
638x453	**SILQ 0453 FN**	698	513	738	553	2x160	3x160	14	14	1110
715x507	**SILQ 0507 FN**	775	567	815	607	2x160	4x160	16	14	1110
801x569	**SILQ 0569 FN**	871	639	921	689	2x200	3x200	14	14	1110

12. DRAIN PLUGS

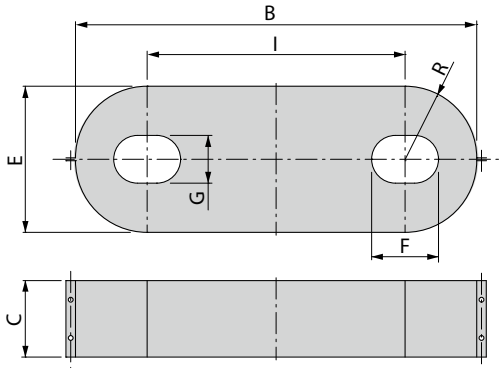
Use: drain plugs are located at the bottom of the fan housing and they allow it to be emptied if necessary. Drain plugs are composed of a female connection mounted to the fan housing and a male plug screwed to it.

Low/medium pressure fans		High pressure fans	
Fan size	Plug	Fan size	Plug
until 630	1/2" *	**until 800**	1/2"
from 710 until 1250	1"	**from 900 until 1600**	1"
from 1400 until 2000	2"	**from 1800 until 2000**	2"

** For RL-CA-RH 710 and RL-CA-RH 800 with spot welded fan housing, use the 1/2" plug.*

13. BELT GUARDS

These guards are essential in the presence of belt drive transmissions, because the existing moving parts constitute a potential source of danger for persons. The guards must be chosen in accordance with C/C distance "I" between drive shaft and driven shaft. The size of the guards depends on the size of the motor, the size of the fan, the rotation and construction arrangement, so information must be requested time-by-time directly at the order.



CODE	I	B	C	E	F	G	R
CT 0270	270	420	80	150	70	50	75
CT 0310	310	460	80	150	70	50	75
CT 0350	350	530	83	180	80	55	90
CT 0350L *	350	600	123	250	100	70	125
CT 0400	400	650	123	250	100	55	125
CT 0450	450	700	140	300	125	70	125
CT 0500	500	750	140	300	150	70	125
CT 0600	600	900	143	300	150	100	150
CT 0700	700	1100	160	400	150	100	200
CT 0800	800	1200	160	450	200	100	200
CT 0900	900	1300	160	450	200	110	200
CT 1000	1000	1400	160	450	200	120	200
CT 1100	1100	1500	160	450	200	120	200
CT 1100L *	1100	1700	240	605	200	120	300
CT 1250	1250	1650	200	450	200	120	200
CT 1250L *	1250	1850	300	605	200	120	300
CT 1350	1350	1800	200	500	200	120	225
CT 1350L *	1350	1950	300	600	200	120	293
CT 1500	1500	1950	200	500	200	120	225
CT 1500L *	1500	2100	300	605	200	120	300
CT 1650	1650	2250	244	605	200	120	300
CT 1800	1800	2400	244	605	200	120	300
CT 1800L *	1800	2400	300	705	300	140	350
CT 2000	2000	2600	300	605	200	140	300
CT 2000L *	2000	2700	350	705	300	140	350
CT 2250	2250	2950	350	705	300	160	350
CT 2600	2600	3300	350	705	300	160	350

