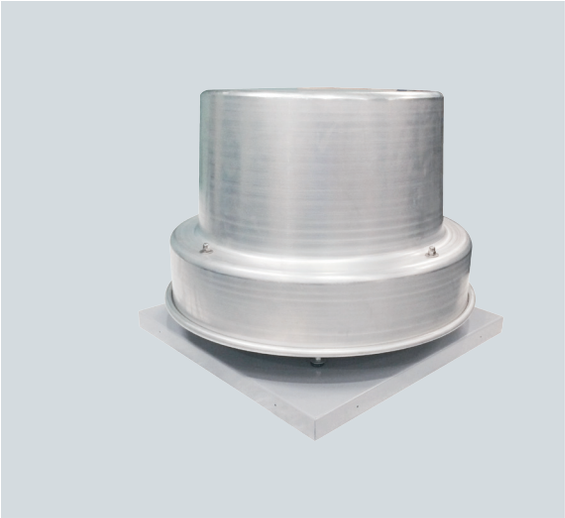
>FCS

Roof Exhaust Downblast



GENERAL DESCRIPTION

FCS -D (Direct drive) & FCS -B (Belt drive) fans are ideal for general purpose exhaust applications including: bathrooms, garages, general kitchen areas, offices, churches, dormitories, factories, large warehouses and other relatively clean air applications. They feature a weather-resistant, seamless spun aluminum housing which works in conjunction with a patented wheel design and deeply spun inlets to provide smooth quiet air flow through the ventilator. The centrifugal wheels are aluminum, non overloading, backward inclined, robotically welded, and dynamically balanced.

CONSTRUCTION (DIRECT DRIVE)

- Base frame in sheet steel (Hot Dip galvanized).
- Backward curved wheel in aluminium.
- Upper cover in 16 gauge marine alloy aluminium.
- Motor: ODP Motor shall be NEMA design B with a minimum of class F Insulation.

CONSTRUCTION (BELT DRIVE)

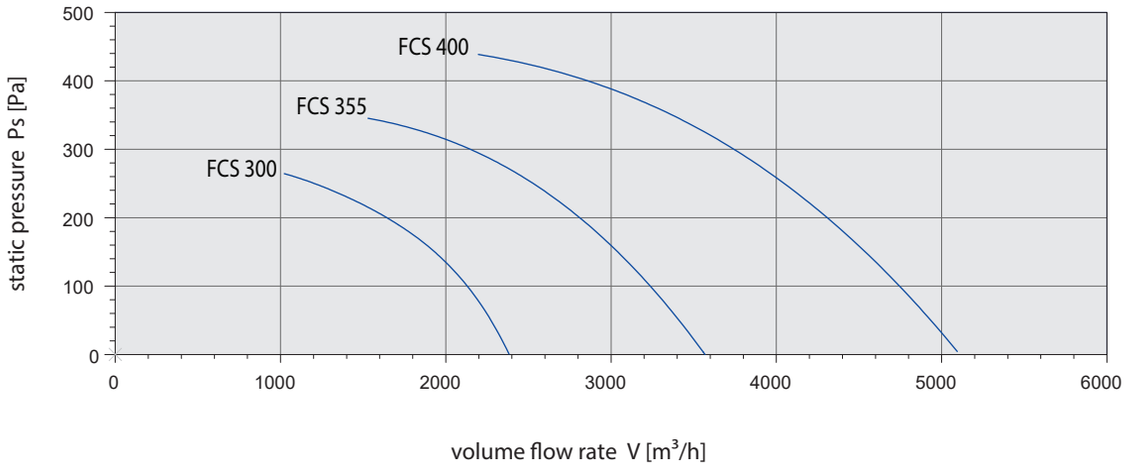
- Base frame in sheet steel (Hot Dip galvanized).
- Backward curved wheel in aluminium.
- Upper cover in 16 gauge marine alloy aluminium.
- Motor: Asynchronous three-phase TEFC motor manufactured according to international standards IEC 600034, IEC 60072, EMC 2014/30/UE, LVD 2014/35/UE, CE marked, IP 55, class F.
- Belts and Drives: Belts shall be oil and heat resistant. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts.
- Self-Aligning Bearings: Heavy-duty bearings are sized for a minimum L50 life in excess of 200,000 hours of operation. 100% factory tested, they are designed for air handling applica tions.

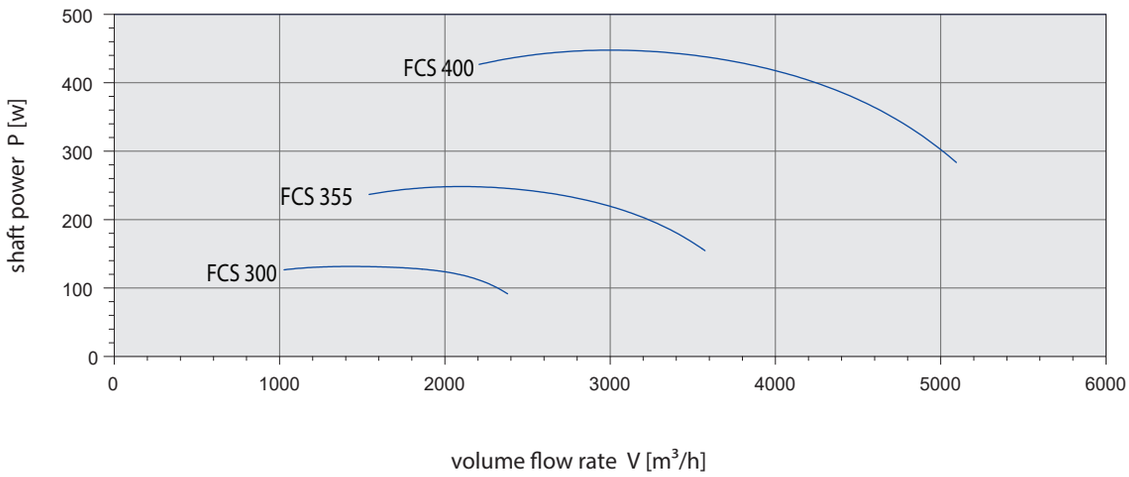
ACCESSORIES (UPON REQUEST)

- Gravity back-draft damper
- Rubber mount (Belt Drive)
- On/Off Switch
- Liquidtight Conduit

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300
Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

DIRECT DRIVE 4 POLE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
MODEL	63	125	250	500	1000	2000	4000	8000	Total	Lp A(dB (A)) @3m
FCS 300	79.6	67.9	69	75.7	71.1	70.1	70.5	70.2	83	58
FCS 355	67.4	65.9	76.3	76.8	76.5	73	79.4	65	84	63
FCS 400	71	69.5	80	80.1	80.1	76.6	83	68.6	88	66

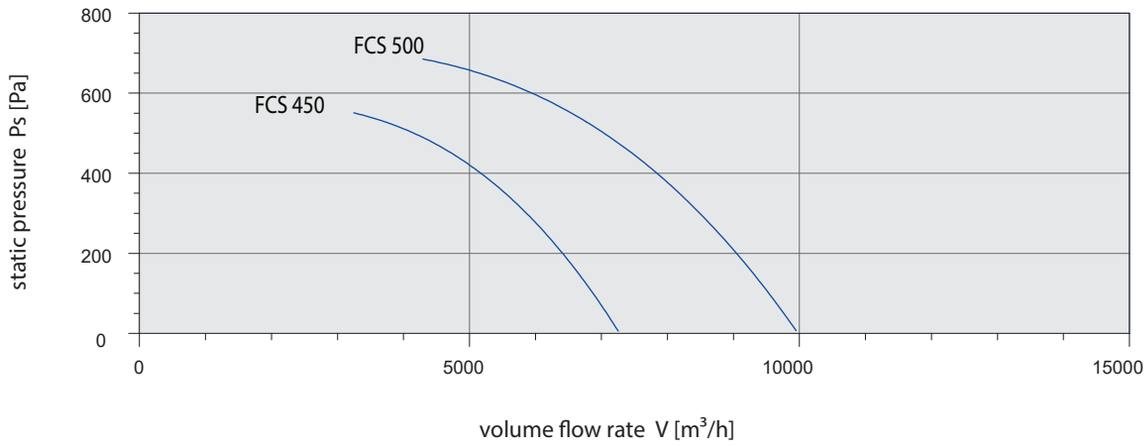
Technical data

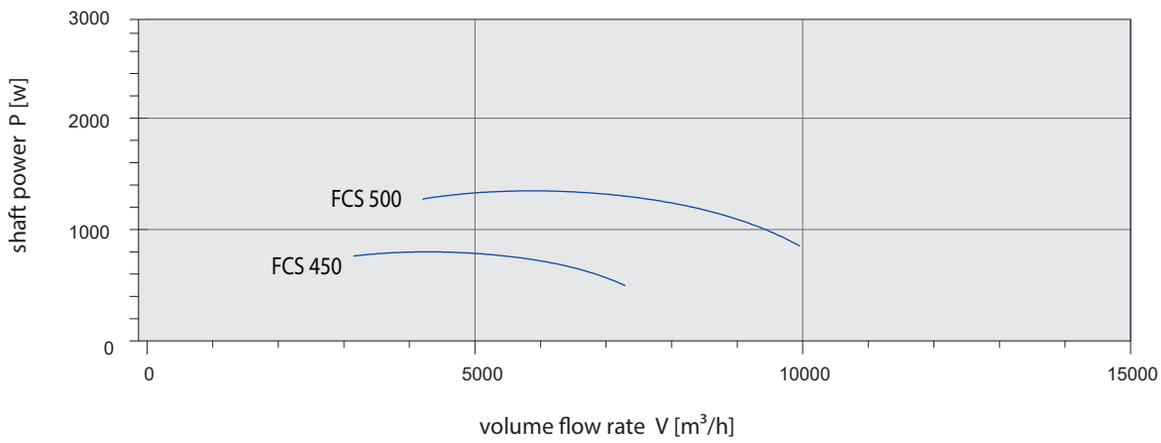
4 Pole -50 Hz						
MODEL	Q (CMH)	Type of motor	Max power (watts)	A(amp)	V/P/Hz	IP/CL
FCS 300	2400	ODP	180	6	240/1/50	IP21/F
FCS 355	3600	ODP	370	7.2	240/1/50	IP21/F
FCS 400	5100	ODP	550	8	240/1/50	IP21/F

