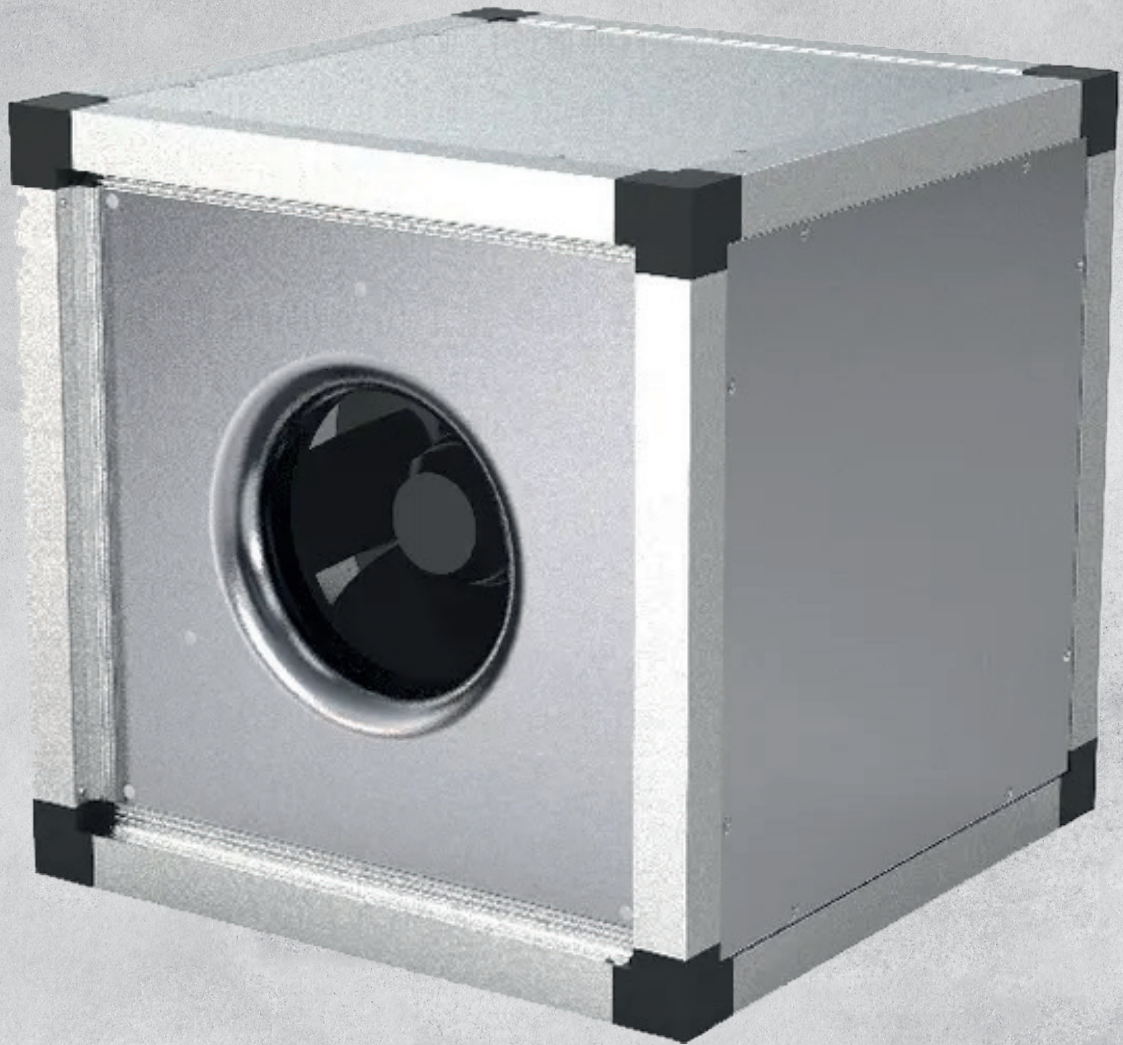


MUB

AMCA



MUB

Duct fans



Casing

The casing consists of a corrosion-resistant aluminum frame with fiberglass reinforced plastic corners of PA6; highly shock-resistant. Panels made of double skin galvanized sheet steel with 30 mm acoustic and thermal rockwool insulation.

The MUB fans are designed for straight through airflow but can easily be rebuilt due to removable panels for 90° air discharge. Air direction can be easily rebuilt on site by changing with service doors.

Motor

MUB fans are equipped with AC motors. Motors are suitable for 50Hz and 60Hz.

Output control

AC motors can be controlled by 5-step, stepless speed regulator, D/Y switch or frequency converter.

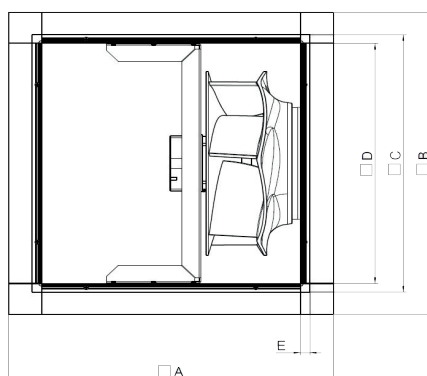
Motor protection

Depending on the type, AC motors have an integrated thermal protection with manual (electrical) reset, prewired integral thermo-contact TK or thermistor PTC with leads to a motor protection device.

Impeller

The MUB fans use radial impellers with backward curved blades. These are made out of high-performance composite material or aluminum, dynamically balanced and paired with corresponding AC motors.

Dimension



Model	Article no.	A	B	C	D	E
MUB 025 315EV Sileo	235422	520	520	420	378	21
MUB 025 355EV SA	235412	520	520	420	378	21
MUB 042 400EV Sileo Multibox	235403	690	690	590	548	21
MUB 042 400D4 SA	235376	690	690	590	548	21
MUB 042 450EV SA	235420	690	690	590	548	21
MUB 042 450DV SA	448098	690	690	590	548	21
MUB 042 500D4 Multibox	235396	690	690	590	548	21
MUB 062 560D4 Multibox	235397	820	820	720	678	21
MUB 100 630D4 SA	277378	1020	1020	920	878	21

Dimensions are in mm



Performance Data

Model	Article no.	Voltage	Phase	Frequency	Rated power	Rated amps	Impeller speed	Sound power (*)
		V	~	HZ	W	A	r.p.m.	dB(A)
MUB 025 315EV Sileo	235422	220-230	1	60	160	0.7	1300	75.5/76.3
MUB 025 355EV SA	235412	220-230	1	60	320	1.4	1520	76.4/74.2
MUB 042 400EV Sileo Multibox	235403	220-230	1	60	650	3	1430	82/80.5
MUB 042 400D4 SA	235376	380-400	3	60	370	0.91	1602	88.1/85.6
MUB 042 450EV SA	235420	220-230	1	60	780	3.5	1320	85.1/80.4
MUB 042 450DV SA	448098	380-400	3	60	800	1.45	1320	80.5/78.6
MUB 042 500D4 Multibox	235396	380-400	3	60	1500	2.74	1736	92.2/90.6
MUB 062 560D4 Multibox	235397	380-400	3	60	2200	4.48	1726	95.5/93.3
MUB 100 630D4 SA	277378	380-400	3	60	5500	10.6	1770	102.1/101

(*) Sound power values ratings shown at freeblowing at 0 Pa max rpm. Second value shows straight airflow.