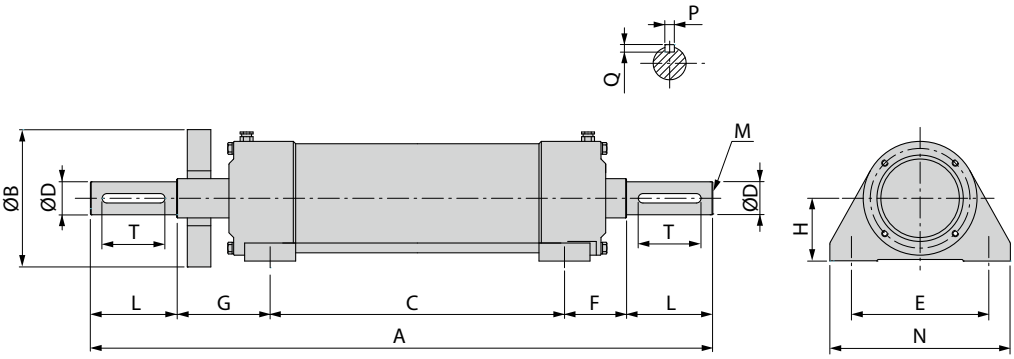
** Special version*

14. MONOBLOCS

These components are utilised in transmission fans and they contain two selected bearings to ensure a minimum working life of 20,000 hours. There are two versions: one standard and one with a cooling impeller for handling hot gas.

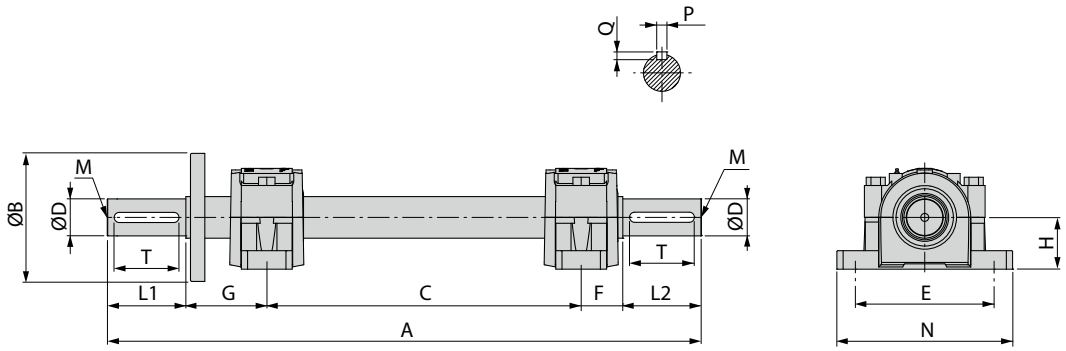
SIZE	TYPE																	
	CA	RH	RL	RLD	RM	GF	GR	ZA	ZB	ZC	ZD	ZM	VC	VG	VI	VP	VM	VA
180	MZ35																	
200	MZ35																	
220	MZ35				MZ35							MZ35						
250	MZ35		MZ35		MZ35	MZ35						MZ35						
280	MZ62		MZ62		MZ62	MZ62						MZ62						
310	MZ62		MZ62		MZ62	MZ62						MZ62						MZ35
350	MZ80		MZ80		MZ80	MZ80						MZ80					MZ62	MZ35
400	MZ90	MZ90	MZ90	SY209	MZ90	MZ90	MZ90	MZ62	MZ80	MZ90		MZ90	MZ62		MZ80	MZ62	MZ80	MZ35
450	MZ90	MZ90	MZ90	SY210	MZ90	MZ90	MZ90	MZ62	MZ90	MZ90		MZ90	MZ62	MZ90	MZ90	MZ62	MZ90	MZ35
500	MZ100	MZ100	MZ100	SY211	MZ100	MZ100	MZ100	MZ80	MZ90	MZ100		MZ100	MZ80	MZ90	MZ90	MZ80	MZ90	MZ35
560	MZ110	MZ110	MZ110	SY211	MZ110	MZ110	MZ110	MZ80	MZ100	MZ110	MZ100	MZ110	MZ80	MZ100	MZ100	MZ80	MZ100	MZ62
630	MZ110	MZ110	MZ110	SY213	MZ110	MZ110	MZ110	MZ90	MZ110	MZ110	MZ110	MZ110	MZ90	MZ110	MZ110	MZ90	MZ110	MZ62
710	MZ120	MZ120	MZ120	SY215	MZ120	MZ120	MZ120	MZ100	MZ120	MZ120	MZ120	MZ120	MZ100	MZ120	MZ120	MZ100	MZ120	MZ80
800	MZ130	MZ130	MZ130	SY216	MZ130	MZ130	MZ130	MZ100	MZ130	MZ130	MZ130	MZ130	MZ100	MZ130	MZ130	MZ100	MZ130	MZ80
900	MZ130	MZ130	MZ130	SN516	MZ130	MZ130	MZ130	MZ110	MZ150	MZ130	MZ150	MZ130	MZ110	MZ150	MZ150	MZ110	MZ150	MZ90
1000	MZ150	MZ150	MZ150	SN518	MZ150	MZ150	MZ150	MZ120	MZ170 SN518	MZ150	MZ170 SN518	MZ150	MZ120	MZ170 SN518	MZ170 SN518	MZ120	MZ170 SN518	MZ100
1120		MZ170 SN518	MZ170 SN518	SN518	MZ170 SN518	MZ170 SN518	MZ170 SN518			MZ170 SN518		MZ170 SN518	MZ130	MZ170 SN518	MZ170 SN518	MZ130	MZ170 SN518	
1250		MZ170 SN518	MZ170 SN518	SN520	MZ170 SN518	MZ170 SN518	MZ170 SN518			MZ170 SN518		MZ170 SN518	MZ150	MZ170 SN518	MZ170 SN518	MZ150	MZ170 SN518	
1400		MZ190 SN520	MZ190 SN520	SN520	MZ190 SN520	MZ190 SN520	MZ190 SN520								MZ190 SN520	MZ170 SN518	MZ190 SN520	
1600		MZ215 SN522	MZ215 SN522	SN522	MZ215 SN522	MZ215 SN522	MZ215 SN522								MZ215 SN522	MZ170 SN518	MZ215 SN522	
1800		SN524	SN524	SN524	SN524	SN524	SN524								SN524		SN524	
2000		SN524	SN524	SN526	SN524	SN524	SN524								SN524		SN524	