Above motor data subject to change after performance
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300
Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

DIRECT DRIVE 4 POLE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
MODEL	63	125	250	500	1000	2000	4000	8000	Total	Lp A(dB (A)) @3m
FCS 450	74.5	73.1	83.5	83.9	83.6	80.2	86.6	72.1	91	70
FCS 500	77.8	76.3	86.7	87.2	86.9	83.4	89.8	75.4	94	73

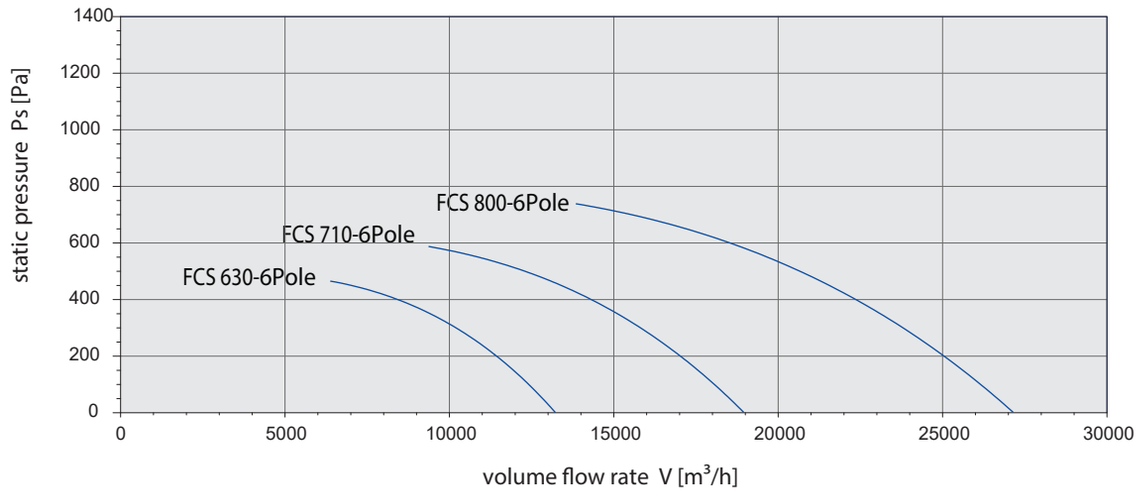
Technical data

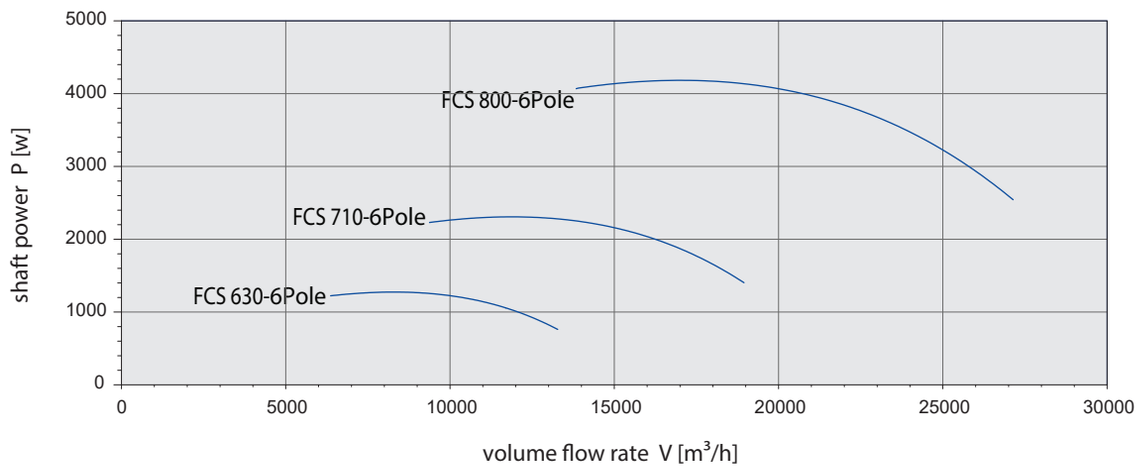
4 Pole -50 Hz						
MODEL	Q (CMH)	Type of motor	Max power (watts)	A(amp)	V/P/Hz	IP/CL
FCS 450	7200	ODP	1100	8.3	240/1/50	IP21/F
FCS 500	10000	ODP	2200	4.4	240/1/50	IP21/F

Above motor data subject to change after performance
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300
Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

DIRECT DRIVE 6 POLE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
MODEL	63	125	250	500	1000	2000	4000	8000	Total	Lp A(dB (A)) @3m
FCS 630-6 Pole	85.4	93.9	89.3	85.3	79.5	75.7	70.1	63.9	96	67
FCS 710-6 Pole	89.5	96.6	92.5	88.9	83.4	79.5	73.8	67.4	99	70
FCS 800-6 Pole	93.4	99.7	95.9	92.4	87.2	83.2	77.5	71	103	74

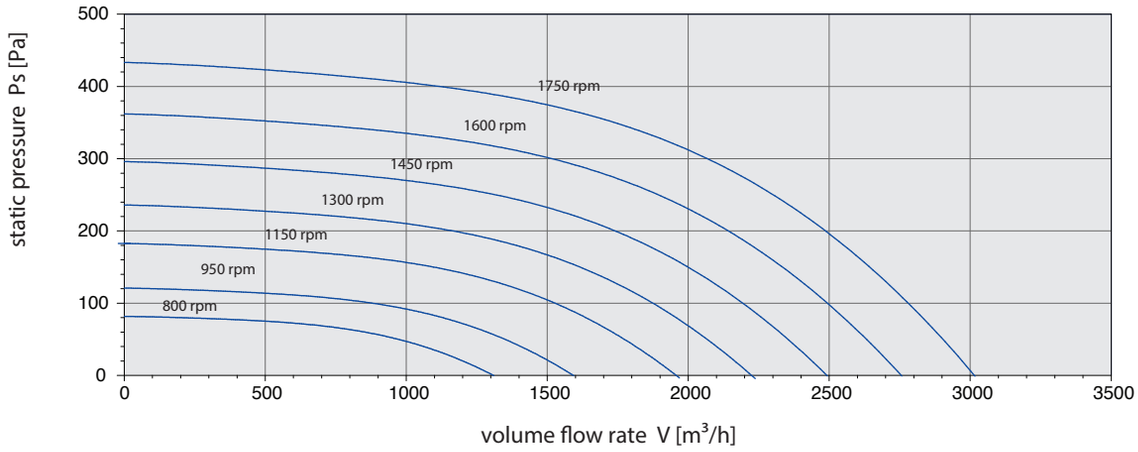
Technical data

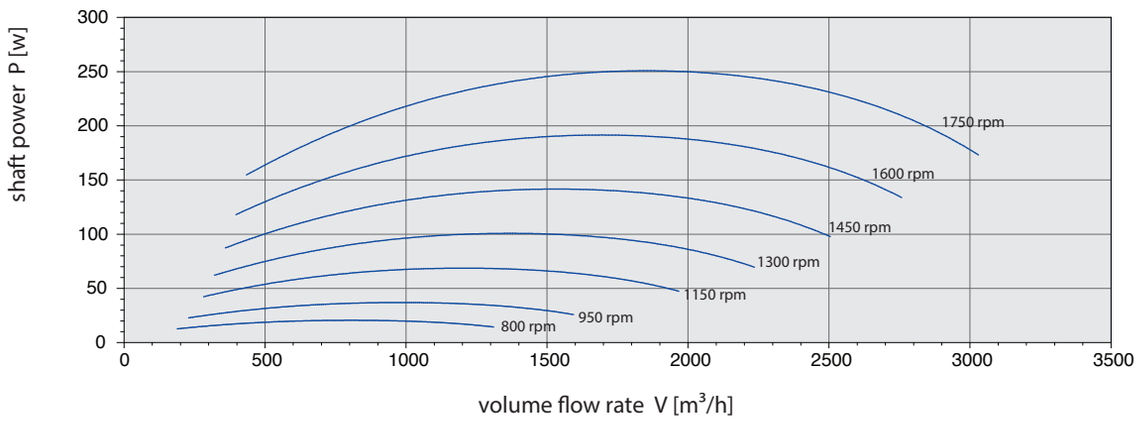
4 & 6 Pole -50 Hz						
MODEL	Q (CMH)	Type of motor	Max power (watts)	A(amp)	V/P/Hz	IP/CL
FCS 630-6 Pole	2900	IEC	1500	7.3	240/1/50	55/F
FCS 710-6 Pole	4300	IEC	3000	4.6	415/3/50	55/F
FCS 800-6 Pole	6200	IEC	5500	8.5	415/3/50	55/F