Performance certified is for installation type A: free inlet; free outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings do not include the effects of appurtenances (accessories).

The sound ratings shown are in decibels, referred to 10⁻¹² Watts calculated AMCA standard 301. Values shown are for inlet LwIA for Installation type A.

Ratings do not include the effect of duct end correction.

Model	Article no.	Air flow [m ³ /h]								Max Pa(*)	
		0 Pa(*)	200 Pa(*)	400 Pa(*)	600 Pa(*)	800 Pa(*)	1000 Pa(*)	1200 Pa(*)	1400 Pa(*)		
MUB 025 315EV Sileo	235422	2163/1939	781/738	-/-	-/-	-/-	-/-	-/-	-/-	-/-	361/360
MUB 025 355EV SA	235412	3217/2850	2019/1737	-/-	-/-	-/-	-/-	-/-	-/-	-/-	350/350
MUB 042 400EV Sileo Multibox	235403	4759/4448	3619/3400	2158/2020	478/442	-/-	-/-	-/-	-/-	-/-	637/634
MUB 042 400D4 SA	235376	4781/4478	3722/3580	2594/2504	-/0	-/-	-/-	-/-	-/-	-/-	598/600
MUB 042 450EV SA	235420	5596/5120	4165/3878	1998/1801	-/-	-/-	-/-	-/-	-/-	-/-	517/512
MUB 042 450DV SA	448098	5945/5195	4429/3917	2581/2302	680/650	-/-	-/-	-/-	-/-	-/-	679/681
MUB 042 500D4 Multibox	235396	9519/8659	8520/7989	7632/7186	6701/6130	5560/4317	494/436	-/-	-/-	-/-	1025/1043
MUB 062 560D4 Multibox	235397	13898/12621	12636/11723	11457/10749	10246/9637	8889/8248	7143/6049	1626/509	-/-	-/-	1223/1241
MUB 100 630D4 SA	277378	20862/19911	19587/18813	18354/17694	17110/16521	15804/15248	14370/13801	12685/12019	10408/9322	1571/1581	

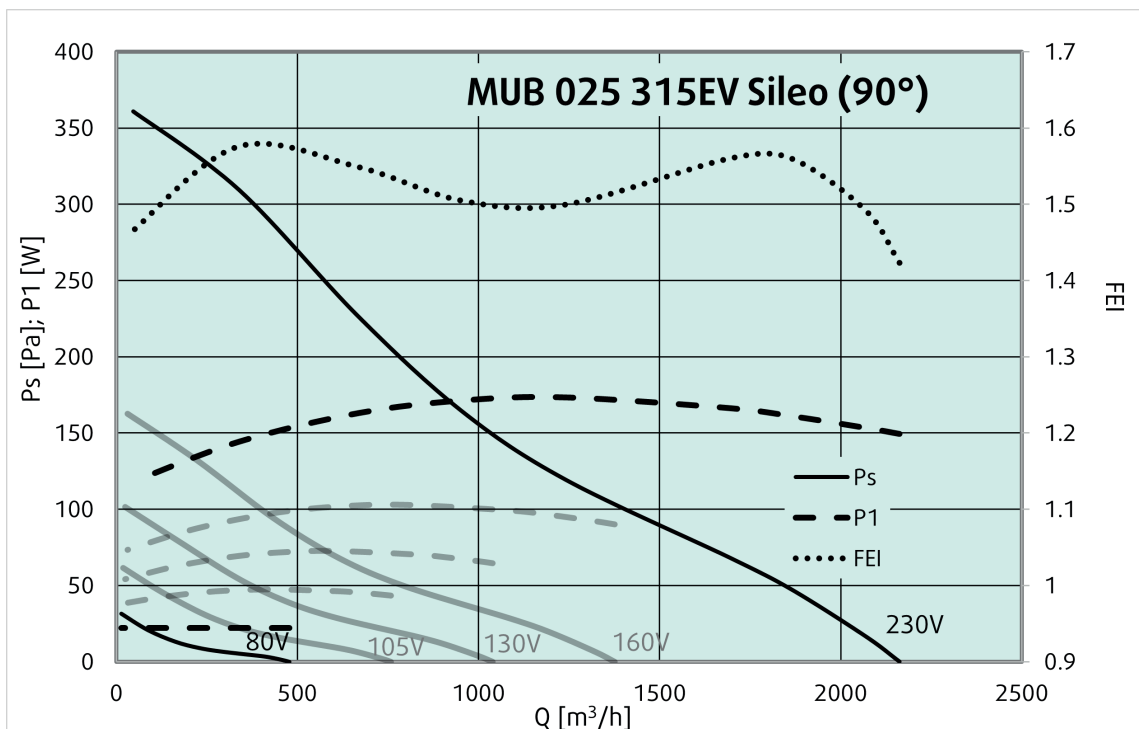
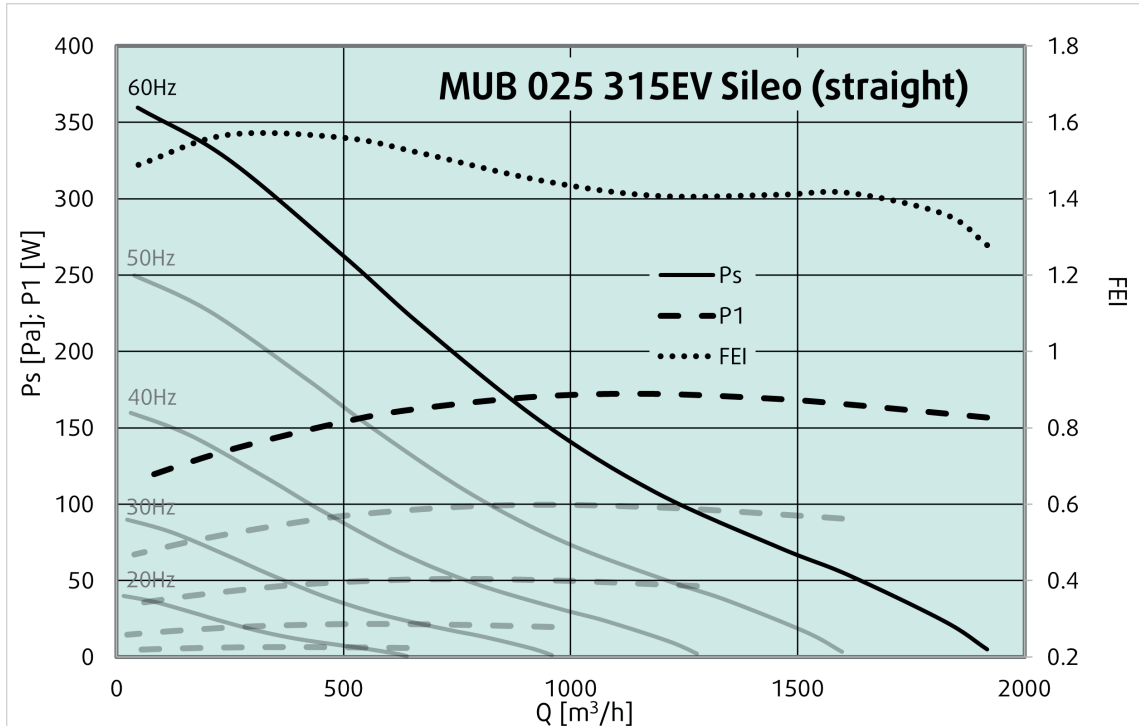
(*) Second value shows straight airflow.