CENTRIFUGAL FANS - ACCESSORIES



CODE	A	B	C	D	E	F	G	H	L	M	N	PxQ	T	Weight kg
MZ 35	368	85	149	19	127	37	102	47,5	40	6	168	6x6	35	8
MZ 62	462	120	205	24	125	58.5	98.5	55	50	8	160	8x7	40	10
MZ 80	618	150	308	28	155	75	115	70	60	10	200	8x7	50	24
MZ 90	658	150	308	38	155	75	115	70	80	12	200	10x8	60	25
MZ 100	793	200	375	42	175	79	119	80	110	16	230	12x8	80	41
MZ 110	793	200	375	48	175	79	119	80	110	16	230	14x9	80	42
MZ 120	883	250	420	48	200	91.5	151.5	95	110	16	260	14x9	90	63
MZ 130	883	250	420	55	200	91.5	151.5	95	110	20	260	16x10	90	64
MZ 150	1034	250	470	65	210	112	172	105	140	20	290	18x11	120	99
MZ 170	1180	270	647	75	290	85	168	100	140	20	345	20x12	120	125
MZ 190	1285	280	680	80	320	90	175	112	170	20	380	22x14	140	160
MZ 215	1500	300	825	90	350	108	187	125	170[1] 210	20	410	25x14	140[1] / 180	235

[1] *Impeller side*



CODE	A	B	C	D	E	F	G	H	L1	L2	M	N	PxQ	T	Weight kg
SN 518	1180	270	650	75	290	83	167	100	140	140	20	345	20x12	120	81
SN 520	1285	280	680	80	320	90	175	112	170	170	20	380	22x14	140	123
SN 522	1500	300	825	90	350	108	187	125	170	210	20	410	25x14	140	155
SN 524	1555	330	829	100	350	110	195	140	210	210	30	410	28x16	190	220