For actual motor rating check either with factory or motor data.
Above motor data subject to change after performance
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300
Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

300 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	63	125	250	500	1000	2000	4000	8000	Total	Lp A(dB (A)) @3m
800	66.7	54.6	56.1	62.8	58.6	57.2	57.6	57.3	70	45
950	70.2	61	55.5	61.9	56.9	55.3	55.1	51.2	72	43
1150	74.1	65.7	59.6	68.2	60.8	58.8	57.4	51.7	76	48
1300	76.9	69.1	64	72.5	63.9	61.8	59.8	53.8	79	51
1450	80.1	71.8	67.7	76.2	66.8	64.5	62.2	56.3	82	55
1600	82.6	74.1	72	80.7	69.6	67.3	64.7	59	86	59
1750	84.7	76.1	75.5	84.4	72	69.5	66.8	61.2	88	62

Technical data

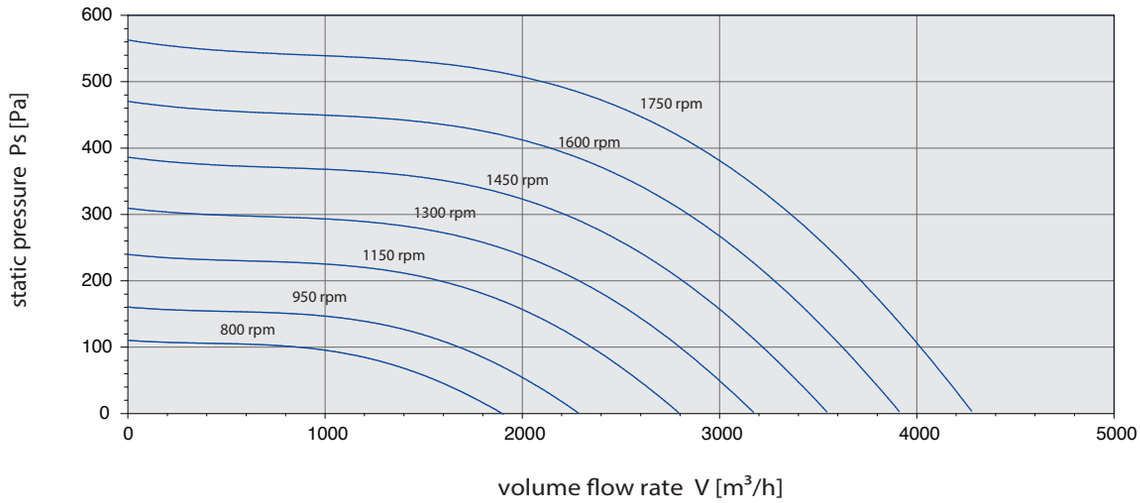
50 Hz						
MODEL	RPM	Q (CMH)	Type of motor	Max Shaft power (watts)	V/P/Hz	IP/CL
FCS - B - 300	800	1300	IEC	20	415/3/50	55/F
FCS - B - 300	950	1600	IEC	40	415/3/50	55/F
FCS - B - 300	1150	2000	IEC	70	415/3/50	55/F
FCS - B - 300	1300	2200	IEC	100	415/3/50	55/F
FCS - B - 300	1450	2500	IEC	140	415/3/50	55/F
FCS - B - 300	1600	2725	IEC	190	415/3/50	55/F
FCS - B - 300	1750	3000	IEC	250	415/3/50	55/F

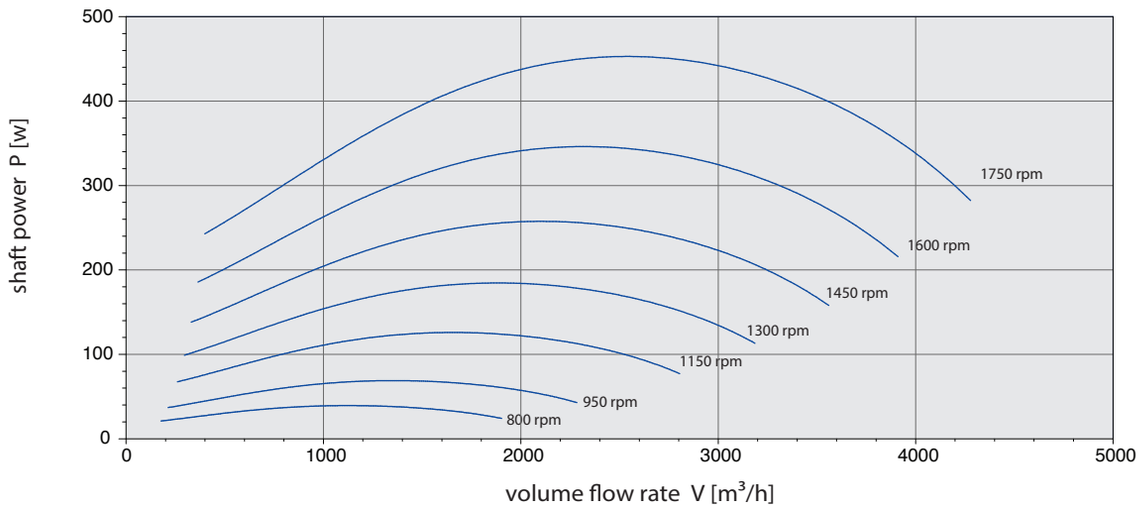
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

355 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**	**Total**	**Lp A(dB (A)) @3m**
800	54.5	53	63.4	63.9	63.6	60.1	66.5	52.1	71	50
950	59	54.9	68.2	63	61.8	57.2	59.1	50.5	71	47
1150	63.8	57.8	70.7	65.1	63.9	59.4	57.1	52.4	73	48
1300	65.3	60.8	70.8	67.4	66.3	62	59.1	54.6	77	51
1450	68.6	64.1	79.6	70.1	68.7	64.6	61.5	57.1	81	55
1600	71.1	68.1	84.5	73.2	71.2	67.2	63.9	59.4	85	58
1750	72.8	71.8	88.8	76.1	73.5	69.4	66	61.4	89	62

Technical data

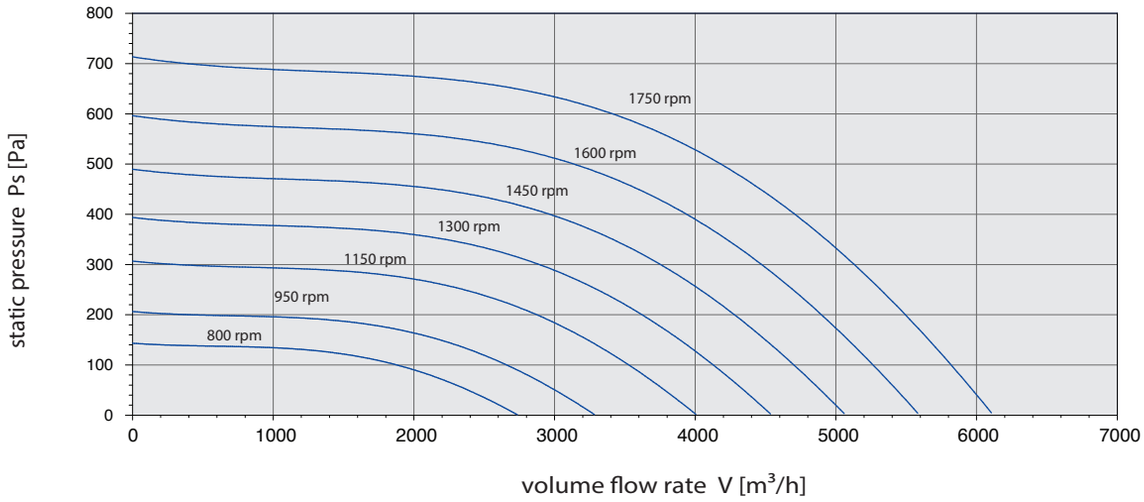
50 Hz						
MODEL	**RPM**	**Q (CMH)**	**Type of motor**	**Max Shaft power (watts)**	**V/P/Hz**	**IP/CL**
FCS - B - 355	800	1900	IEC	40	415/3/50	55/F
FCS - B - 355	950	2300	IEC	70	415/3/50	55/F
FCS - B - 355	1150	2800	IEC	120	415/3/50	55/F
FCS - B - 355	1300	3200	IEC	190	415/3/50	55/F
FCS - B - 355	1450	3600	IEC	260	415/3/50	55/F
FCS - B - 355	1600	3900	IEC	350	415/3/50	55/F
FCS - B - 355	1750	4300	IEC	450	415/3/50	55/F