Systemair GmbH certifies that the MUB series shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

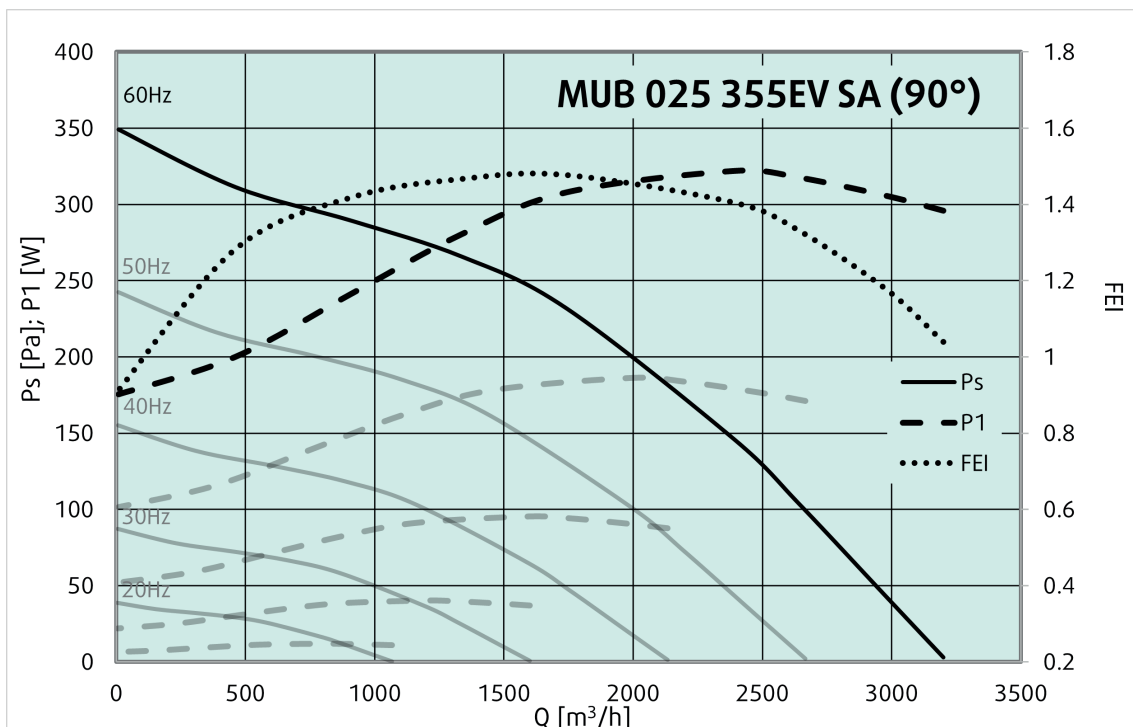
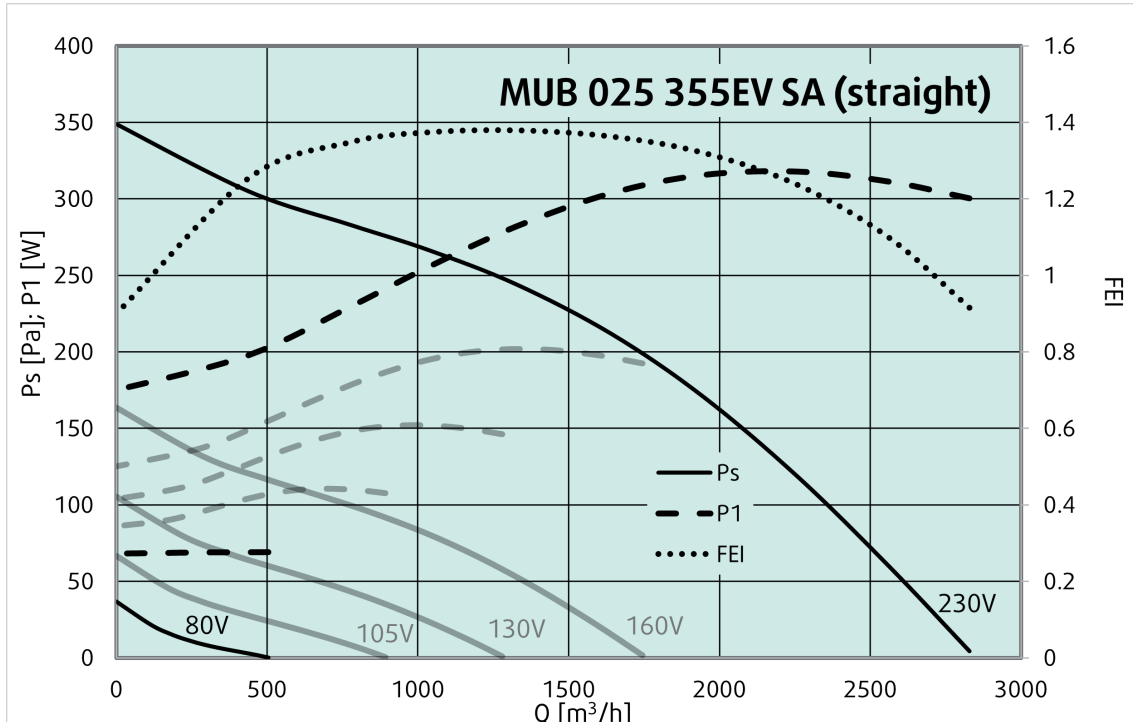