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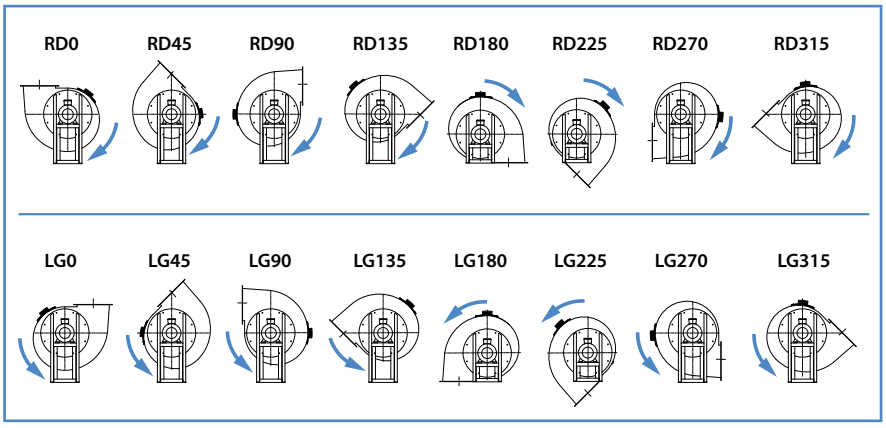
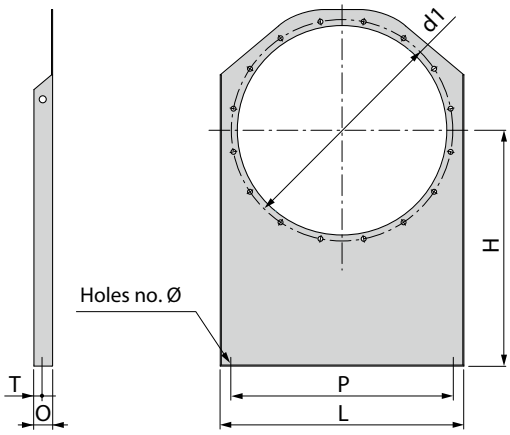
15. FRONT SUPPORT

FOR MEDIUM AND LOW PRESSURE FANS

For uninsulated GF, GR, RH, RM, RU, ZC, ZM, RL and CA.
Use : ensure optimal fixing of the fan, preventing overturning and aiding rational weight distribution. In sizes 560÷2000 the fan comes already equipped with a support. The four digits of the code in the first column of the table describe the size of the fan to which the support is to be fitted. The selection H, H1 and H2 depends on the handing of the fan.
For rotations RD-LG180, the measurements must be requested directly at the order.





CODE	d1	H	H1	H2	L	O	P	T	ø	n
SUP 0180	219	245	145	245	254	25	210	10	8.5	2
SUP 0200	241	265	165	265	290	25	250	10	8.5	2
SUP 0220	265	255*	165*	255*	309	30	250	12.5	10.5	2
SUP 0250	292	315	195	315	339	30	280	12.5	10.5	2
SUP 0280	332	375	200	375	375	35	315	15	12.5	2
SUP 0310	366	400	225	400	418	35	350	15	12.5	2
SUP 0350	405	450	255	450	462	43	395	18	14	2
SUP 0400	448	500	285	500	511	53	445	23	16	2
SUP 0450	497	560	320	560	561	53	495	23	16	2
SUP 0500	551	600	360	600	611	53	545	23	16	2
SUP 0560	629	670	400	670	692	53	632	23	16	2
SUP 0630	698	750	450	750	762	53	702	23	16	2
SUP 0710 **	775	850	500	850	834	63	772	33	19	2
SUP 0800 **	861	950	560	950	934	63	862	30	19	2

*For rotations RD/LG180-225, the shaft height is **H1**, so add suffix H1 to the support code as indicated SUPXXXXH1.*