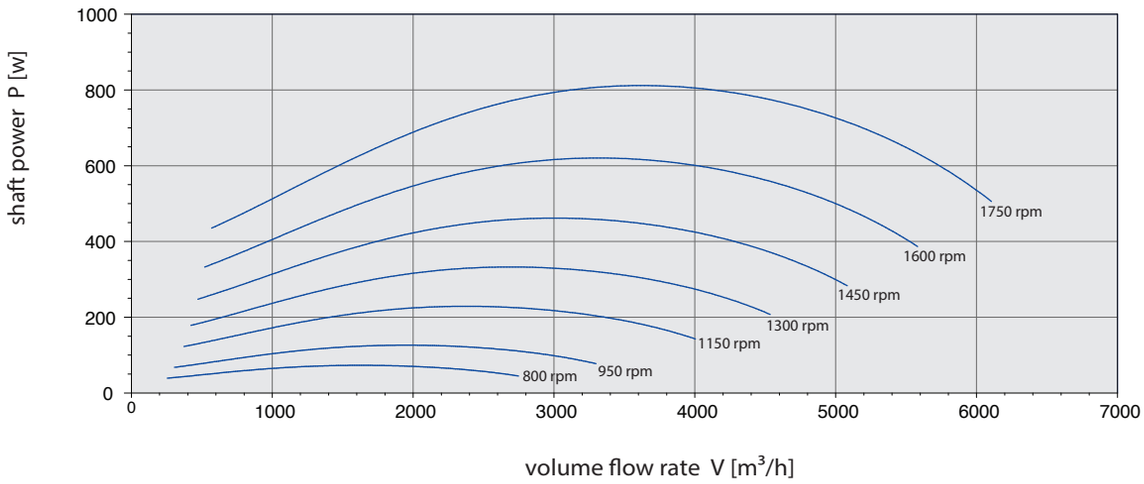
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

400 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**	**Total**	**Lp A(dB (A)) @3m**
800	58.1	56.6	67.1	67.4	67.2	63.7	70.1	55.7	75	53
950	62.6	58.6	71.9	66.7	65.5	61	63	54.2	75	50
1150	67.6	61.4	74.3	68.8	67.5	63	60.8	56.1	77	52
1300	69.1	64.3	78.2	70.9	69.9	65.6	62.7	58.2	80	55
1450	72	67.6	82.9	73.7	72.3	68.2	65.1	60.6	84	58
1600	74.7	71.5	87.7	76.7	74.8	70.7	67.5	63	89	62
1750	76.5	75.2	92.2	79.6	77.1	73	69.6	65	93	65

Technical data

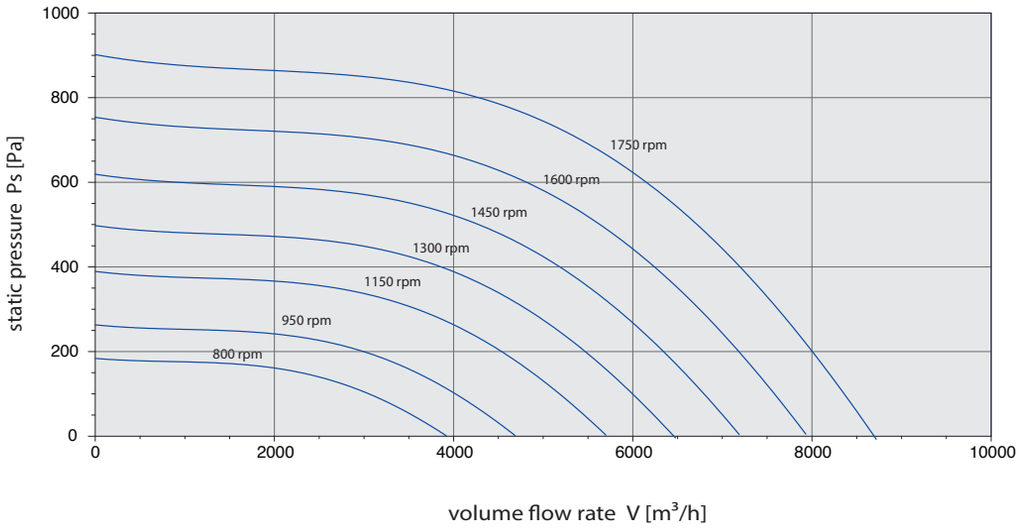
50 Hz						
MODEL	**RPM**	**Q (CMH)**	**Type of motor**	**Max Shaft power (watts)**	**V/P/Hz**	**IP/CL**
FCS - B - 400	800	2700	IEC	75	415/3/50	55/F
FCS - B - 400	950	3300	IEC	125	415/3/50	55/F
FCS - B - 400	1150	4000	IEC	240	415/3/50	55/F
FCS - B - 400	1300	4500	IEC	340	415/3/50	55/F
FCS - B - 400	1450	5100	IEC	460	415/3/50	55/F
FCS - B - 400	1600	5600	IEC	625	415/3/50	55/F
FCS - B - 400	1750	6100	IEC	825	415/3/50	55/F

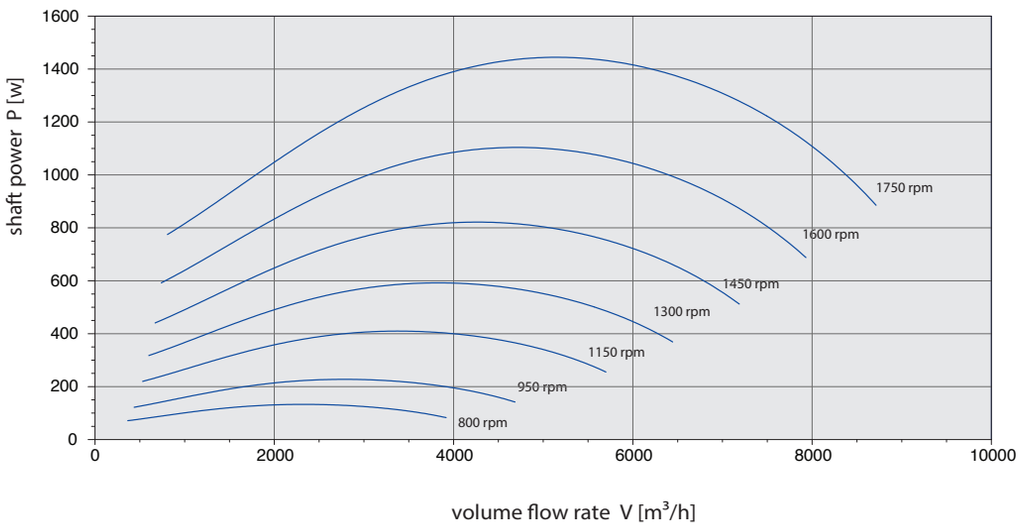
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

450 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**	**Total**	**Lp A(dB (A)) @3m**
800	61.7	60	70.9	70.8	70.6	67.2	73.4	59	78	57
950	66.1	62.7	75.4	70.2	69	64.4	66.3	57.7	78	54
1150	71	65	77.8	72.3	71.1	66.6	64.3	59.6	81	56
1300	72.7	67.9	81.7	74.5	73.4	69.2	66.2	61.8	84	58
1450	75.6	71.2	86.5	77.3	75.8	71.7	68.7	64.2	88	62
1600	78.3	75	91.3	80.2	78.3	74.3	71.1	66.5	92	65
1750	80	78.8	95.7	83.1	80.6	76.5	73.2	68.6	96	69

Technical data

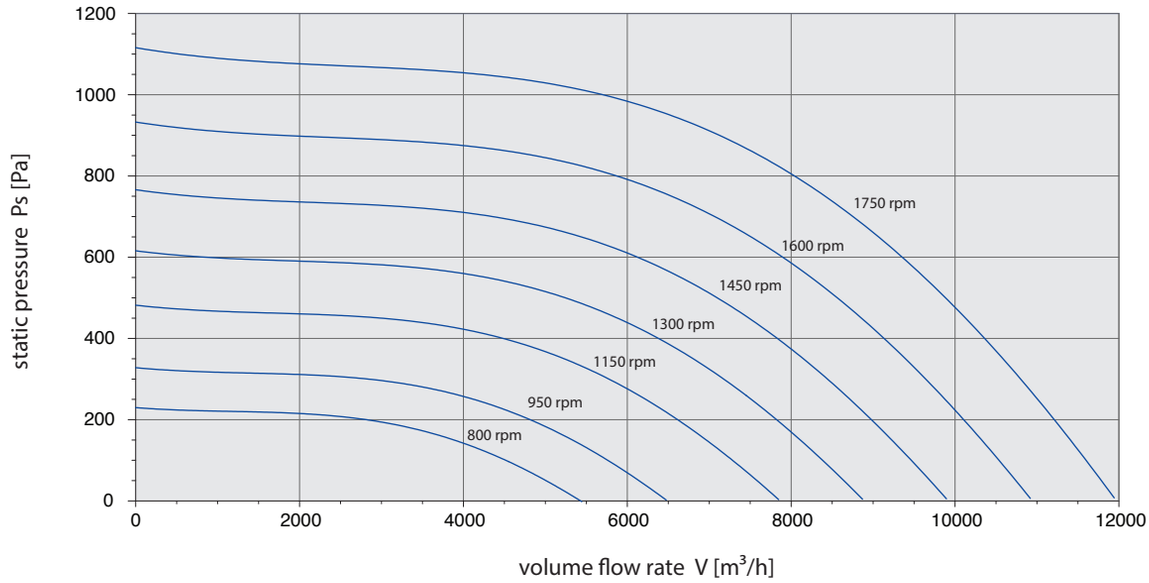
50 Hz						
MODEL	**RPM**	**Q (CMH)**	**Type of motor**	**Max Shaft power (watts)**	**V/P/Hz**	**IP/CL**
FCS - B - 450	800	3900	IEC	140	415/3/50	55/F
FCS - B - 450	950	4700	IEC	240	415/3/50	55/F
FCS - B - 450	1150	5700	IEC	410	415/3/50	55/F
FCS - B - 450	1300	6500	IEC	600	415/3/50	55/F
FCS - B - 450	1450	7300	IEC	825	415/3/50	55/F
FCS - B - 450	1600	8000	IEC	1100	415/3/50	55/F
FCS - B - 450	1750	8700	IEC	1450	415/3/50	55/F