MUB 025 315EV Sileo



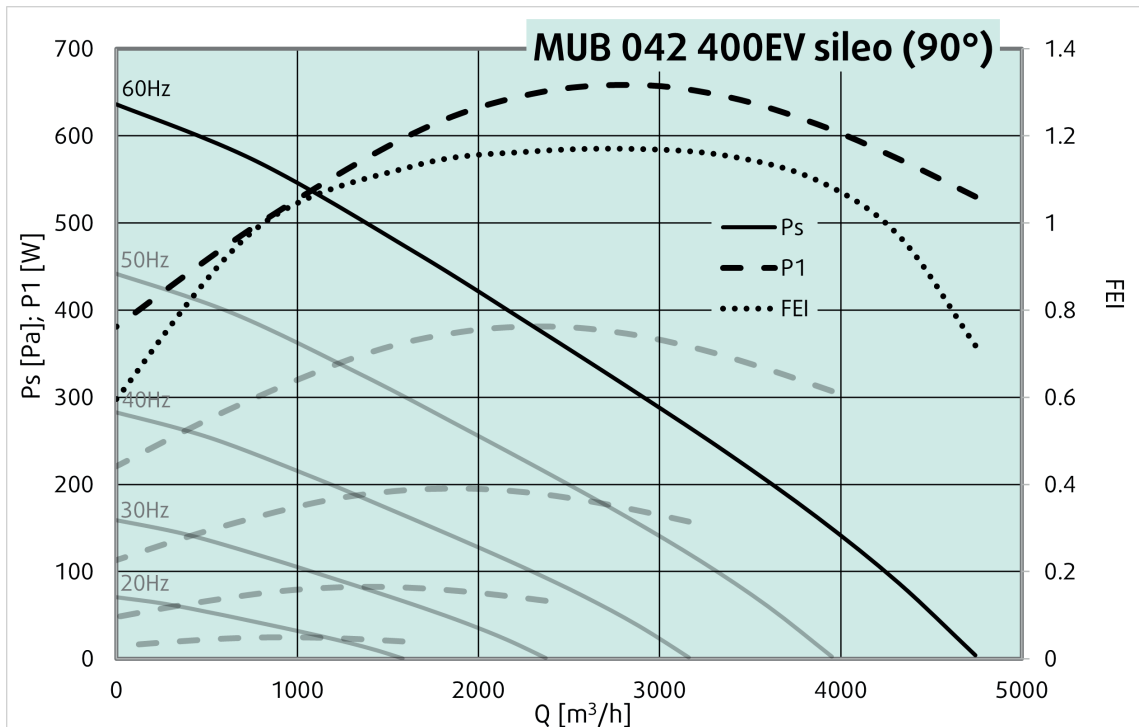
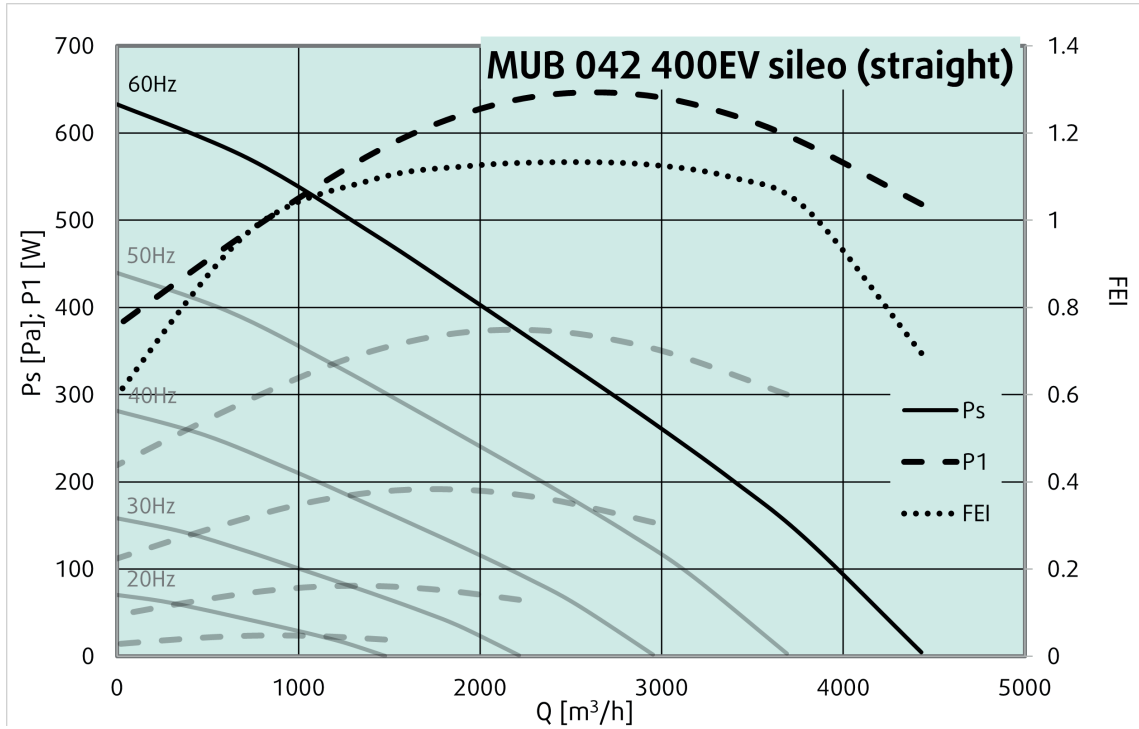