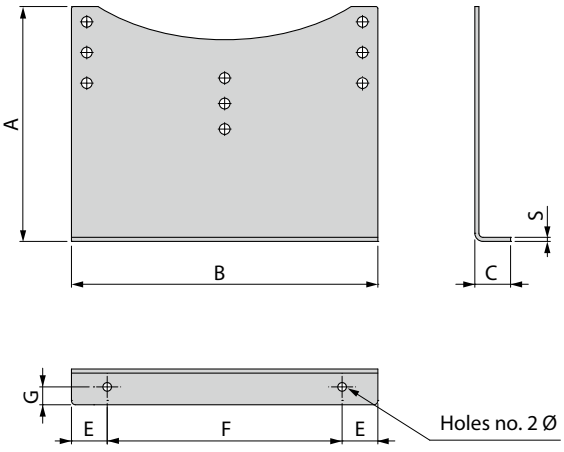
** For CA220 H=300; H1=180; H2=300*

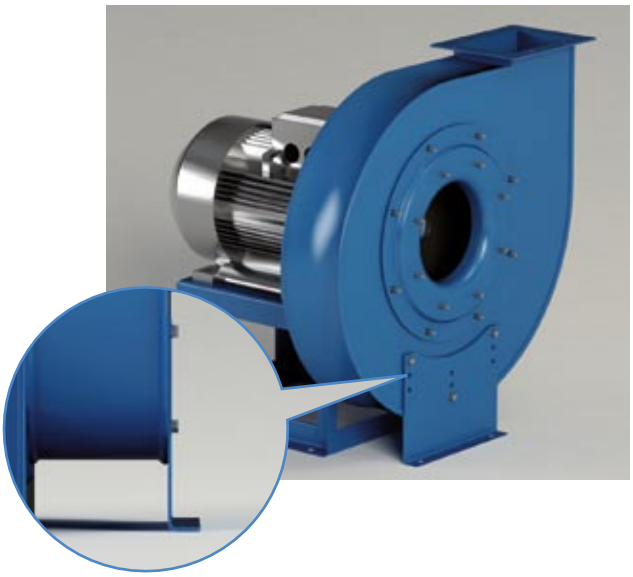
*** Only for RL and CA*

CENTRIFUGAL FANS - ACCESSORIES

FOR HIGH PRESSURE FANS

For VC, VG, VI, VM, VP, ZA, ZB and ZD.
Use : these supports are used to limit the risk of overturning fans that are not equipped with a front support and also to facilitate correct weight distribution.





CODE	A	B	C	ø	E	F	G	S	Size of front support
SOS0350	200	250	30	8,5	30	190	15	3	
SOS0400	195	275	30	8,5	30	215	15	3	400
SOS0450	205	285	35	8,5	35	215	17,5	4	450
SOS0500	230	300	35	8,5	35	230	17,5	4	500
SOS0560	195	325	40	10,5	40	245	20	4	560
SOS0630	220	350	40	10,5	40	270	20	4	630

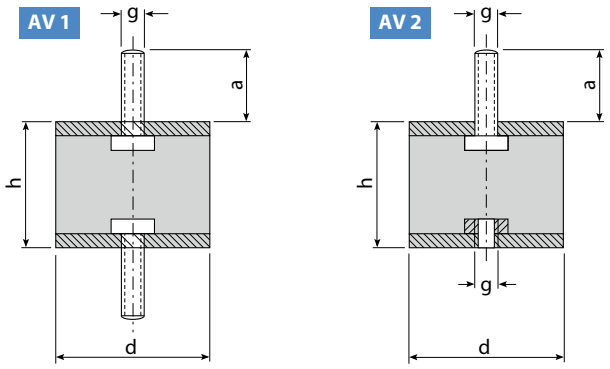
Support orientation	VC-ZA-VP	VM-VI-VG-ZB-ZD	VC-ZA-VP	VM-VI-VG-ZB-ZD	VC-ZA-VP	VM-VI-VG-ZB-ZD	VC-ZA-VP	VI-VG-VM-ZB-ZD	VC-ZA-VP	VM-VI-VG-ZB-ZD	VC-ZA-VP	VM-VI-VG-ZB-ZD
	SOS0350		SOS0400		SOS0450		SOS0500		SOS0560		SOS0630	
RD/LG0		•	•	•	•	•	•	•	•	•	•	•
RD/LG45		•	•	•	•	•	• (no ZA)	•				
RD/LG90		•	•	•	•	•	•	•	•	•	•	•
RD/LG135		•	•	•	•	•	•	•	•	•		
RD/LG180			•		•		•		•		•	
RD/LG225	/	/	/	/	/	/	/	/	/	/	/	/
RD/LG270		•	•	•	•	•	•	•	•	•	•	•
RD/LG315		•	•	•	•	•	•	•				