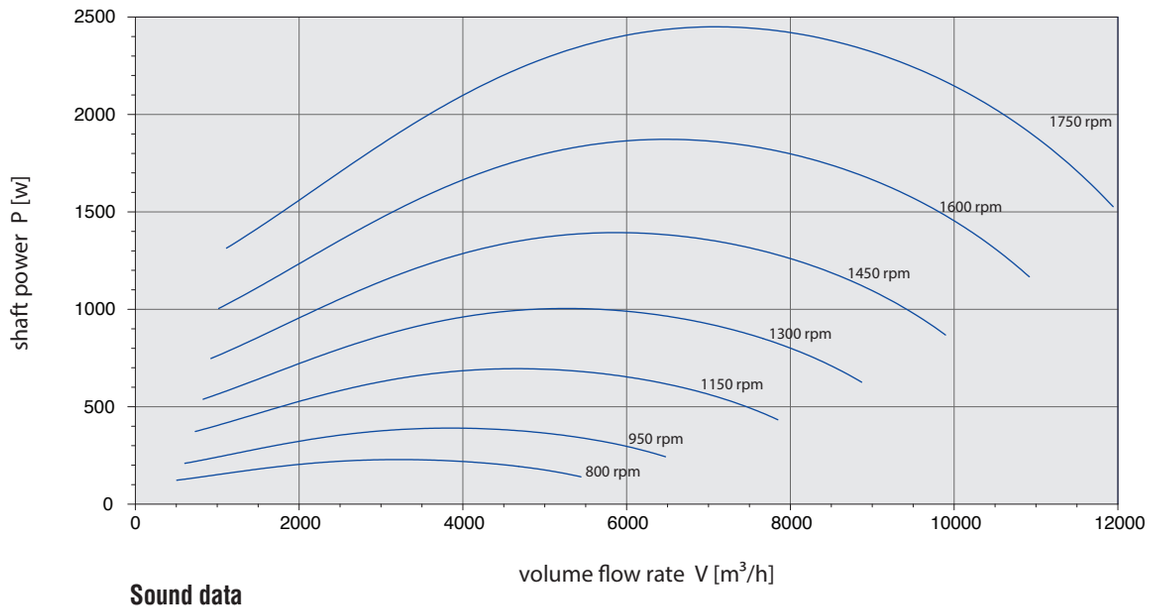
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

500 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	63	125	250	500	1000	2000	4000	8000	Total	Lp A(dB (A)) @3m
800	64.9	63.4	73.9	74.2	74	70.5	76.9	62.5	82	60
950	69.4	65.4	78.8	73.5	72.4	68	70	61.1	82	57
1150	74.4	68.3	81	75.6	74.4	69.9	67.7	63	84	59
1300	76.2	71.1	84.6	77.6	76.6	72.4	69.5	65	87	61
1450	78.6	74.3	89.5	80.5	79.1	74.9	71.9	67.4	91	65
1600	81.6	78	94.2	83.4	81.5	77.4	74.3	69.7	95	68
1750	83.3	81.8	98.6	86.3	83.8	79.7	76.4	71.8	99	72

Technical data

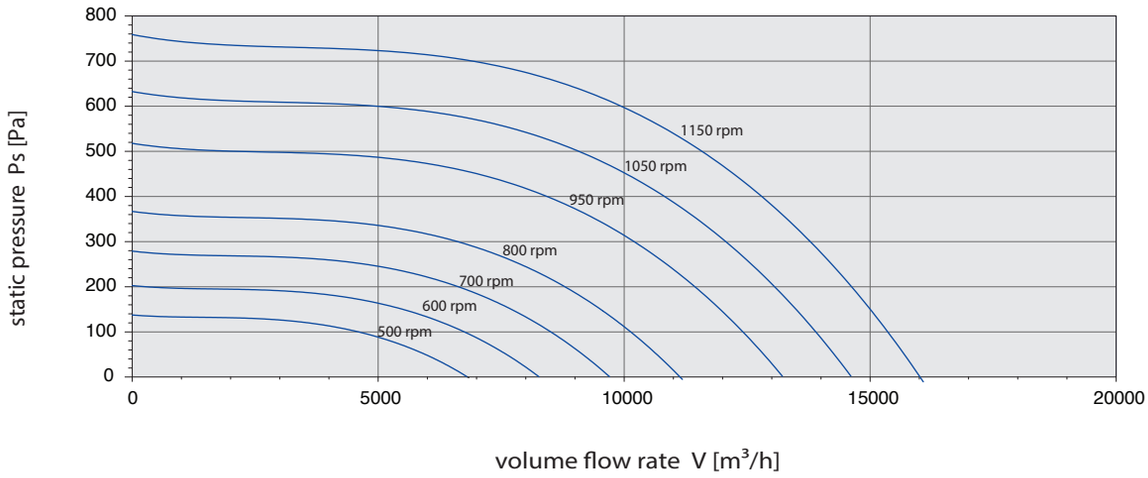
50 Hz						
MODEL	RPM	Q (CMH)	Type of motor	Max Shaft power (watts)	V/P/Hz	IP/CL
FCS - B - 500	800	5500	IEC	220	415/3/50	55/F
FCS - B - 500	950	6500	IEC	400	415/3/50	55/F
FCS - B - 500	1150	7900	IEC	700	415/3/50	55/F
FCS - B - 500	1300	8900	IEC	1000	415/3/50	55/F
FCS - B - 500	1450	10000	IEC	1400	415/3/50	55/F
FCS - B - 500	1600	11000	IEC	1890	415/3/50	55/F
FCS - B - 500	1750	12000	IEC	2450	415/3/50	55/F

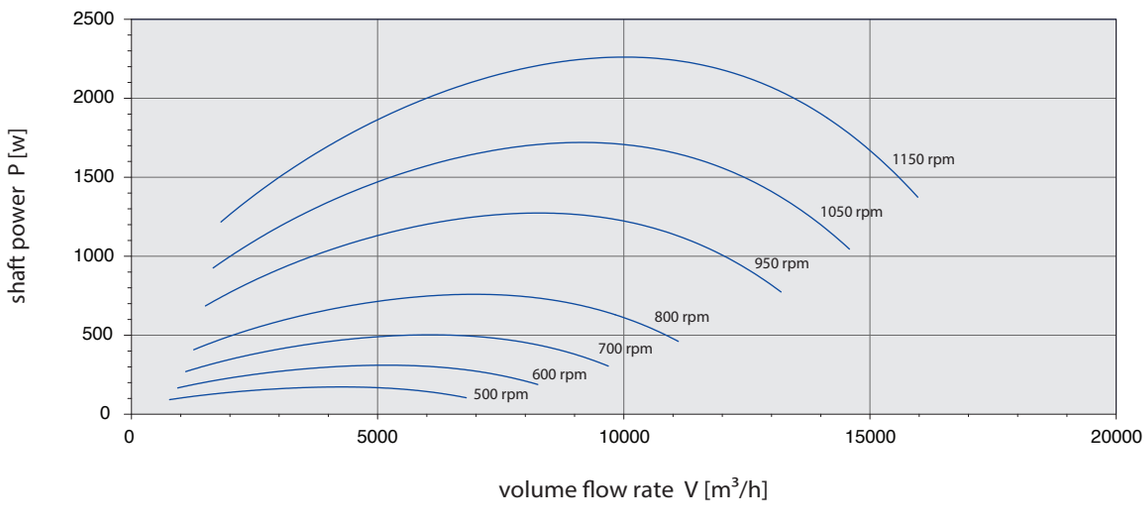
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