MUB 025 355EV SA



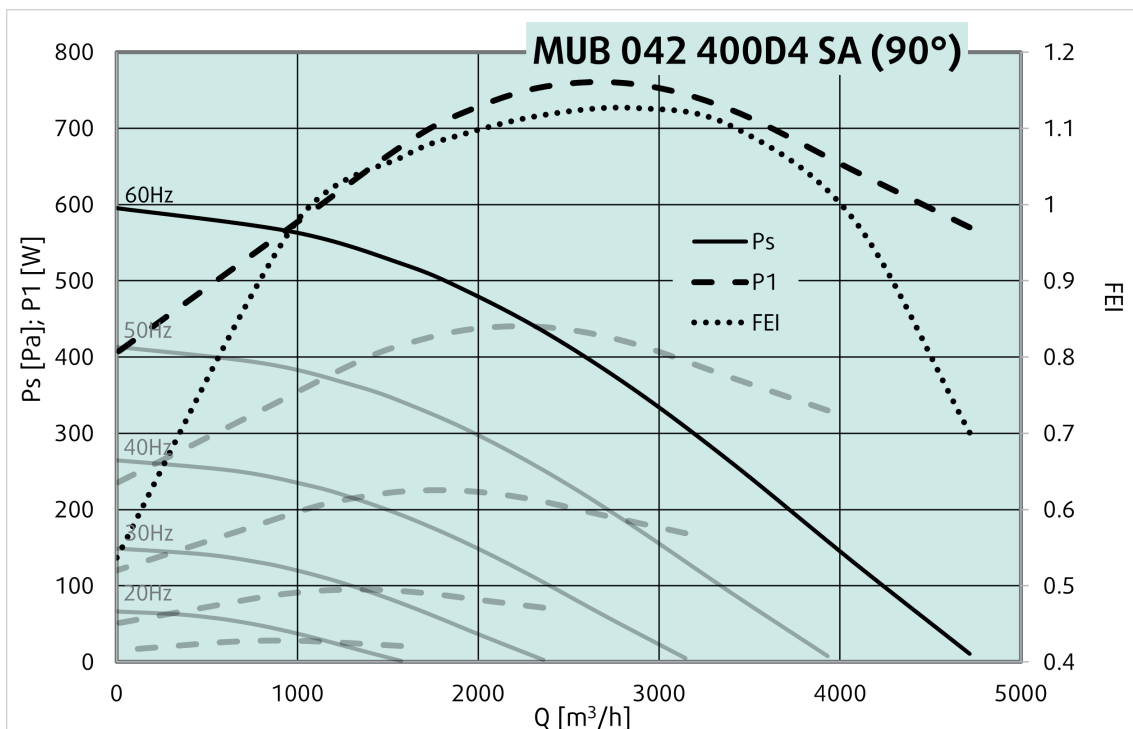
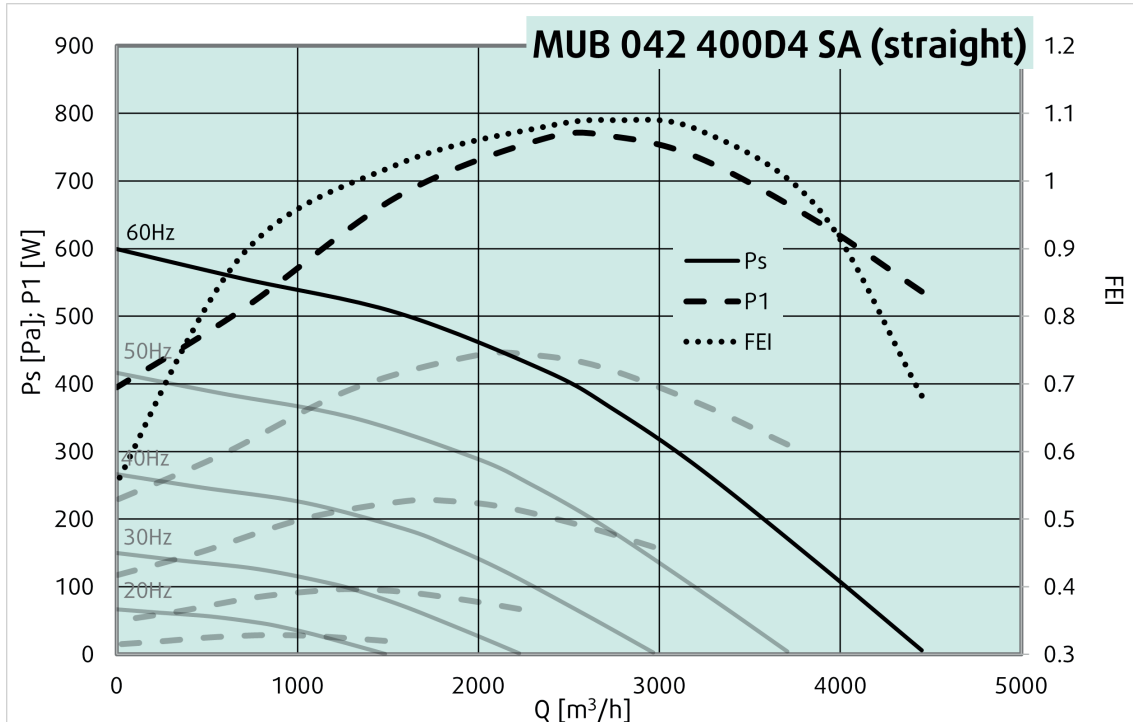


MUB 042 400EV Sileo



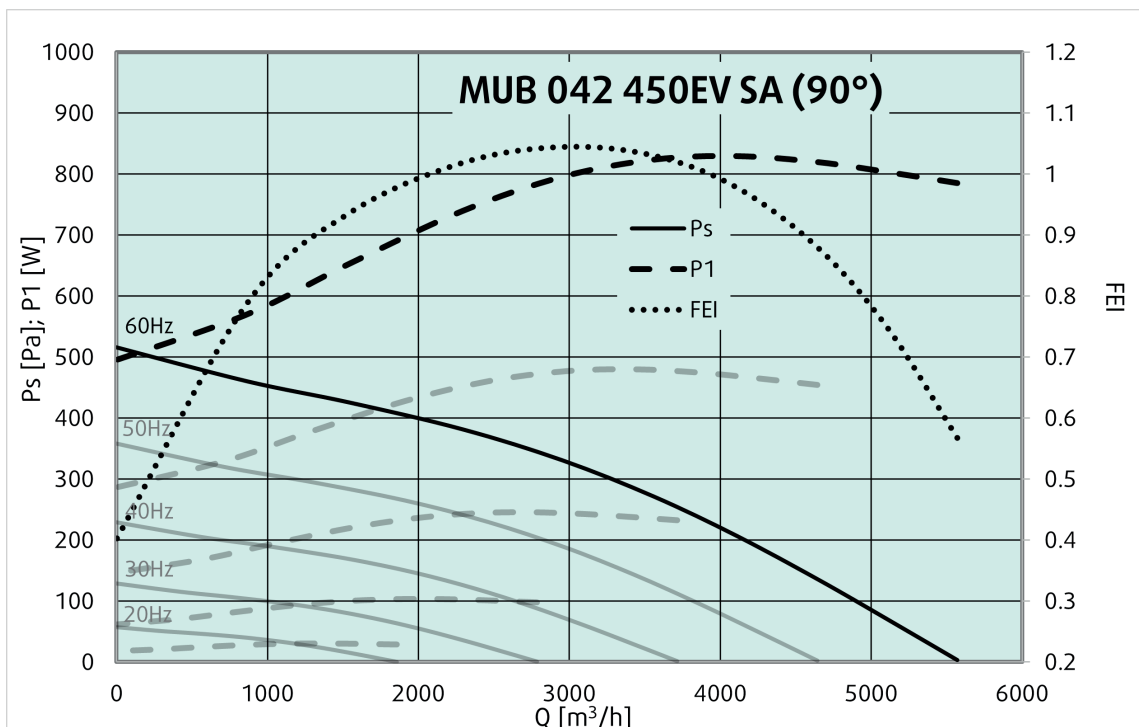
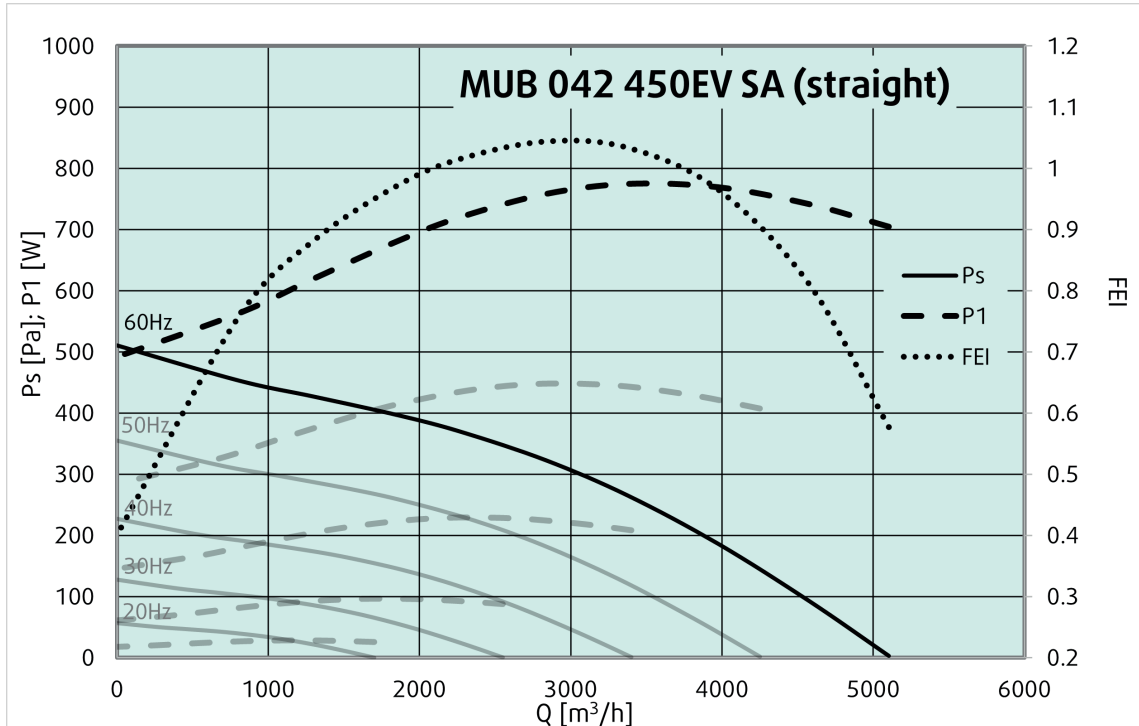