Do not apply *in rotations* ***RD/LG 225****. The fan cases are not prearranged with openings and inserts for SOS...., the application of the insert is envisaged in the assembly stage.*

16. SILENT BLOCKS

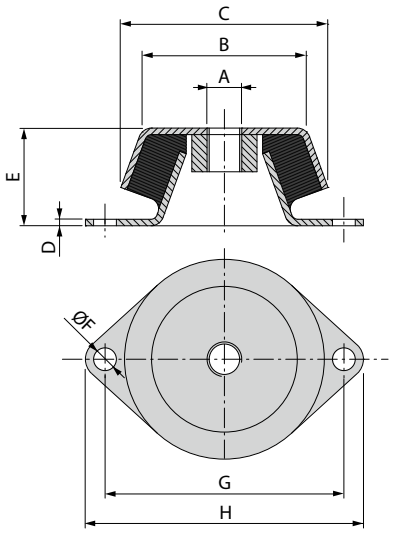
Use : silent blocks are designed to cushion the loads that the fan transmits to the ground and to prevent the propagation of vibration towards the fan chassis : to ensure the fan is stable, the “front support” (TAB.22) or the “front brackets” (TAB.23) must be simultaneously present: these features limit tensile stresses in the rear mounts. In any event, the minimum number of mounts required is 4.
Male/female or male/male cylinder composed of a part in NR/SBR rubber, a galvanized washer, a galvanized screw and a blank female insert for the male/female cylinder or another galvanized screw for the male/male cylinder.

Standard support AV



Code	d	h	g	a	Max load daN Compr.	Lateral force
AV 1-25	25	30	6M	18	30	3
AV 1-40	40	30	8M	23	98	15
AV 2-25	25	30	6M	18	30	3
AV 2-40	40	30	8M	23	98	15

@cjj qsnnmpr am k nmqcb md _ l cjc k c l r g l LP-Q@P ps` `cp* _ k cr_j cjc k c l r g l e_jt_ l gxcb qrccj* _ l b _ ucjbcb l sr,



CODE	A	B	C	D	E	øF	G	H	Compr. max. load daN	Deflection mm
AVC 60	K/.	3.	40	0	1.	6,3	63	/..	0/2	1,44
AVC 90	K/4	50	70	1	22	/.,3	//.	/1.	121	1,.0
AVC 120	K/4	73	//7	2	26	/4,3	/4.	/7.	42/	1,5/