630 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**	**Total**	**Lp A(dB (A)) @3m**
500	73.2	69.1	75.6	73.9	69.8	77.7	72.2	55.8	82	60
600	73.7	72.3	82.4	75.1	68.7	71.1	61.3	55	84	58
700	74.3	75.2	82	77.2	70.4	70.2	63.1	56.6	85	58
800	76.7	80.2	83.8	79.2	73.2	71.5	65.8	59.5	87	61
950	80.2	89.2	87.4	82.3	76.3	73.7	69.6	63.9	92	64
1050	82.6	93.5	90.3	84.9	78.7	76.3	72	66.3	96	67
1150	84.8	97	92.9	87.3	81.4	78.7	74.2	68.4	99	69

Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Technical data

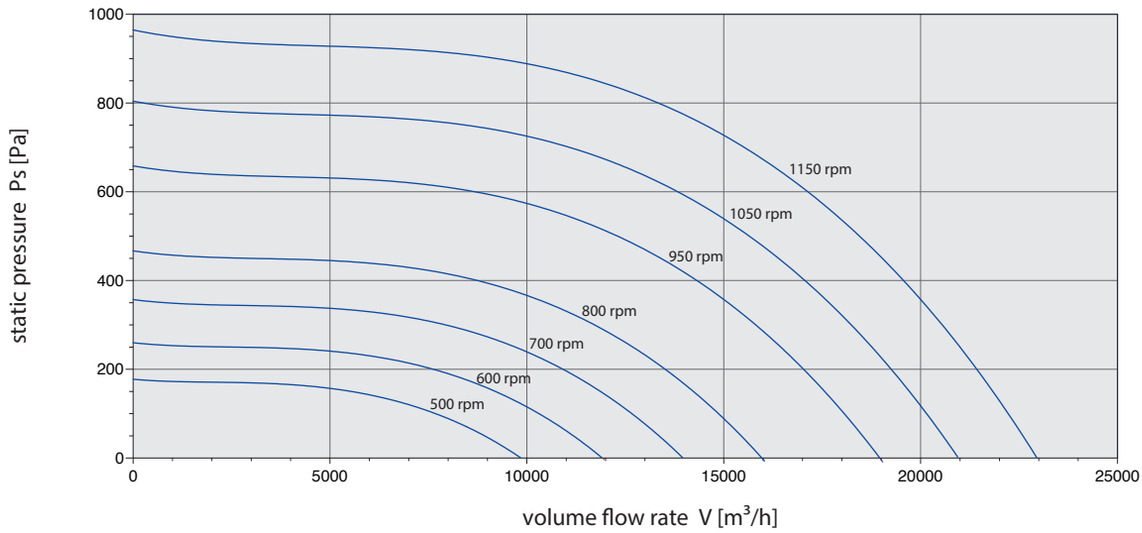
50 Hz						
MODEL	**RPM**	**Q (CMH)**	**Type of motor**	**Max Shaft power (watts)**	**V/P/Hz**	**IP/CL**
FCS - B - 630	500	6900	IEC	190	415/3/50	55/F
FCS - B - 630	600	8200	IEC	310	415/3/50	55/F
FCS - B - 630	700	9900	IEC	500	415/3/50	55/F
FCS - B - 630	800	11100	IEC	750	415/3/50	55/F
FCS - B - 630	950	13100	IEC	1290	415/3/50	55/F
FCS - B - 630	1050	14800	IEC	1710	415/3/50	55/F
FCS - B - 630	1150	16000	IEC	2225	415/3/50	55/F

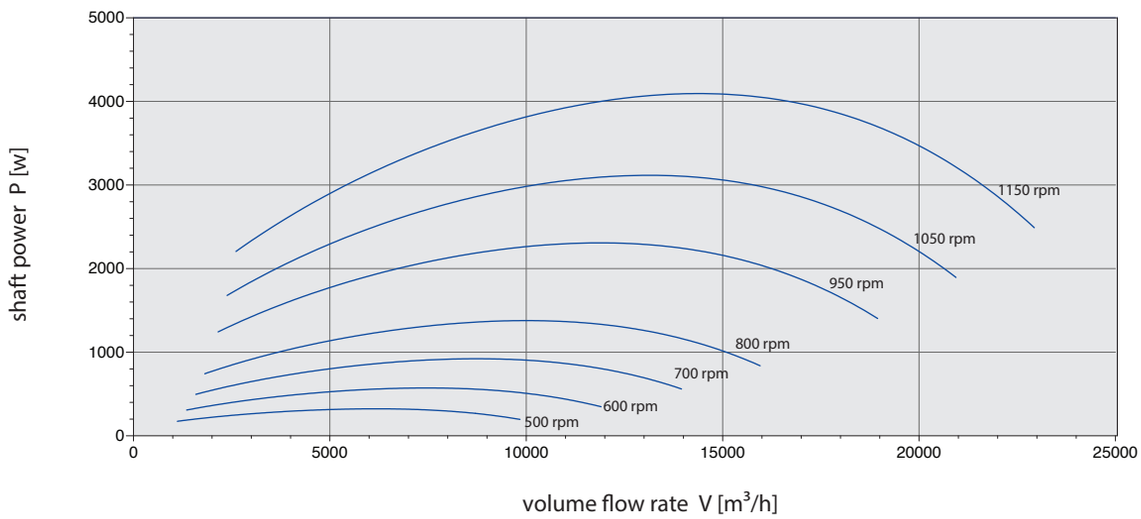
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

710 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	63	125	250	500	1000	2000	4000	8000	Total	Lp A(dB (A)) @3m
500	76.8	72.7	79.3	77.5	73.5	81.3	75.8	59.4	86	64
600	77.4	76	86.2	78.7	72.4	74.9	65	58.7	88	62
700	77.9	78.8	85.7	80.8	74.1	73.9	66.8	60.3	88	62
800	80.3	83.7	87.6	83	76.8	75.2	69.4	63.1	91	64
950	83.9	92.6	91.1	85.9	80.4	77.4	73.3	67.5	96	68
1050	86.2	97	93.9	88.5	82.8	79.9	75.7	69.9	100	71
1150	88.4	100.5	96.5	90.9	85	82.3	77.9	72.1	103	73

Technical data

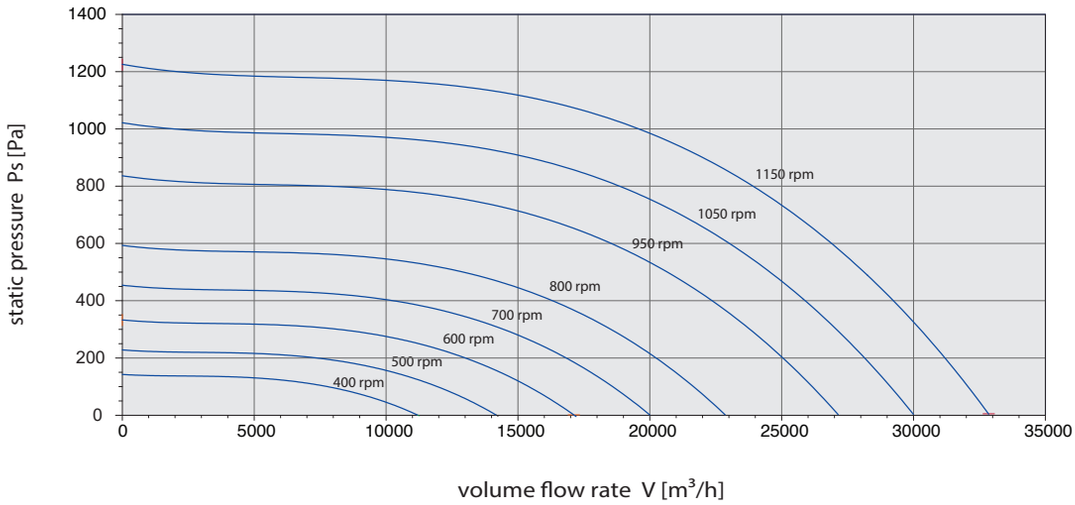
50 Hz						
MODEL	RPM	Q (CMH)	Type of motor	Max Shaft power (watts)	V/P/Hz	IP/CL
FCS - B - 710	500	10000	IEC	300	415/3/50	55/F
FCS - B - 710	600	12000	IEC	590	415/3/50	55/F
FCS - B - 710	700	14000	IEC	900	415/3/50	55/F
FCS - B - 710	800	16000	IEC	1400	415/3/50	55/F
FCS - B - 710	950	19000	IEC	2300	415/3/50	55/F
FCS - B - 710	1050	21000	IEC	3100	415/3/50	55/F
FCS - B - 710	1150	23000	IEC	4100	415/3/50	55/F