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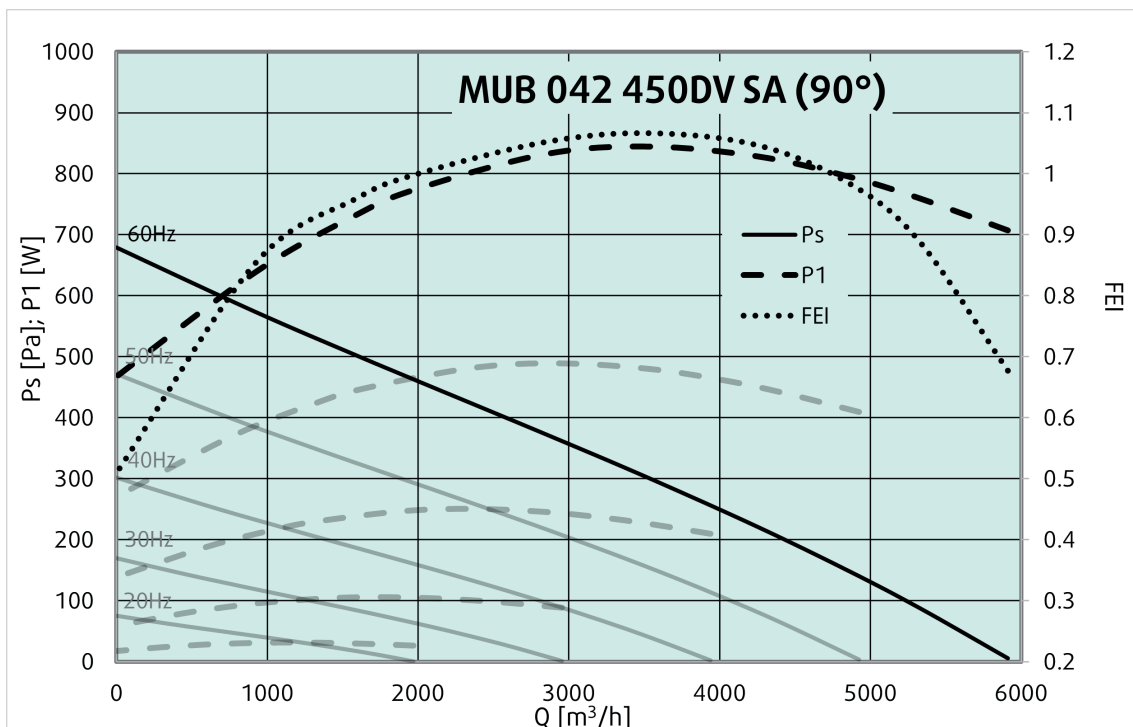
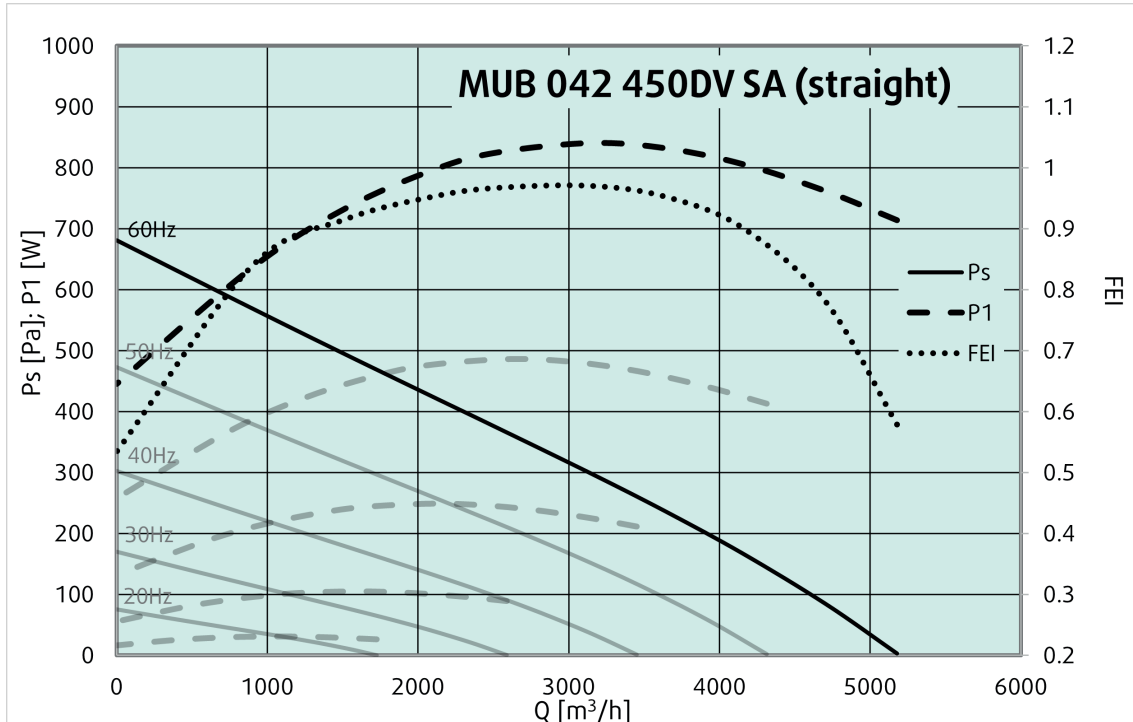