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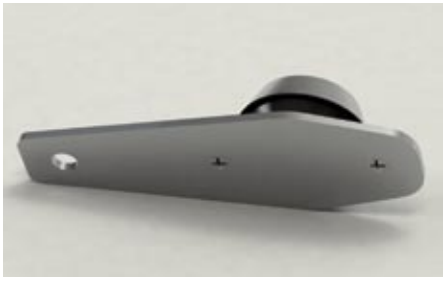
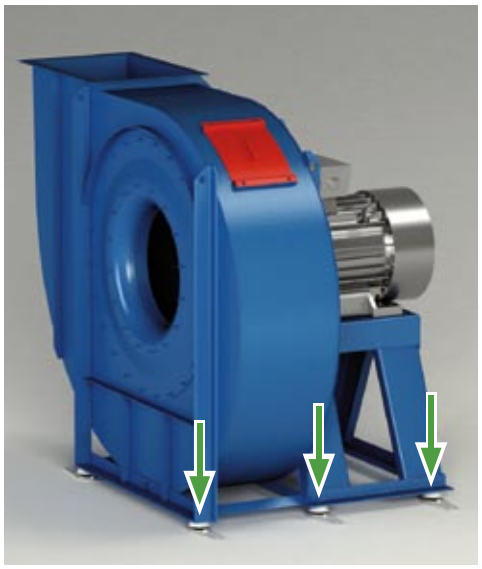
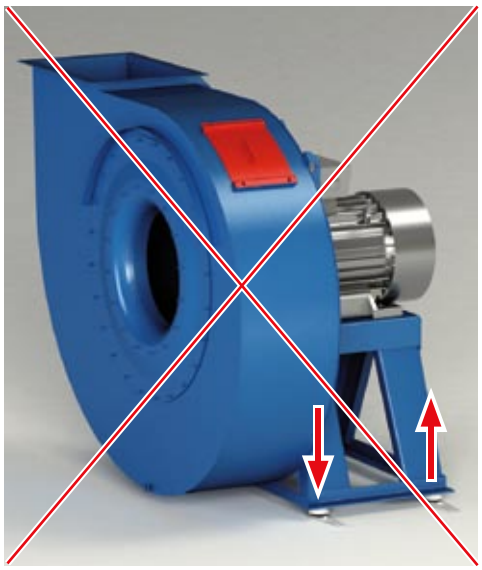
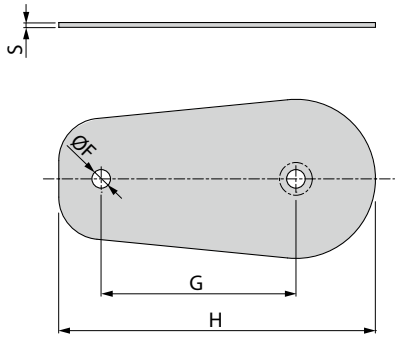
SILENT BLOCKS FIXING PLATE

For correct assembly of the silent blocks, the fan must be equipped with the front support (see TAB.23) when this is not supplied as standard, to prevent the situation wherein certain mounts are functioning in traction conditions.

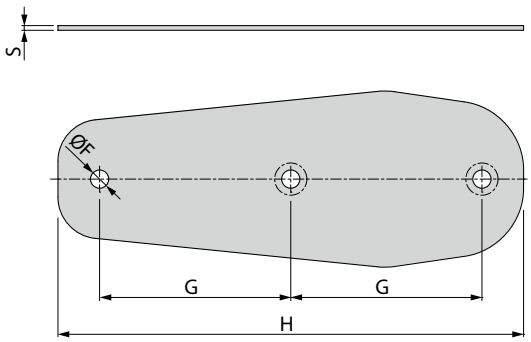








CODE	ØF	G	H	S
PAV 2-25	8	40	80	6
PAV 2-40	10	60	120	6



CODE	ØF	G	H	S
PAVC 60	12.5	85	220	8
PAVC 90	18.5	110	280	8
PAVC 120	18.5	160	400	10

CENTRIFUGAL FANS - ACCESSORIES

No. and type of silent blocks to be used depending on the fan

The position and number of the silent blocks may be inadequate in the presence of particularly heavy motors cantilevered to the chassis, or it may be excessive in the case of very small motors (especially for Arrangement 9). The data given in table above concern an approximate estimate that covers the majority of cases. At times however, depending mainly on the weight of the fan and the chassis that supports it, it is necessary to evaluate the opportunity of using a different type and/or number of silent blocks with respect to the data given in the table. Chassis normally have a higher number of holes than those required for the recommended mounts.