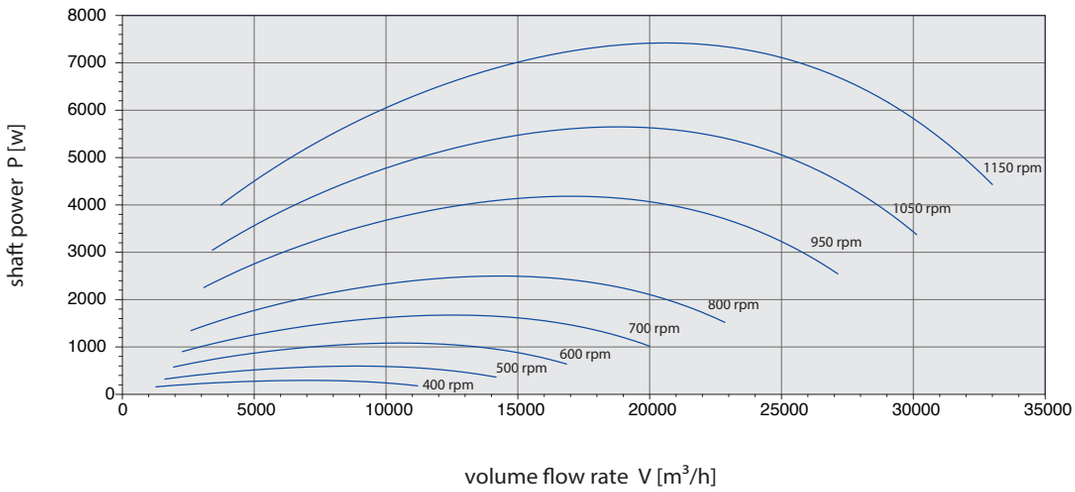
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

800 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	63	125	250	500	1000	2000	4000	8000	Total	Lp A(dB (A)) @3m
400	75.6	71.5	78.1	76.3	72.3	80.1	74.6	58.2	85	63
500	76.1	75.2	84	77.9	71.3	73	64	57.7	86	60
600	77.9	79.9	85.7	80.8	74.4	72.9	66.8	60.4	88	62
700	81	87.1	87.7	83.1	77.4	75.3	70.3	64.3	92	65
800	83.8	93.9	91.3	86	80.4	77.3	73.3	67.5	97	68
950	88	100.6	96.3	90.5	84.6	82	77.4	71.6	103	73
1050	91.4	103.7	98.8	93.3	87.3	84.5	79.7	73.8	106	76
1150	94.1	106.3	101	95.8	89.8	86.7	81.8	75.7	108	78

Technical data

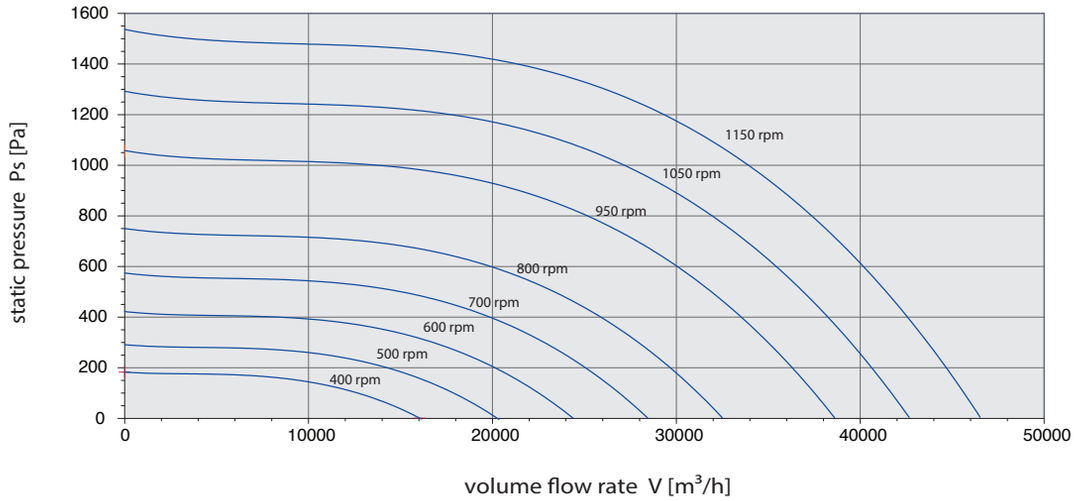
50 Hz						
MODEL	RPM	Q (CMH)	Type of motor	Max Shaft power (watts)	V/P/Hz	IP/CL
FCS - B - 800	400	11000	IEC	300	415/3/50	55/F
FCS - B - 800	500	14000	IEC	600	415/3/50	55/F
FCS - B - 800	600	17000	IEC	1100	415/3/50	55/F
FCS - B - 800	700	20000	IEC	1700	415/3/50	55/F
FCS - B - 800	800	23000	IEC	2500	415/3/50	55/F
FCS - B - 800	950	27000	IEC	4200	415/3/50	55/F
FCS - B - 800	1050	30000	IEC	5600	415/3/50	55/F
FCS - B - 800	1150	33000	IEC	7400	415/3/50	55/F

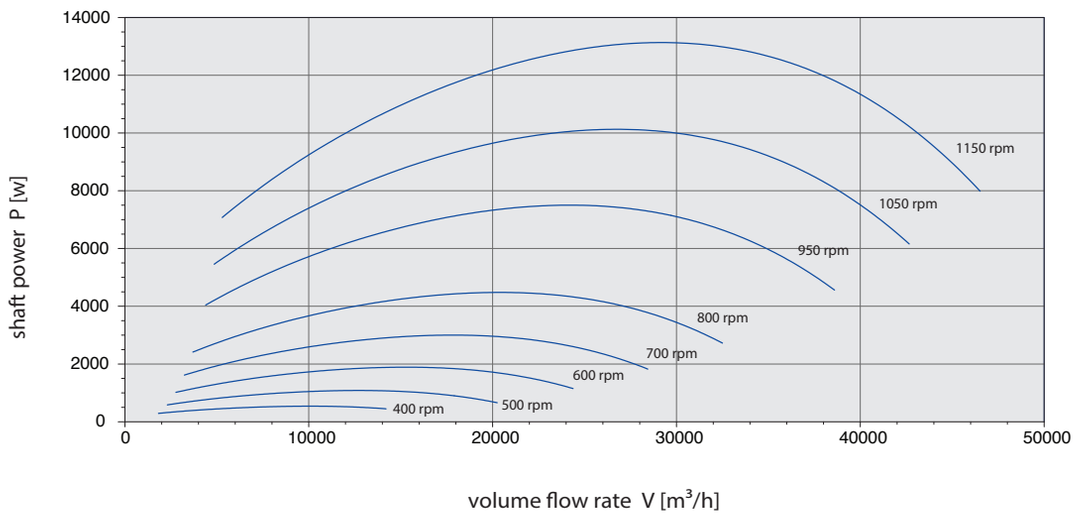
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

900 - BELT DRIVE - 50Hz





Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	63	125	250	500	1000	2000	4000	8000	Total	Lp A(dB (A)) @3m
400	79.2	75.1	81.6	79.9	75.9	83.7	78.2	61.8	88	66
500	79.7	78.8	87.7	81.5	74.9	76.7	67.6	61.3	90	64
600	81.5	83.4	89.3	84.4	78	76.6	70.3	64	92	66
700	84.5	90.4	91.3	86.7	81	79	73.9	67.8	95	68
800	87.4	97.3	97.8	89.5	84	80.9	76.8	71.1	100	71
950	91.5	104.1	99.8	94.1	88.2	85.6	81	75.2	106	76
1050	94.9	107.2	102.4	96.8	90.8	88.1	83.3	77.3	109	79
1150	98	109.6	104.4	99.2	93.2	90.1	85.2	79.1	111	81

Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Technical data

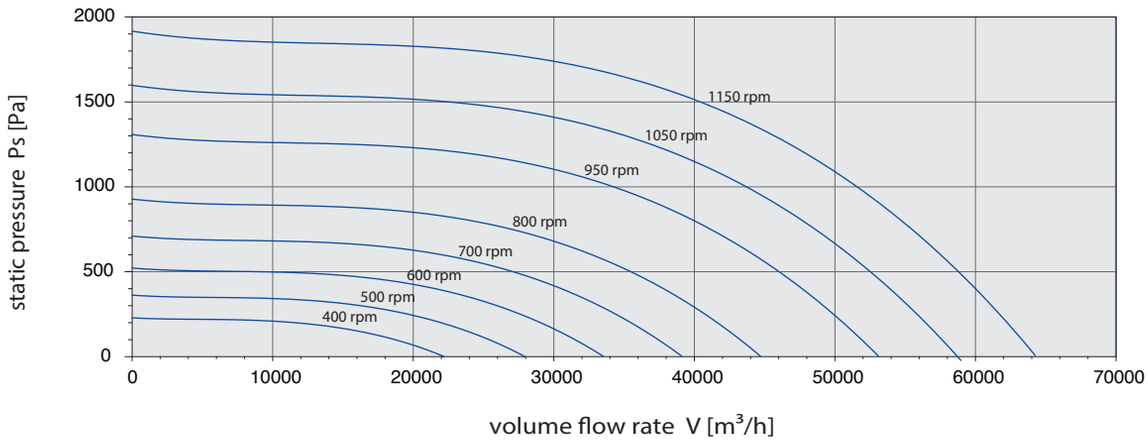
50 Hz						
MODEL	RPM	Q (CMH)	Type of motor	Max Shaft power (watts)	V/P/Hz	IP/CL
FCS - B - 900	400	16000	IEC	500	415/3/50	55/F
FCS - B - 900	500	20000	IEC	1000	415/3/50	55/F
FCS - B - 900	600	24000	IEC	2000	415/3/50	55/F
FCS - B - 900	700	29000	IEC	3000	415/3/50	55/F
FCS - B - 900	800	33000	IEC	4500	415/3/50	55/F
FCS - B - 900	950	39000	IEC	7500	415/3/50	55/F
FCS - B - 900	1050	43000	IEC	10100	415/3/50	55/F
FCS - B - 900	1150	47000	IEC	13100	415/3/50	55/F

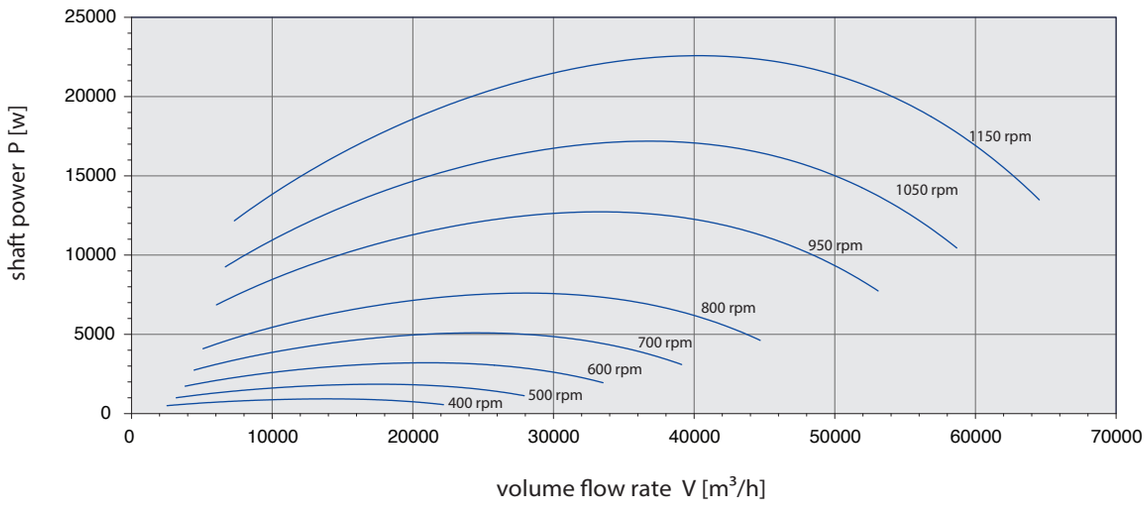
Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.

Lp: sound pressure level measured at 3m in accordance with AMCA standard 300

Tested in accordance with AMCA standard 210 at air temperature 15°C - Barometric pressure 760 mm Hg - Air specific weight 1.22 Kg/m³

1000 - BELT DRIVE - 50Hz





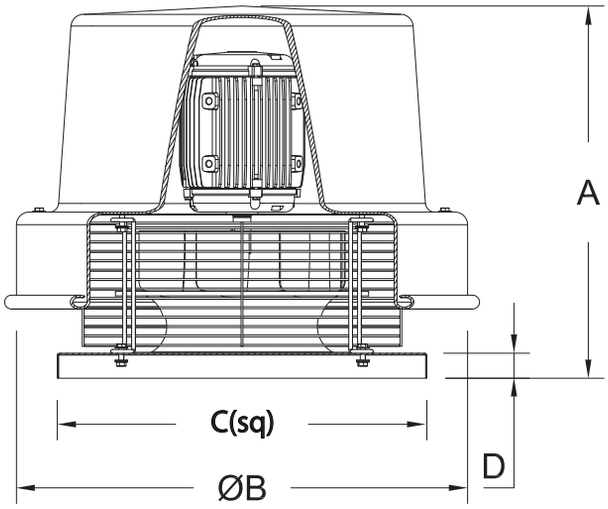
Sound data

Sound Power Level (Fan), dB - Octave Band Centre Frequency, Hz										
RPM	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**	**Total**	**Lp A(dB (A)) @3m**
400	82.3	78.3	84.9	83.1	79	86.9	81.2	65	92	70
500	83	82.1	91	84.7	78.2	80	70.8	64.5	93	67
600	84.7	86.6	92.5	87.7	81.2	79.9	73.6	71	95	69
700	87.7	93.5	94.5	89.9	84.2	82.2	77.1	71	99	71
800	90.6	100.5	98	92.7	87.2	84.1	80	74.3	103	75
950	94.8	107.2	103	97.3	91.4	88.8	84.2	78.4	109	80
1050	98.1	110.4	105.6	100	94	91.3	86.5	80.6	112	82
1150	101.4	113	107.8	102.5	96.5	93.5	88.6	82.5	115	85

Technical data

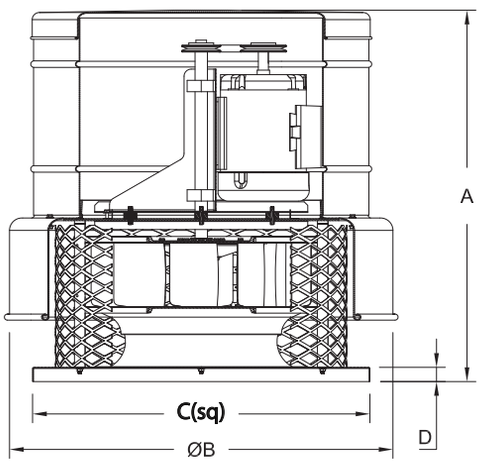
50 Hz						
MODEL	**RPM**	**Q (CMH)**	**Type of motor**	**Max Shaft power (watts)**	**V/P/Hz**	**IP/CL**
FCS - B - 1000	400	22000	IEC	1000	415/3/50	55/F
FCS - B - 1000	500	28000	IEC	2000	415/3/50	55/F
FCS - B - 1000	600	33000	IEC	3100	415/3/50	55/F
FCS - B - 1000	700	39000	IEC	5000	415/3/50	55/F
FCS - B - 1000	800	45000	IEC	7500	415/3/50	55/F
FCS - B - 1000	950	53000	IEC	13000	415/3/50	55/F
FCS - B - 1000	1050	59000	IEC	17000	415/3/50	55/F
FCS - B - 1000	1150	64000	IEC	23000	415/3/50	55/F

Fans are tested in accordance with AMCA 210 for airflow and AMCA 300 for sound performance rating.



Models FCS - D						
Model No	**A**	**B**	**C(sq)**	**D**	**Weight (Kg)**	**Damper size (sq)**
FCS 300	534	650	600	40	21	395
FCS 355	580	720	660	40	28	395
FCS 400	636	780	700	40	34	555
FCS 450	689	840	780	40	43	555
FCS 500	765	930	830	40	54	555
FCS 630	977	1080	950	40	63	850
FCS 710	1195	1200	1100	40	75	850
FCS 800	1332	1438	1160	50	87	1000

All dimension's are in 'mm'
**Approximate weight without motor.*
For actual fan dimensions check with factory.

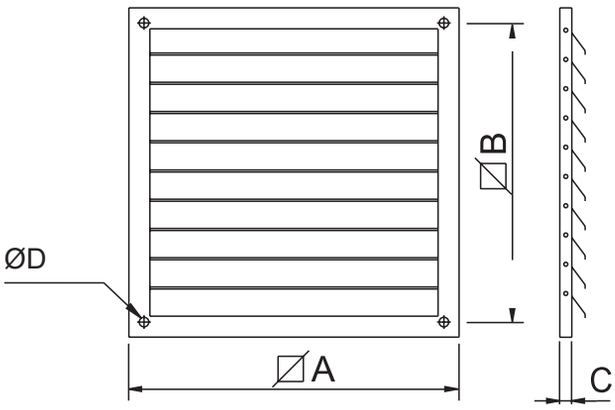


Models FCS - B						
Model No	**A**	**B**	**C(sq)**	**D**	**Weight (Kg)**	**Damper size (sq)**
FCS 300	685	680	600	40	38	395
FCS 355	702	720	660	40	44	395
FCS 400	718	780	700	40	52	555
FCS 450	774	830	780	40	69	555
FCS 500	882	940	830	40	86	555
FCS 630	1047	1080	950	40	124	850
FCS 710	1265	1200	1100	40	186	850
FCS 800	1402	1438	1160	50	269	1000
FCS 900	1524	1608	1370	50	332	1000
FCS 1000	1600	1780	1410	50	390	1200

All dimension's are in 'mm'
**Approximate weight without motor.*

GRAVITY BACK-DRAFT DAMPER

Automatic operation with the help of seal on the edge of the damper blades for quiet operation. Designed to prevent outside air from entering back into the building when fan is off. Dampers feature square galvanized steel frame, multi-leaf, roll formed aluminum blades with nylon bearings.



Back Draft Damper			
Model No	**A**	**B**	**Frame Thick**
FCS 300	395	395	0.9mm
FCS 355	395	395	0.9mm
FCS 400	555	555	1.2mm
FCS 450	555	555	1.2mm
FCS 500	555	555	1.2mm
FCS 630	850	850	1.2mm
FCS 710	850	850	1.2mm
FCS 800	1000	1000	1.2mm
FCS 900	1000	1000	1.2mm
FCS 1000	1200	1200	1.2mm