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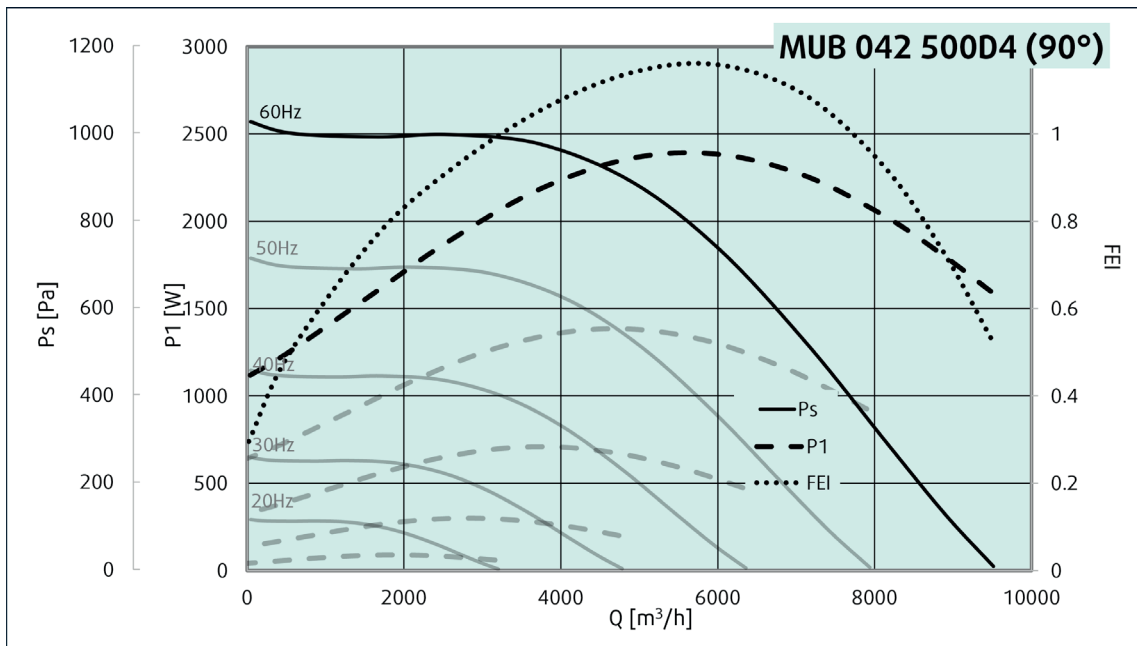
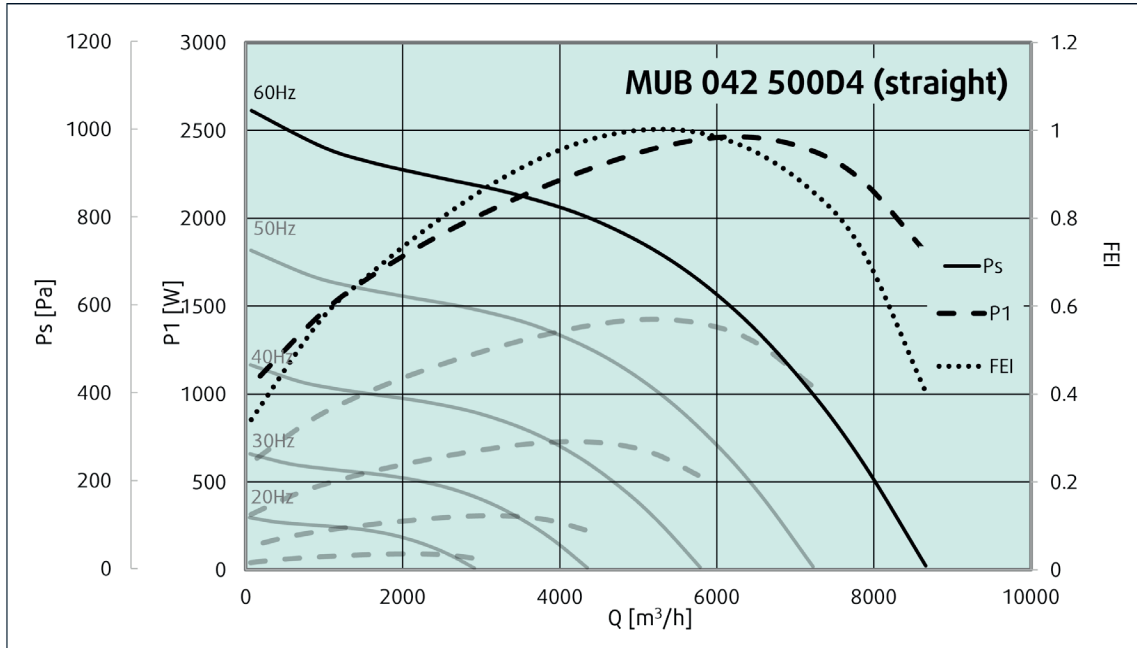


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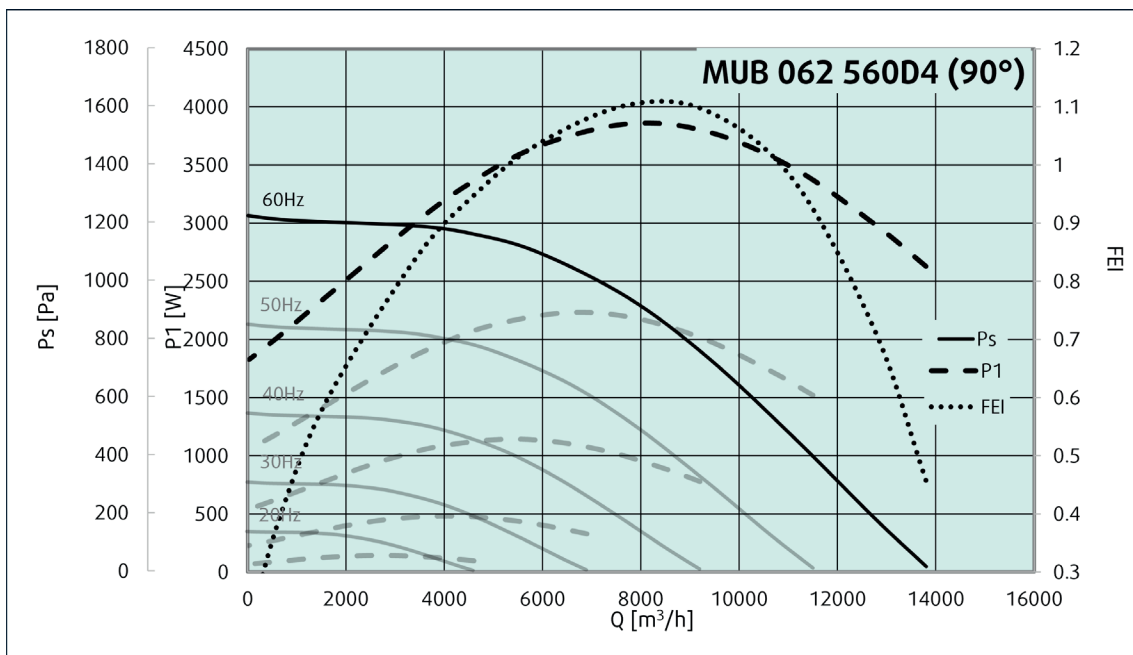
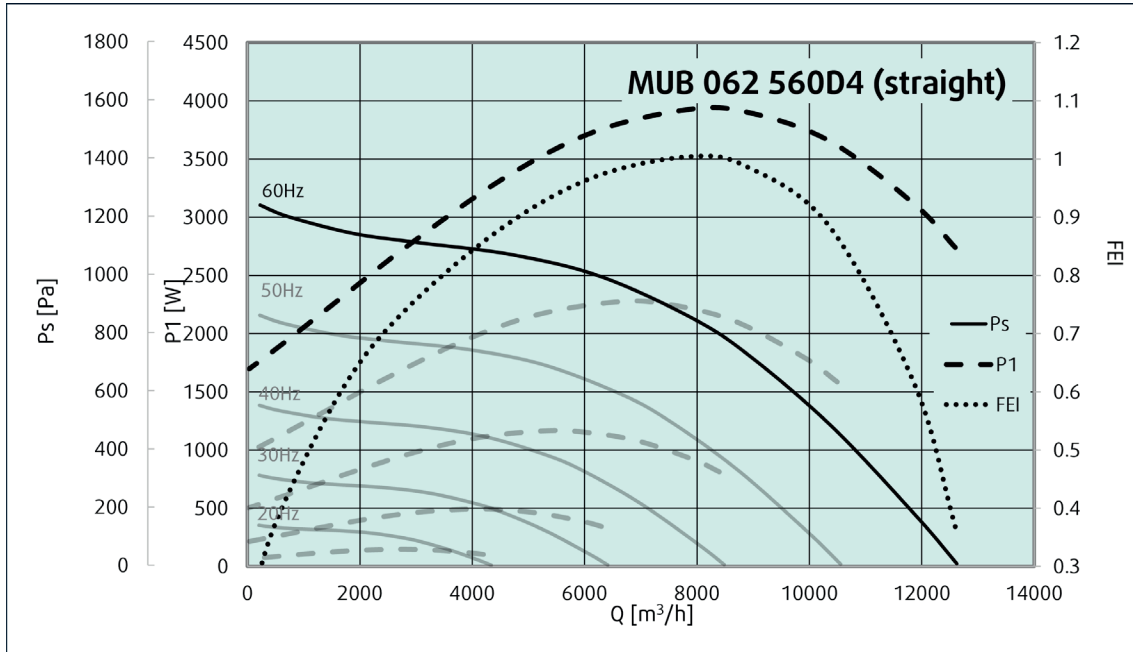