SIZE	TYPE										
	RM - RL - RH - GR - GF - CA - ZM - ZC				VM - ZB - VI - VG				VP - ZA - VC - VA		
	ES. 4	ES. 8	ES. 9	ES. 12	ES. 4	ES. 8	ES. 9	ES. 12	ES. 4	ES. 9	ES. 12
200	N°4 AV2-25		N°4 AV2-25	N°6 AV2-25	-		-	-	-	-	-
220	N°4 AV2-25		N°4 AV2-25	N°6 AV2-25	-		-	-	-	-	-
250	N°4 AV2-25		N°4 AV2-25	N°6 AV2-25	-		-	-	-	-	-
280	N°4 AV2-25		N°4 AV2-25	N°6 AV2-25	-		-	-	-	-	-
310	N°4 AV2-25		N°4 AV2-25	N°6 AV2-25	-		-	-	N°4 AV2-25	N°4 AV2-25	N°6 AV2-25
350	N°4 AV2-25		N°6 AV2-25	N°6 AV2-25	N°4 AV2-25		N°4 AV2-25	N°4 AV2-25	N°4 AV2-25	N°4 AV2-25	N°6 AV2-25
400	N°4 AV2-40	N°6 AV2-40	N°6 AV2-40	N°6 AV2-40	N°4 AV2-25	N°6 AV2-25	N°6 AV2-25	N°6 AV2-25	N°4 AV2-25	N°6 AV2-25	N°6 AV2-25
450	N°4 AV2-40	N°6 AV2-40	N°6 AV2-40	N°6 AV2-40	N°4 AV2-40	N°6 AV2-40	N°6 AV2-40	N°6 AV2-40	N°4 AV2-25	N°6 AV2-25	N°6 AV2-25
500	N°4 AV2-40	N°6 AV2-40	N°6 AV2-40	N°6 AV2-40	N°4 AV2-40	N°6 AV2-40	N°6 AV2-40	N°6 AV2-40	N°4 AV2-40	N°6 AV2-40	N°6 AV2-40
560	N°4 AVC-60	N°8 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AV2-40	N°8 AV2-40	N°6 AV2-40	N°6 AV2-40	N°4 AV2-40	N°6 AV2-40	N°6 AV2-40
630	N°6 AVC-60	N°8 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AV2-40	N°8 AV2-40	N°6 AV2-40	N°6 AV2-40	N°6 AV2-40	N°6 AV2-40	N°6 AV2-40
710	N°6 AVC-60	N°8 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-60	N°8 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-60
800	N°6 AVC-60	N°8 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-60	N°8 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-60
900	N°6 AVC-60	N°8 AVC-60	N°6 AVC-60	N°6 AVC-60	N°6 AVC-90	N°8 AVC-90	N°6 AVC-90	N°6 AVC-90	N°6 AVC-60	-	N°6 AVC-60
1000	N°6 AVC-90	N°10 AVC-90	N°6 AVC-90	N°8 AVC-90	N°6 AVC-90	N°8 AVC-90	N°8 AVC-90	N°6 AVC-90	N°6 AVC-90	-	N°6 AVC-90
1120	N°6 AVC-90	N°10 AVC-90	N°6 AVC-90	N°8 AVC-90	-	N°8 AVC-90	-	N°6 AVC-90	N°6 AVC-90	-	N°6 AVC-90
1250	N°6 AVC-120	N°10 AVC-120	N°6 AVC-120	N°8 AVC-120	-	N°10 AVC-90	-	N°8 AVC-90	-	-	N°8 AVC-90
1400	N°6 AVC-120	N°12 AVC-120	N°6 AVC-120	N°8 AVC-120	-	N°10 AVC-120	-	N°8 AVC-120	-	-	N°8 AVC-90
1600	-	N°12 AVC-120	N°8 AVC-120	N°8 AVC-120	-	N°10 AVC-120	-	N°8 AVC-120	-	-	N°8 AVC-120
1800	-	N°14 AVC-120		N°12 AVC-120	-	N°12 AVC-120	-	N°12 AVC-120	-	-	-
2000	-	N°16 AVC-120		N°12 AVC-120	-	N°14 AVC-120	-	N°12 AVC-120	-	-	-