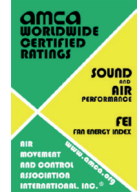
MUB 042 500D4



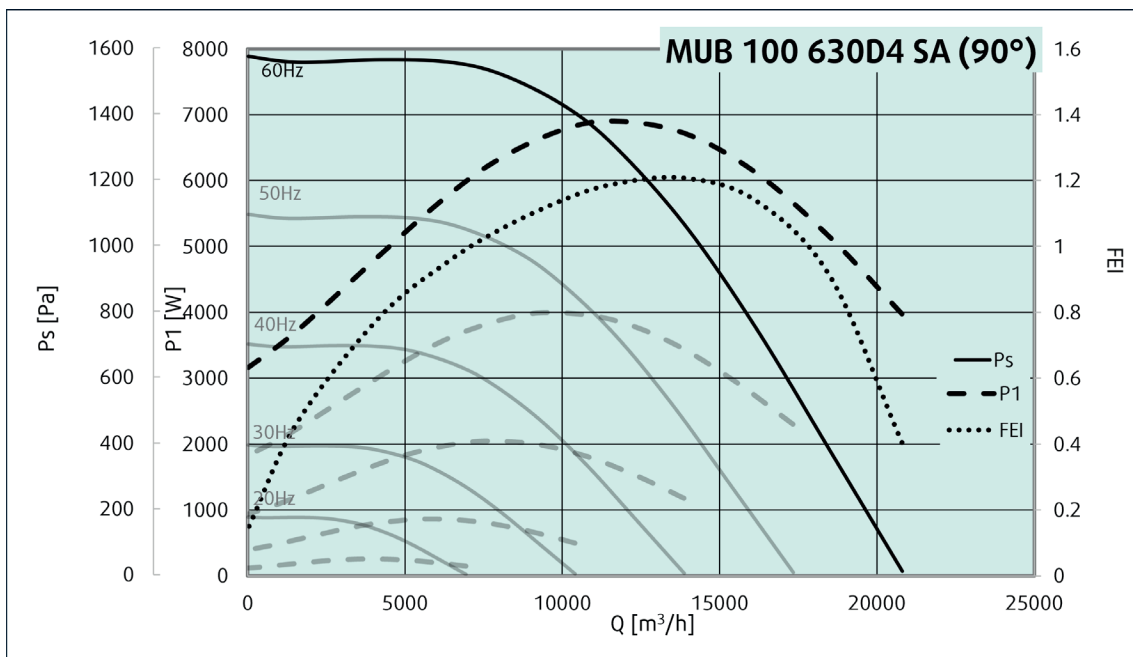
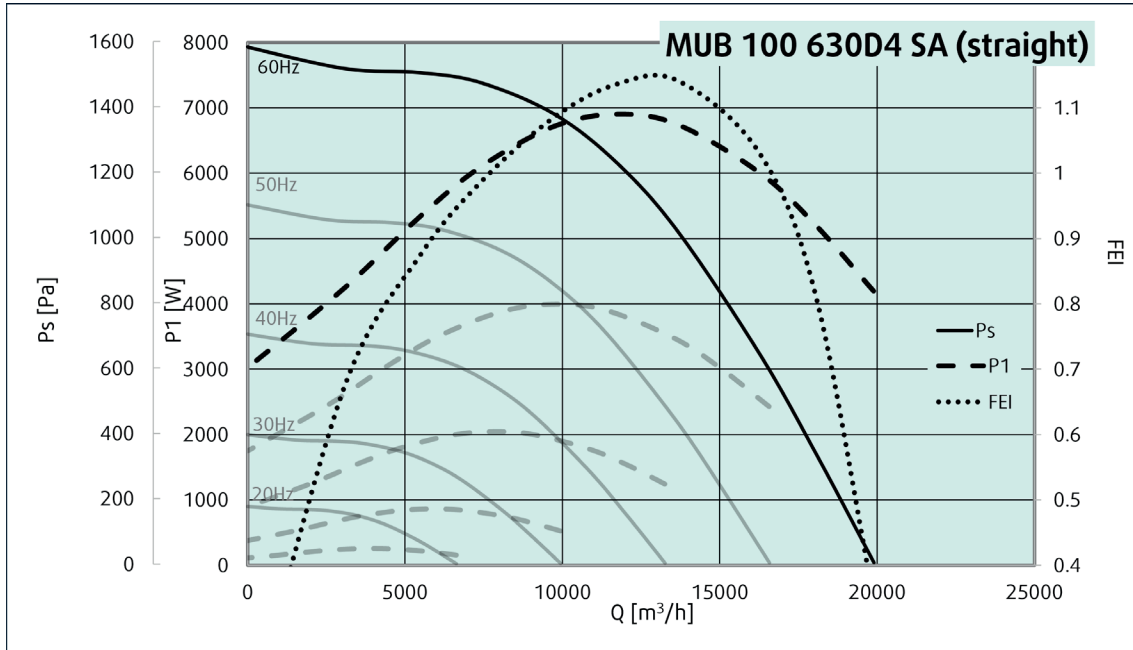


MUB 062 560D4





MUB 100 630D4 SA



Notes:

