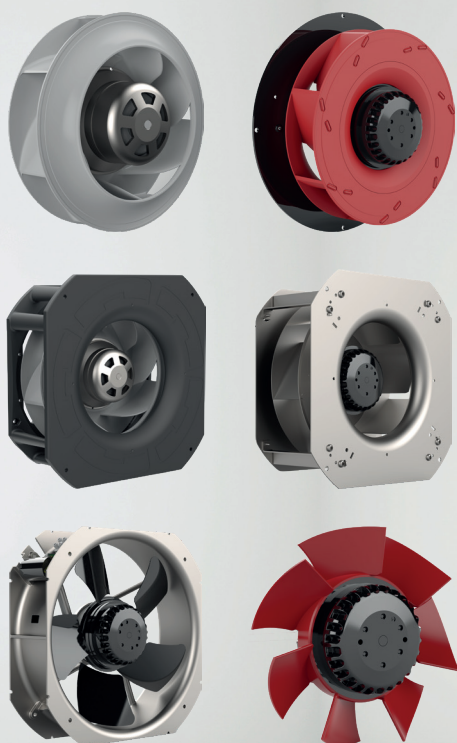


QUICK SELECTION GUIDE



U24-A3	230	50/60	0,73	87	129	3915	-
T37-B6	230	50/60	1,19	145	339	230	-
U24-B3	230	50/60	1,00	121	3350	-	-
N1-A2	230	50/60	1,18	150	2860	-	-
K19-A6	230	50/60	1,19	150	2965	-	-
Q13-B1	230	50/60	0,84	187	3015	-	-
P3-D0	200-277	50/60	1,19	266	3390	-	-
Q13-A2	200-277	50/60	0,99	222	207	-	-
P38-D1	200-277	50/60	0,94	291	2860	-	-
V15-A0	200-277	50/60	1,29	291	2860	-	-
R28-B3	200-277	50/60	1,29	291	2860	-	-



Welcome to our dear reader of our quick selection guide,

We have been designing, manufacturing and selling ECOFIT electric motors and fans since 1976. Thanks to a good understanding of your project, our know-how of more than 40 years and our added value as technical support, together we validate and optimize a customized solution that meets quality standards.

Our quick selection guide is designed to help you find your fan. You'll find all our centrifugal, axial, hot-air and crossflow fans in single-phase, three-phase and EC versions. They are also available in 120VAC with UL. All our fans can be customized to suit your needs. Don't hesitate to contact us at the start of your project development.

On request, we can also send you the fan's technical file, which also includes a drawing of the packaging.

Below is the meaning of some of the symbols used in the document:

- * : fan regularly on stock
- * : fan for low temperature
- ** : fan mounted with finger guard grill

From the fan code selected, you can find the technical data sheet on our Ecofit website under:



You can also find all the information in our Rovent 10 selection program. The prices mentioned in Rovent do not consider the quantities of your project. We will be pleased to send you a quotation on receipt of your request with the code and quantity required.



[How to install Rovent10](#)



[Download Rovent10 here](#)

Need help? We will be glad to help you by phone, e-mail or videoconference. Please do not hesitate to contact us.

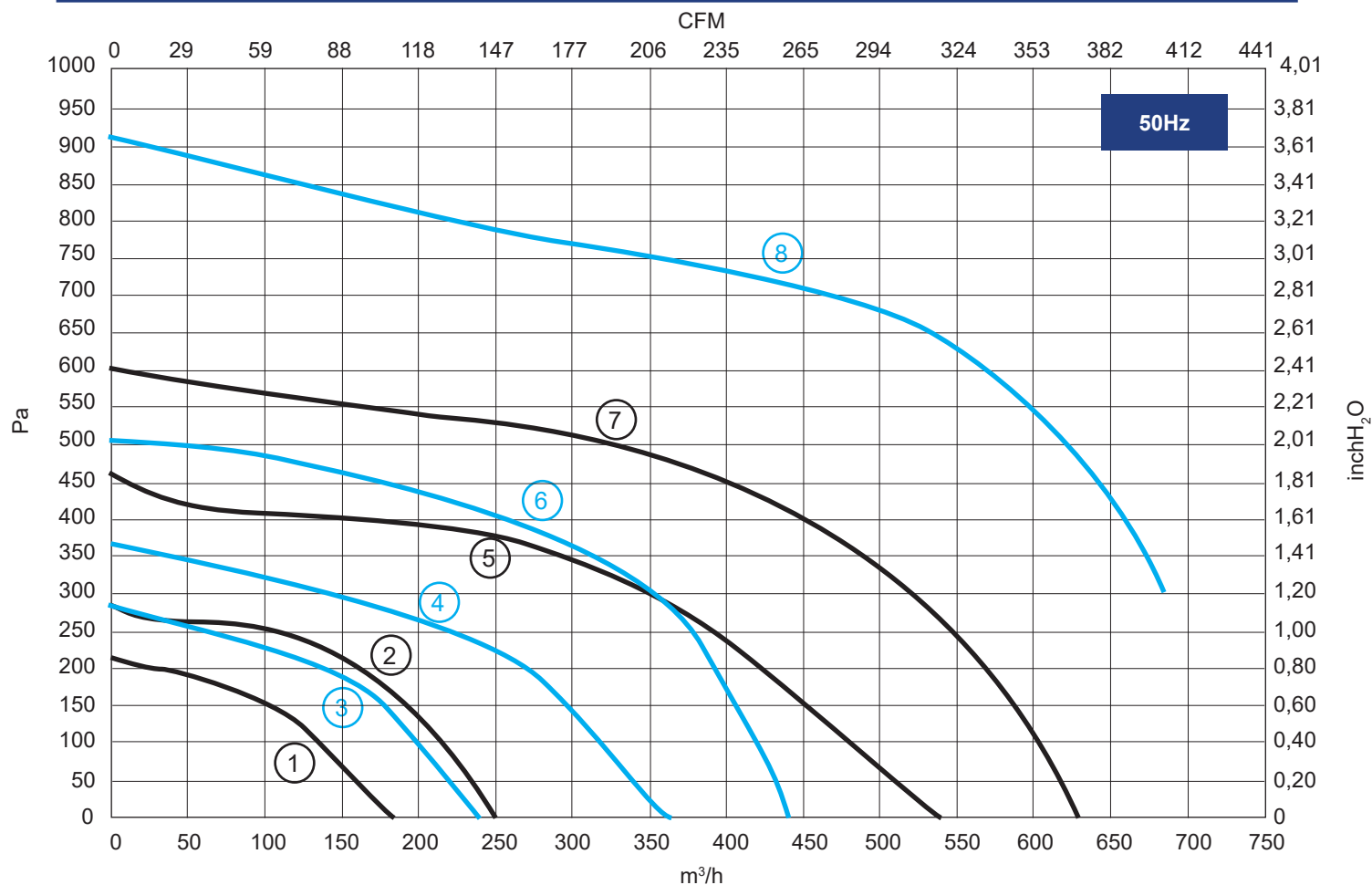
SUMMARY

SINGLE INLET CENTRIFUGAL FAN	4
AC 2 POLE	4
AC 4 POLE	6
EC	8
DOUBLE INLET CENTRIFUGAL FAN	10
AC 2 POLE	10
AC 4 POLE	12
EC	16
BACKWARD CENTRIFUGAL FAN	18
AC 2 POLE	18
AC 4 POLE	20
INVERSED AC 2 POLE	22
EC	24
AXIAL FAN	26
AC 2 POLE	26
AC 4 POLE	28
AC 2 POLE 3 PHASE	30
AC 4 POLE 3 PHASE	32
EC	34
HOT GASES AC	36
CROSS FLOW FANS	42
FAN'S REGISTER	44

SINGLE INLET CENTRIFUGAL AC 2 POLE



ECOFIT



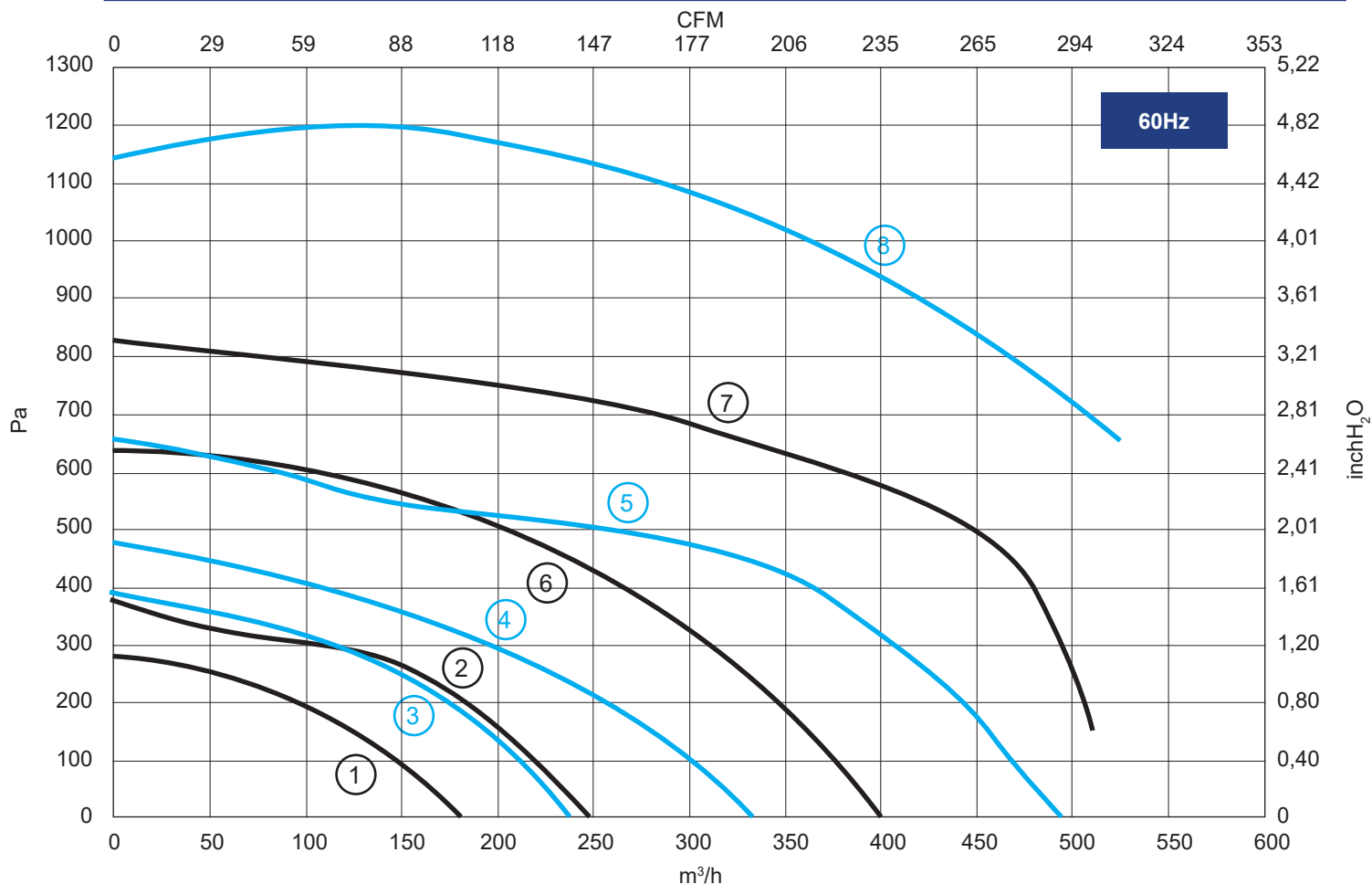
Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	C ±1 [mm]	IP
1	2xREA3 108x52R		230	50	0,18	40	2215	1,5	-20 / +70	62	IP44
				60	0,22	49	2255	1,5	-20 / +70		
2	2xREA3 120x62R		230	50	0,27	58	1715	2,0	-20 / +70	83	IP44
				60	0,32	67	1635	2,0	-20 / +70		
3	2xRE15 133x49R		230	50	0,32	73	2015	2,0	-20 / +70	67	IP44
				60	0,39	89	1980	2,0	-20 / +70		
4	2xRE15 140x59R		230	50	0,41	93	1470	2,0	-20 / +70	72	IP44
				60	0,44	101	1375	2,0	-20 / +65		
5	2xRE25 140x59R		230	50	0,78	174	2270	4,0	-20 / +70	72	IP44
				60	0,94	216	2100	4,0	-20 / +50		
6	2xRE35 160x62R		230	50	0,66	151	1430	3,5	-20 / +70	82	IP44
				60	0,71	162	1335	3,5	-20 / +50		
7	2xRE45 160x62R		230	50	1,19	268	2125	5,0	-20 / +70	96	IP44
				60	1,29	296	2355	5,0	-20 / +60		
8	2GRF65 180x52R		230	50	1,79	411	2145	8	-40 / +60	-	IP54
				60	1,8	413	2580	8	-40 / +40	-	

ErP 2015

Air density 1,20kg/m³



SINGLE INLET CENTRIFUGAL AC 2 POLE

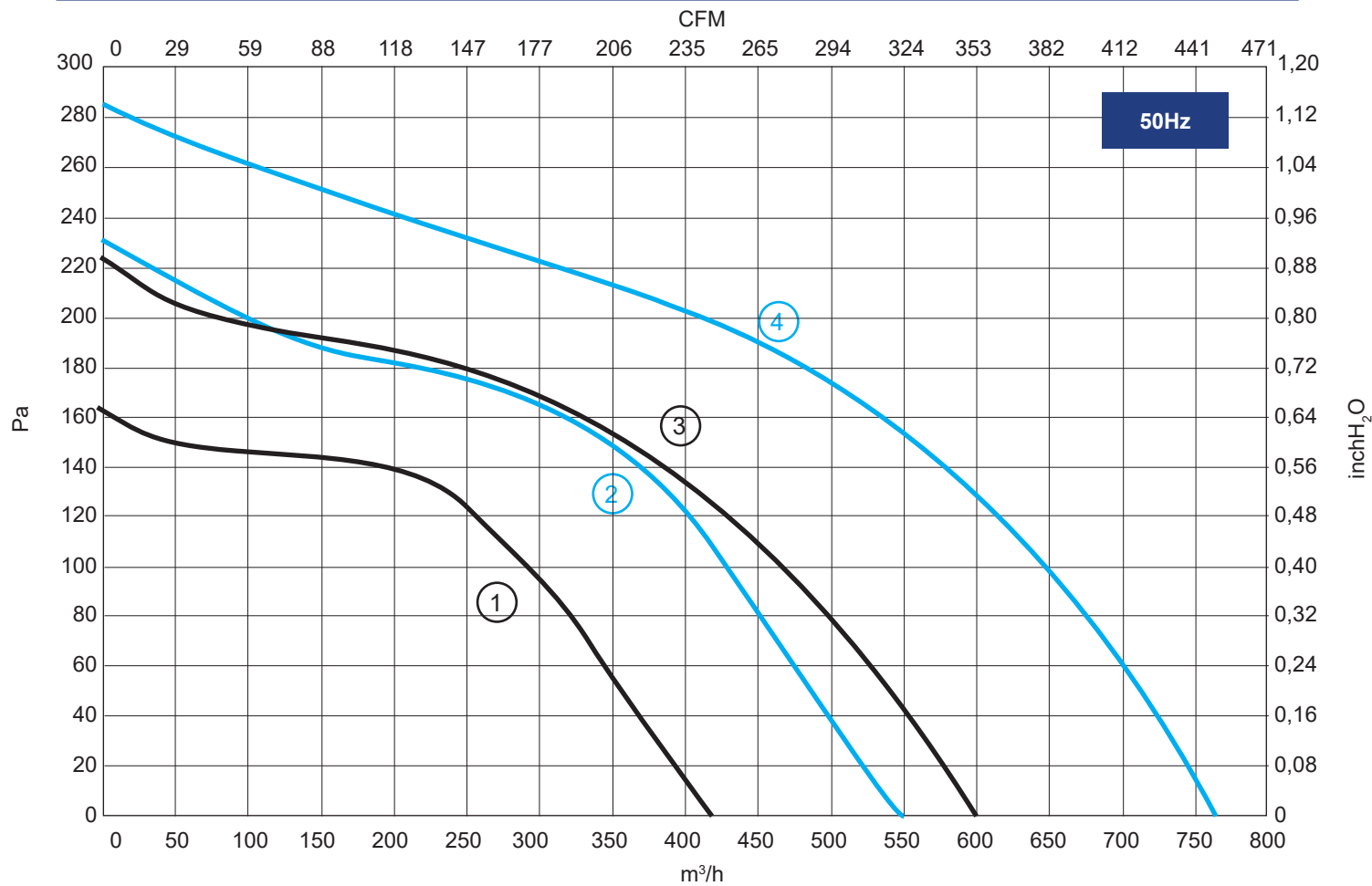


Curve	TRE		GRE		GRE		GRE/GRF		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Inlet cone PN	Cable length [mm]
	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty					
1	D25-A0	320					E37-A0*	336	19005	19005	21367	16203	300
2	D25-A1*	432	D25-B5	288	D25-B1	288	D25-A5*	288	19008	19008	21236	16104	900
3	Q10-22*	320	Q07-08	288	Q07-36	288	Q10-21*	288	19008	19008	21236	16091	900
4	K09-10*	160	Q07-10	136	Q07-38	136	N05-48*	136	19008	19008	21325	16043	900
5	Z10-12*	160	Z10-13	136	Z10-14	136	Z10-15	136	19019	19019	21325	16043	900
6	N05-55*	112	Q07-17	136	Q07-45	136	N05-56*	136	19049	19049	21325	16154	900
7	N15-A9*	224	N15-B0	136	N15-B1	136	N15-B2*	136	19107	19107	21291	16154	900
8							Y45-03*	72	19147	19147			580

More information about accessories:
*Regularly on stock



SINGLE INLET CENTRIFUGAL AC 4 POLE



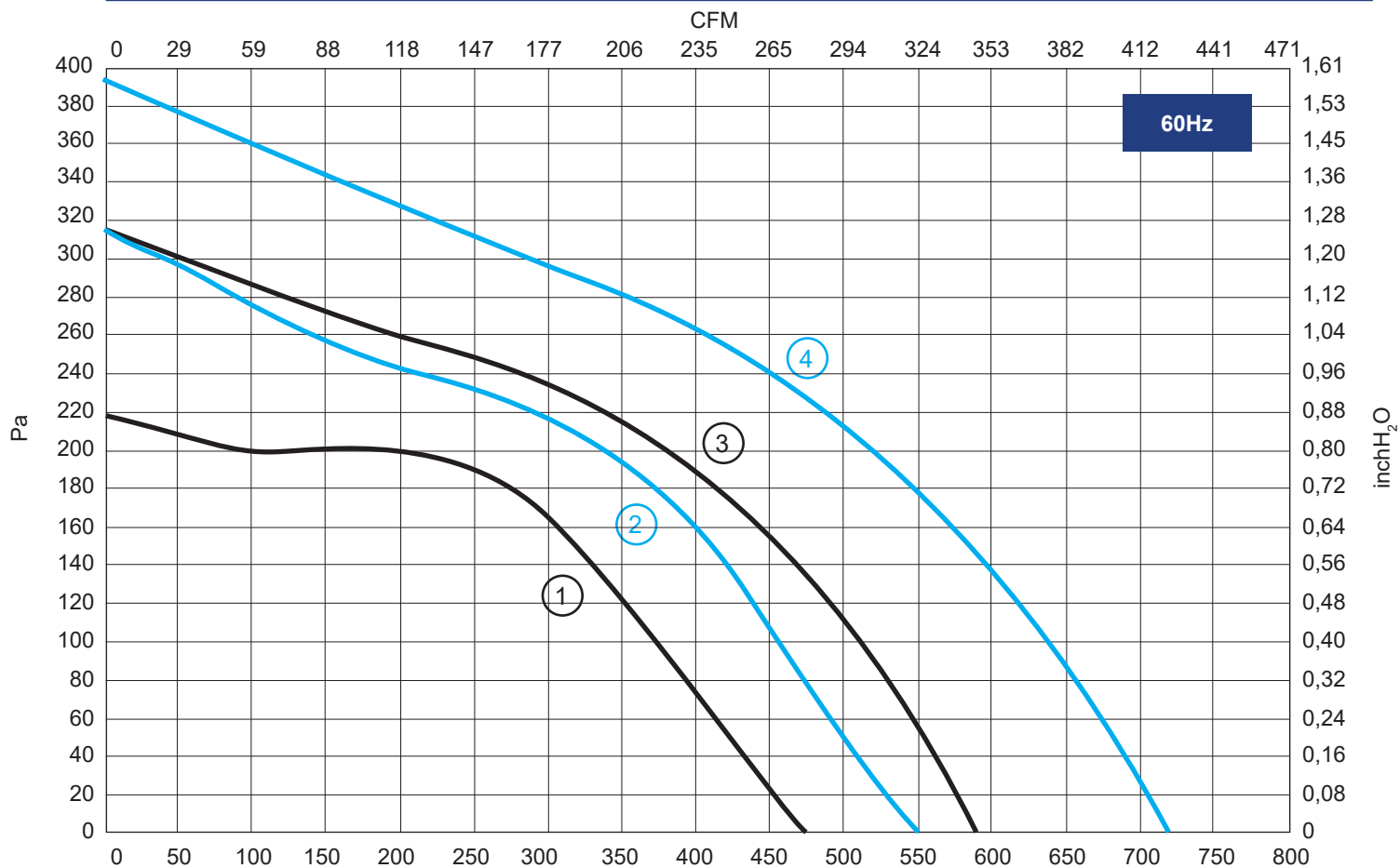
Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	C ±1 [mm]	IP
1	4xRE25 160x62R		230	50	0,31	71	1270	2,0	-20 / +70	72	IP44
				60	0,39	88	1390	2,0	-20 / +70		
2	4xRE25 180x75R		230	50	0,35	80	950	2,0	-20 / +70	87	IP44
				60	0,42	95	920	2,0	-20 / +70		
3	4xRE35 180x75R		230	50	0,47	106	1115	3,0	-20 / +70	87	IP44
				60	0,51	115	1110	2,5	-20 / +70		
4	4xRE45 200x75R		230	50	0,69	155	1020	4,0	-20 / +60	96	IP44
				60	0,74	169	970	3,5	-20 / +55		

ErP 2015

Air density 1,20kg/m³



SINGLE INLET CENTRIFUGAL AC 4 POLE



Curve	TRE		GRE		GRE		GRE		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Inlet cone PN	Cable length [mm]
	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty					
1	N05-61*	150	Q07-20	136	Q07-48	136	N05-62*	136	19008	19008	21325	16154	900
2	Y41-01	96	Y41-02	96	Y41-03	96	Y41-04	96	19008	19008	21194	16133	900
3	Y41-05	96	Y41-06	96	Y41-07	96	Y41-08	96	19012	19011	21194	16133	900
4	L21-A1	105							19019	19049	21196	16009	900

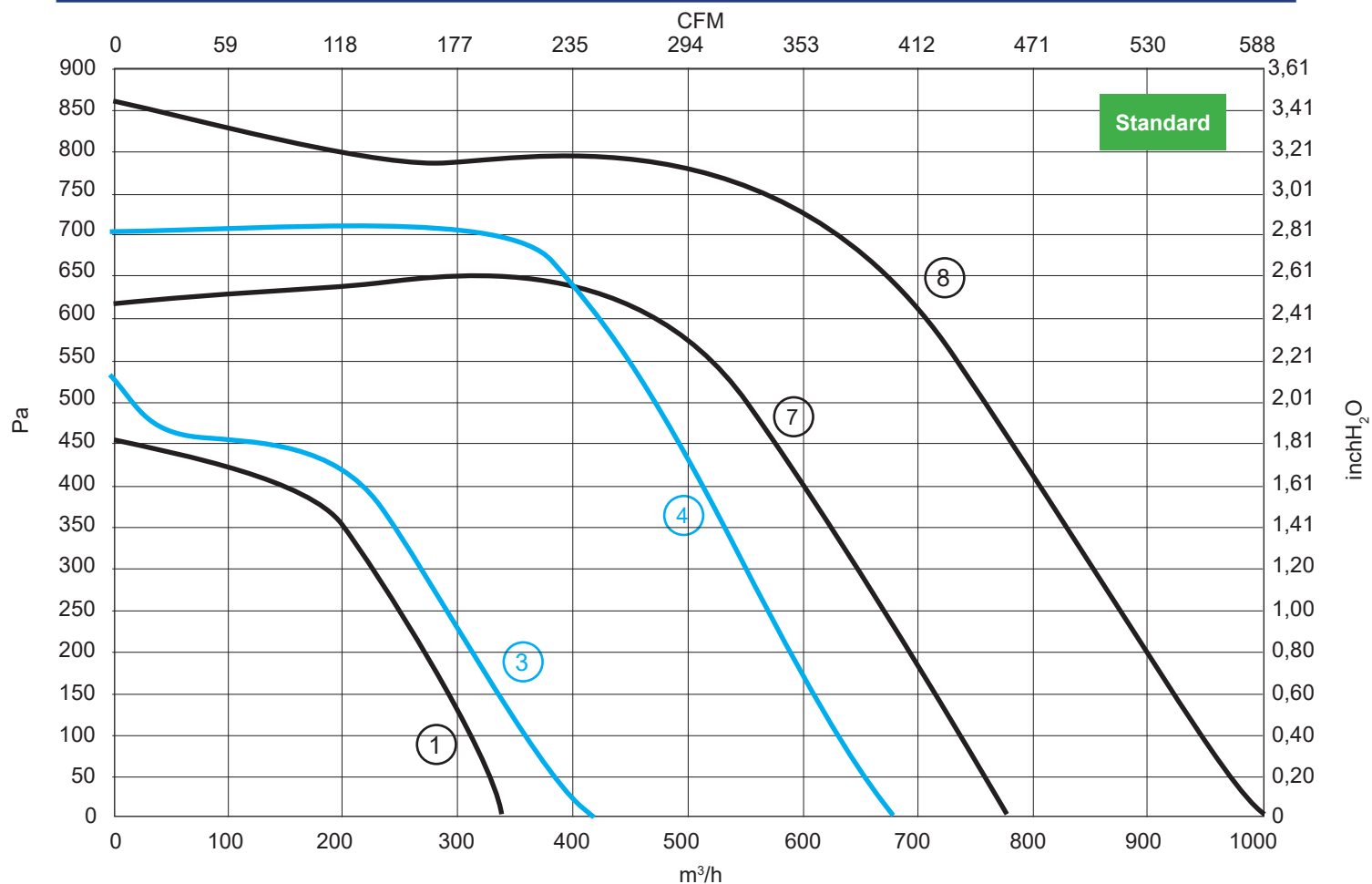
More information about accessories:
*Regularly on stock



SINGLE INLET CENTRIFUGAL EC



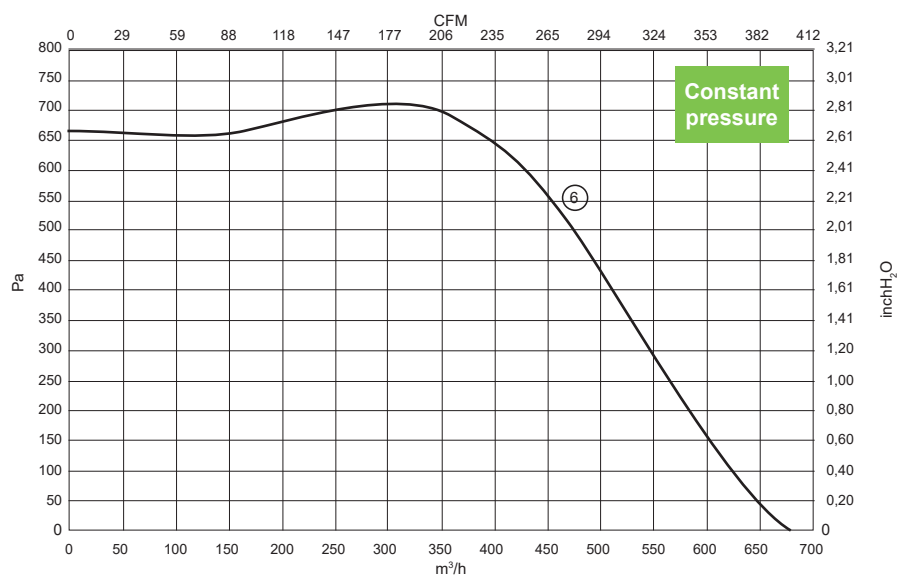
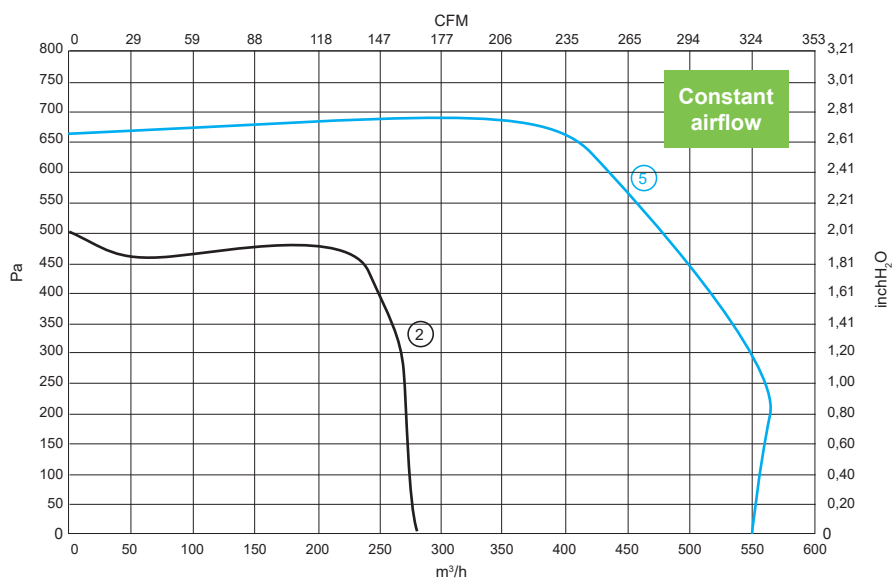
ECO FIT



Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	T [C°]	C ±1 [mm]	IP
1	xREF5 120x62R		230	50/60	0,68	81	2580	-20 / +60	83	IP54
2	xREF5 120x62R		230	50/60	0,43	48	2280	-20 / +60	81	IP54
3	xREF5 140x59R		230	50/60	0,67	80	1880	-20 / +60	78	IP54
4	xREG9 160x62R		230	50/60	1,33	170	2000	-20 / +50	81	IP54
5	xREG9 160x62R		230	50/60	0,49	178	1640	-20 / +50	81	IP54
6	xREG9 160x62R		230	50/60	1,35	170	2000	-20 / +50	-	IP54
7	xREV8 160x62R		230	50/60	1,33	300	2695	-20 / +60	-	IP54
8	xREV8 180x75R		230	50/60	1,32	300	2040	-20 / +60	-	IP54

ErP 2015

Air density 1,20kg/m³

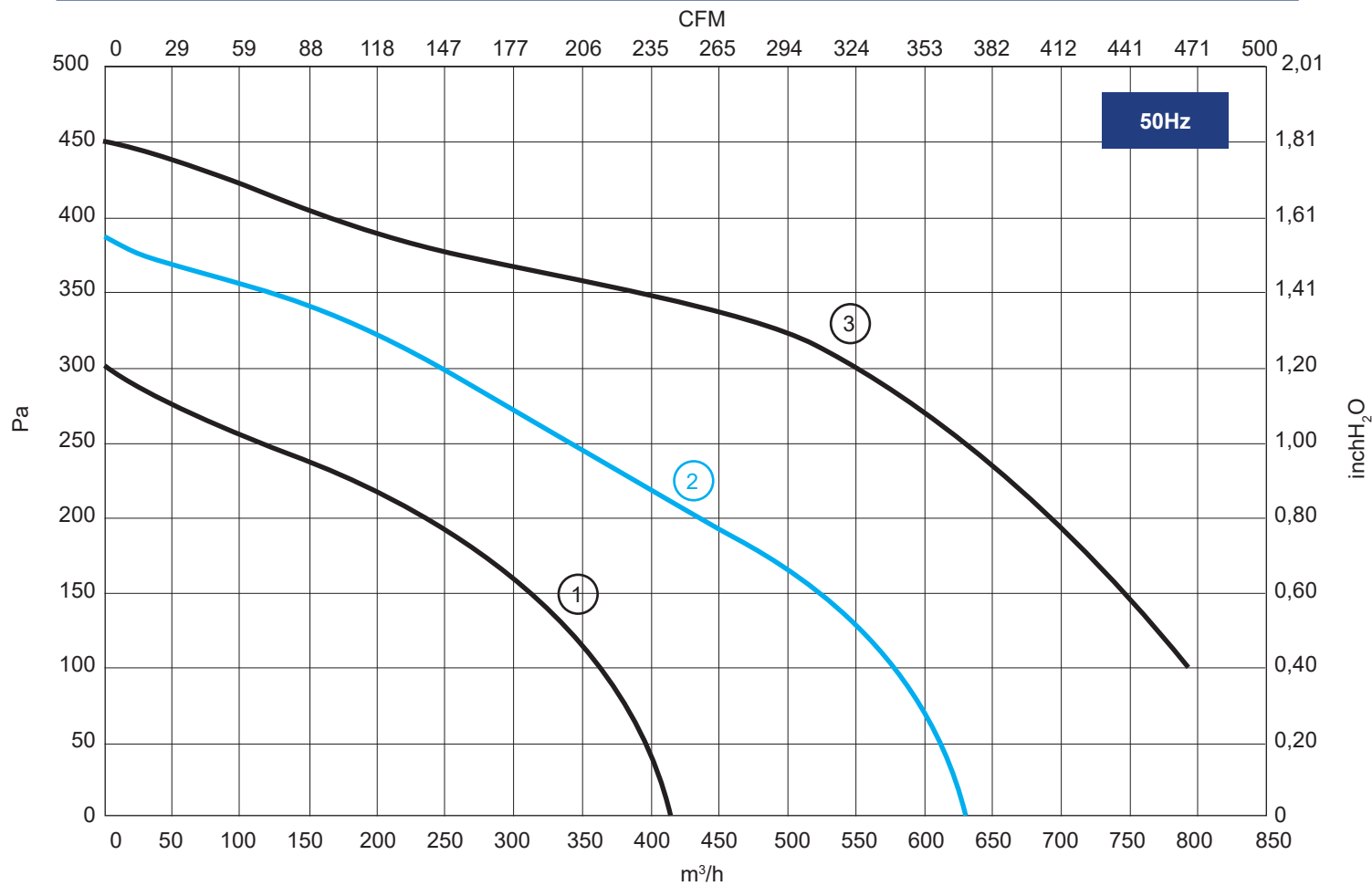


Curve	TRE		GRE		GRE		Finger guard PN	Inlet cone PN	Cable length [mm]
	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty			
1	T37-A1	288	T37-A2	192	T37-A6	216		16104	500
2					T37-F7	216	21236		500
3	T37-C7	160			T37-A7	120	21325	16043	500
4	Z21-C6*	196	Z21-B8	120	Y02-D6*	120	21325		900
5	Z21-C5*	196	Z21-B7*	120	Y02-D8*	120	21325		900
6			Z21-B9	120	Z21-B6	120	21325		900
7			Q38-A0	104	Q38-A1	80	21325		900
8			Q38-A2	80	Q38-A3	64	21194		900

More information about accessories:
*Regularly on stock



DOUBLE INLET CENTRIFUGAL AC 2 POLE



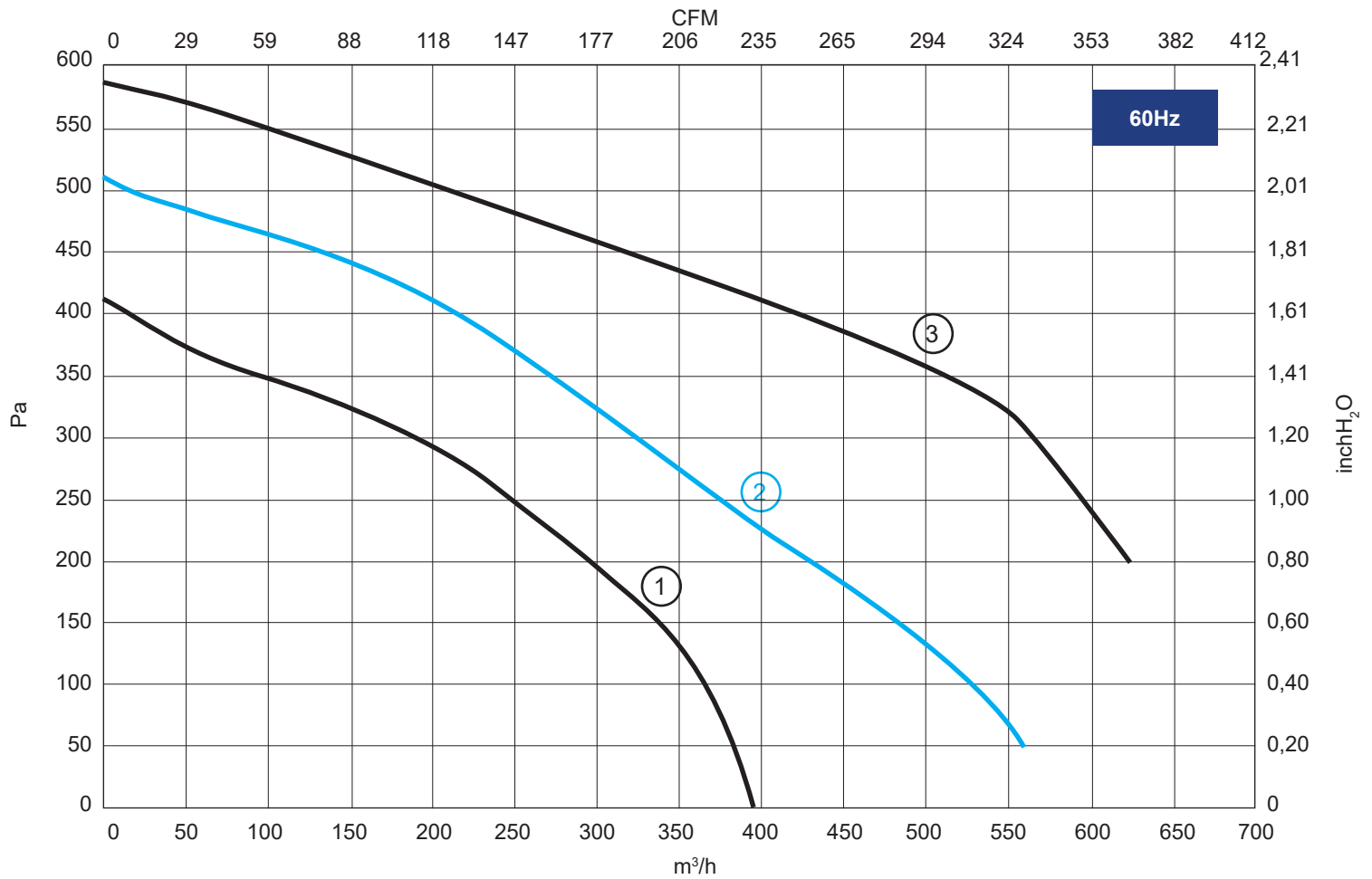
Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	IP
1	2GDS15 120x126L		230	50	0,44	101	1695	2,5	-20 / +70	IP44
				60	0,50	114	1620	2,5	-20 / +70	
2	2GDS25 133x190R		230	50	0,74	169	1355	4,0	-20 / +60	IP44
				60	0,77	177	1465	4,0	-20 / +60	
3	2GDS35 133x190L		230	50	0,94	215	1735	4,0	-20 / +60	IP44
				60	0,98	224	2130	4,0	-20 / +40	

ErP 2015

Air density 1,20kg/m³



DOUBLE INLET CENTRIFUGAL AC 2 POLE

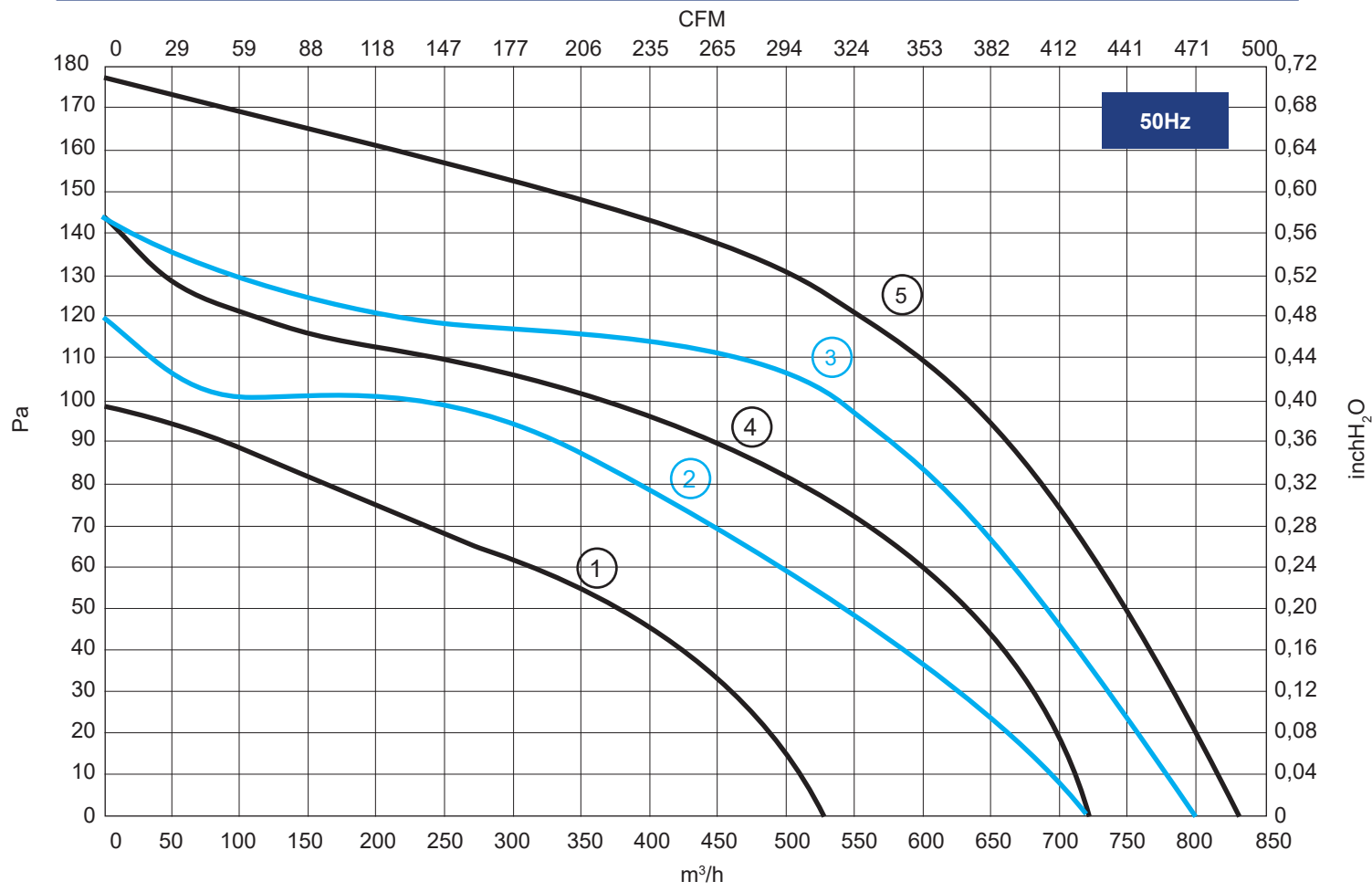


Curve	GDS		GDS		GDS		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Cable length [mm]
	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty				
1	Y43-05*	140	Z18-07	140	Z18-16	140	19011	19011	21237	800
2	Y43-06*	90	Z18-08	90	Z18-17*	90	19019	19019	21236	800
3	L23-A6*	60	L23-A7*	60	L23-A8*	60	19019	19019	21338	800

More information about accessories:
*Regularly on stock



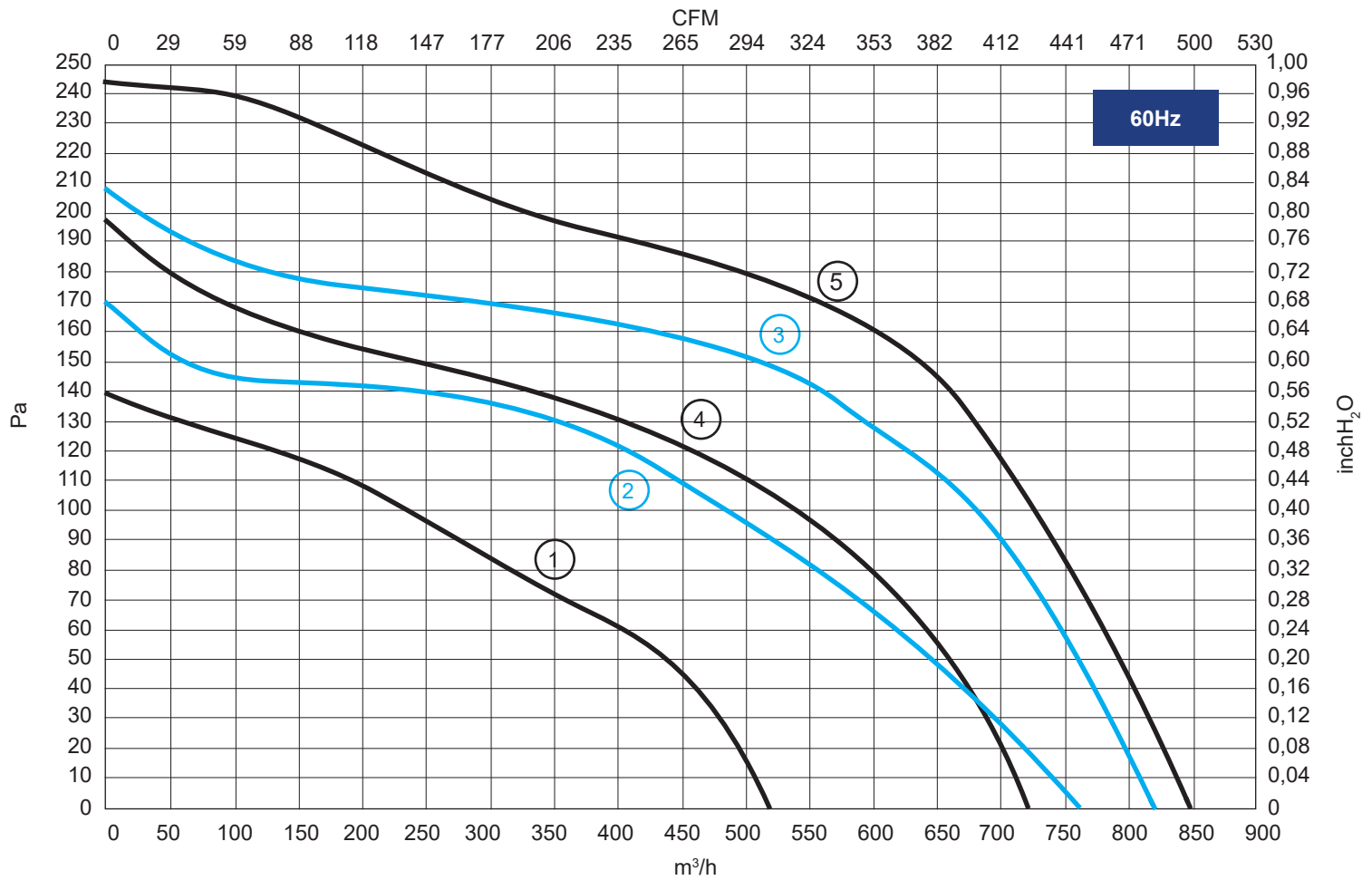
DOUBLE INLET CENTRIFUGAL AC 4 POLE



Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	IP
1	4GDS25 133x190LR		230	50	0,28	62	1105	2,5	-20 / +70	IP44
				60	0,28	63	1085	2,0	-20 / +70	
2	4GDS25 133x190L		230	50	0,35	78	1140	2,0	-20 / +70	IP44
				60	0,41	94	1200	2,0	-20 / +70	
3	4GDS25 146x180L		230	50	0,46	103	1190	2,5	-20 / +70	IP44
				60	0,54	124	1220	2,5	-20 / +60	
4	4GDS25 146x216L		230	50	0,35	80	990	2,0	-20 / +70	IP44
				60	0,41	93	980	2,0	-20 / +70	
5	4GDS35 160x160L		230	50	0,48	110	1085	3,0	-20 / +70	IP44
				60	0,60	136	1120	3,0	-20 / +70	

ErP 2015

Air density 1,20kg/m³

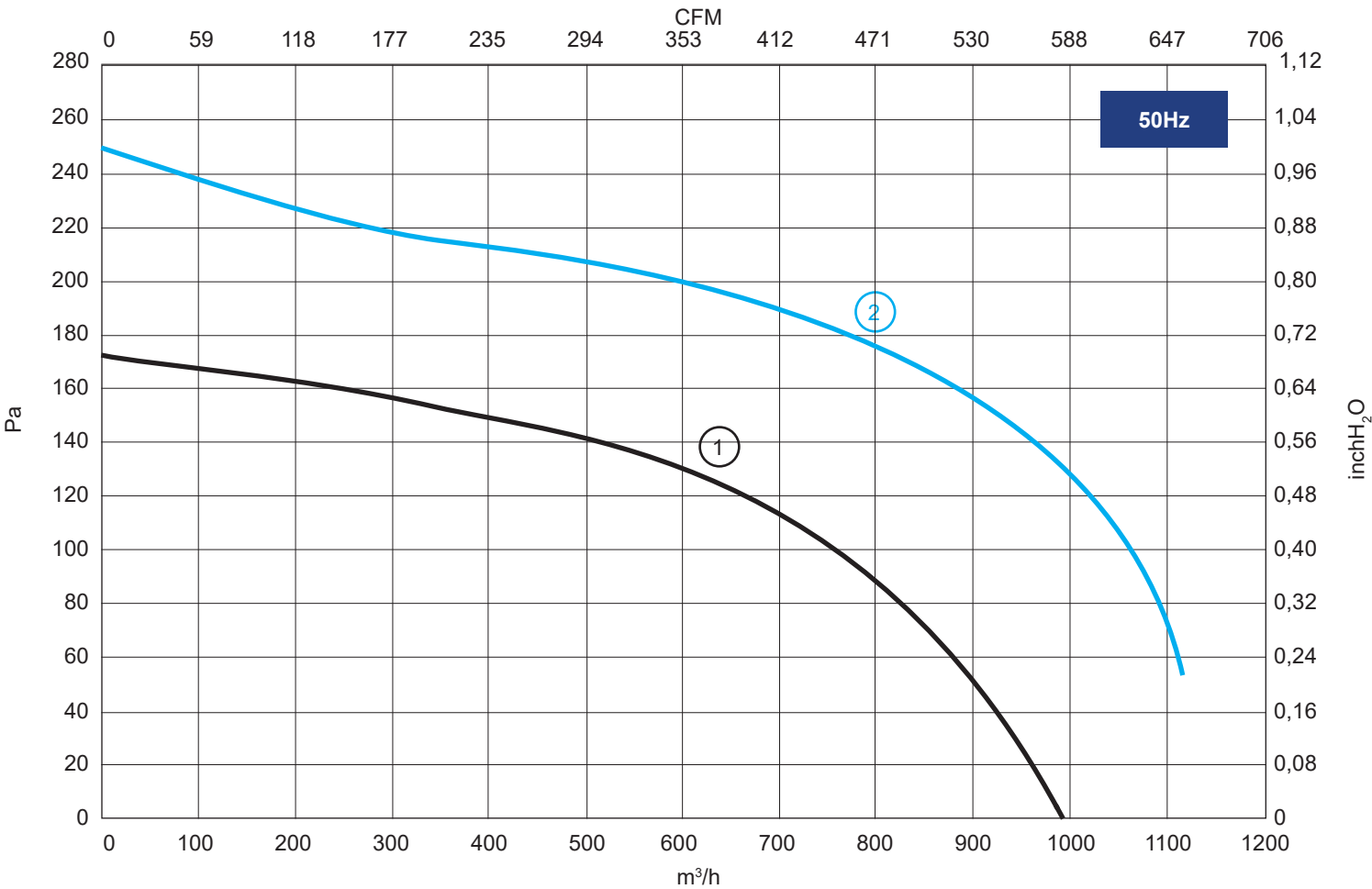


Curve	GDS		GDS		GDS		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Cable length [mm]
	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty				
1	I32-A7	90	I32-A8	90	I32-A9*	90	19011	19008	21236	800
2	Y43-09	60	Z18-12	60	Z18-21	60	19008	19008	21338	800
3	Y43-10	60	Z18-13	60	Z18-22*	60	19011	19011	21338	800
4	Z18-05	56	Z18-14	56	Z18-23	48	19008	19008	21338	800
5	Z18-06	60	Z18-15	45	Z18-24	45	19012	19012	21325	800

More information about accessories:
*Regularly on stock



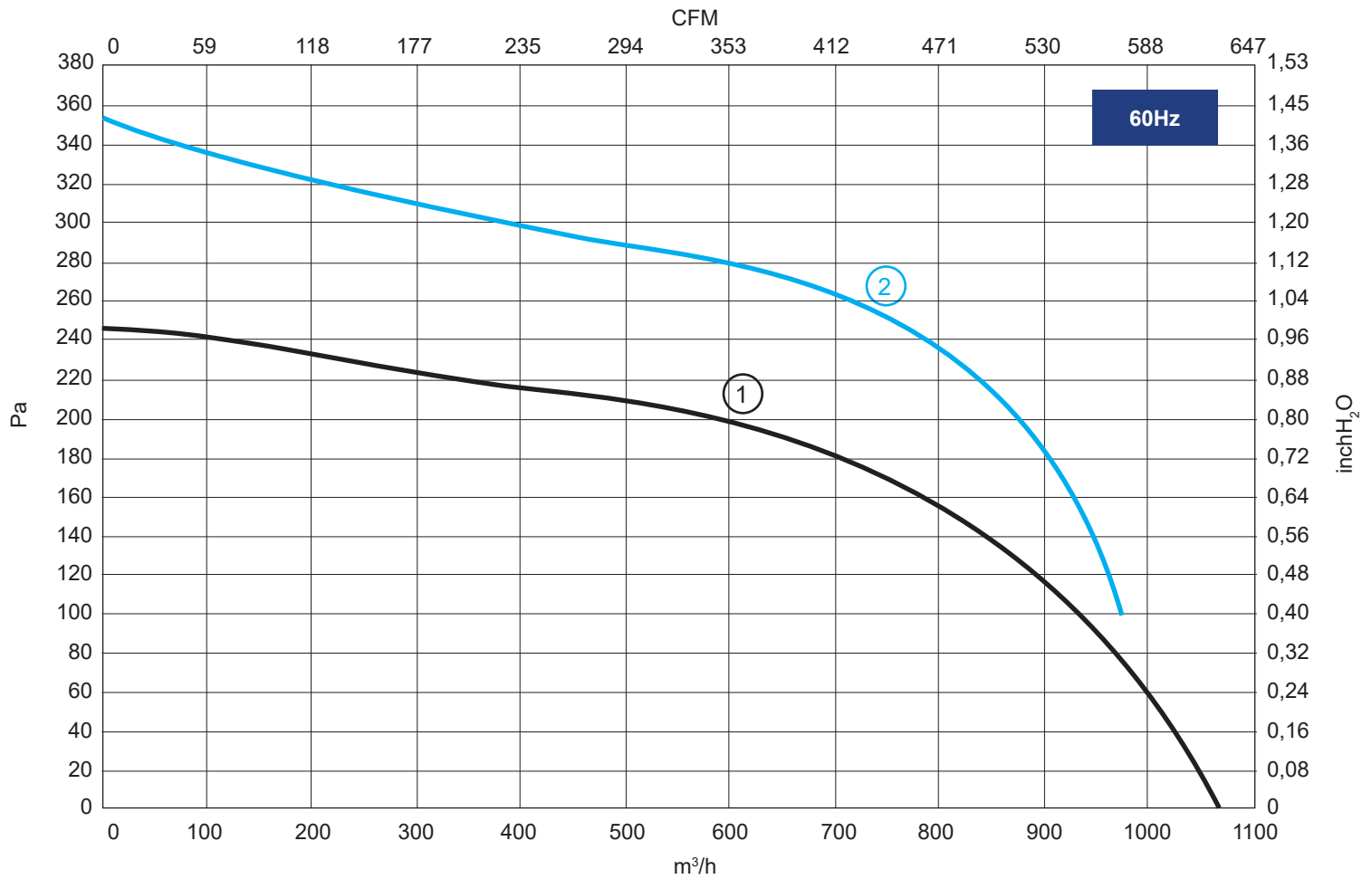
DOUBLE INLET CENTRIFUGAL AC 4 POLE



Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [µF]	T [C°]	IP
1	4GDF55 160x160L		230	50	0,70	157	1300	5,0	-20 / +50	IP54
				60	0,92	210	1430	5,0	-20 / +50	
2	4GDF65 180x180L		230	50	0,87	192	1020	6,0	-20 / +60	IP54
				60	0,86	194	1105	6,0	-20 / +60	

ErP 2015

Air density 1,20kg/m³



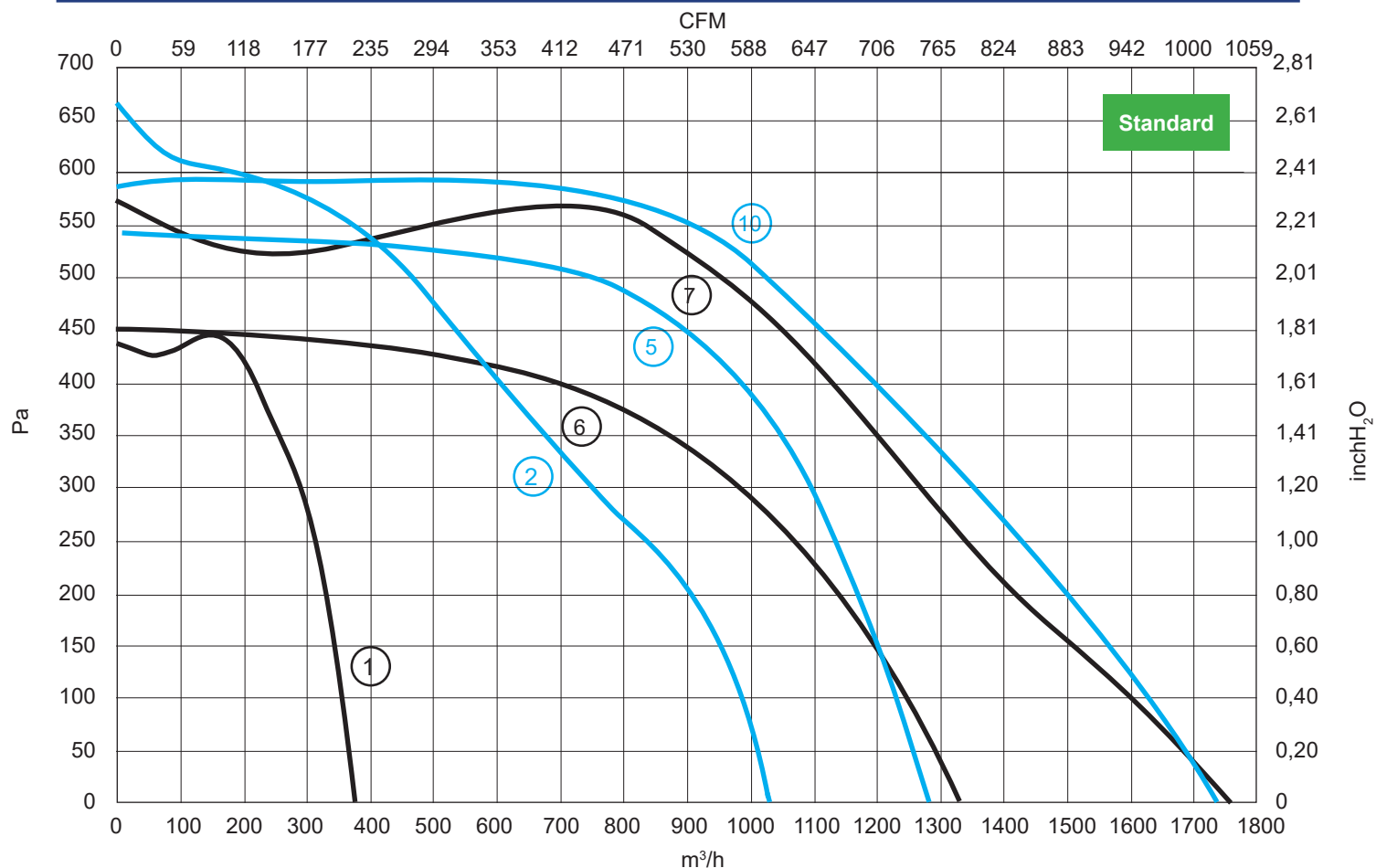
Curve	GDF		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Connector	capacitor
	Code	Pal. Qty					
1	L11-B1	45	19107	19107	21291	Mounted on the housing	
2	N17-A3	36	19016	19016	21291		



More information about accessories:
*Regularly on stock



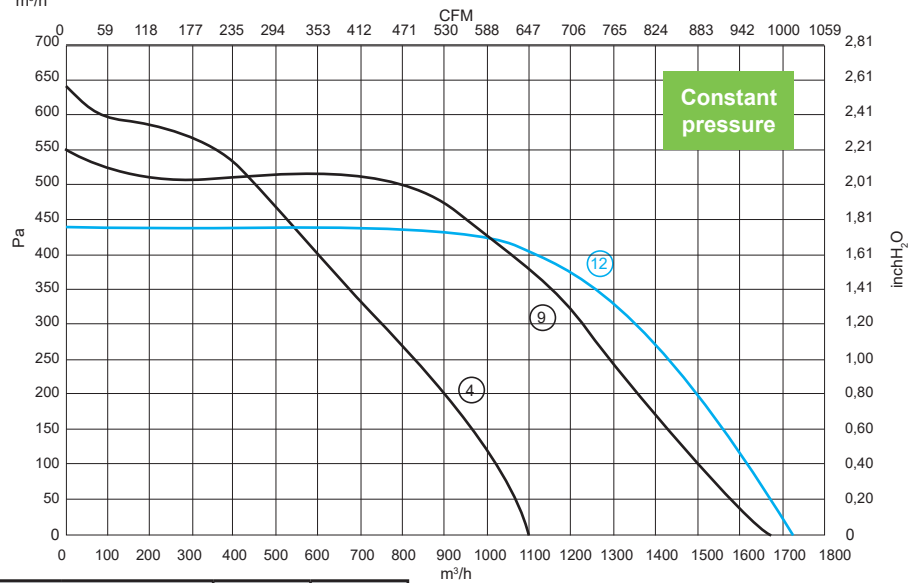
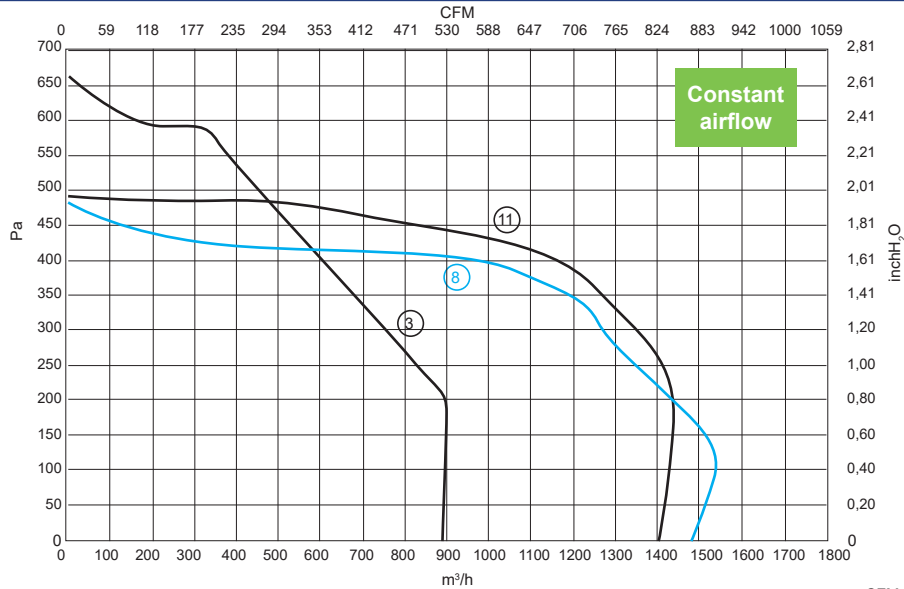
DOUBLE INLET CENTRIFUGAL EC



Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	T [C°]	IP
1	GDRF5 120x126L		230	50/60	0,50	57	1915	-20 / +60	IP54
2	GDSG9 146x188R		230	50/60	1,25	177	1615	-20 / +50	IP54
3	GDSG9 146x188R		230	50/60	0,59	73	1225	-20 / +50	IP54
4	GDSG9 146x188R		230	50/60	1,18	177	1505	-20 / +50	IP54
5	GDSV8 146x188L		230	50/60	1,32	300	2205	-20 / +60	IP54
6	GDSV8 160x160L		230	50/60	1,32	300	2025	-20 / +60	IP54
7	GDSV8 160x242L		230	50/60	1,33	300	1620	-20 / +60	IP54
8	GDSV8 160x242L		230	50/60	0,80	179	1360	-20 / +60	IP54
9	GDSV8 160x242L		230	50/60	1,34	300	1665	-20 / +60	IP54
10	GDSV8 180x180L		230	50/60	1,26	285	1445	-20 / +60	IP54
11	GDSV8 180x180L		230	50/60	0,71	157	1160	-20 / +60	IP54
12	GDSV8 180x180L		230	50/60	1,26	283	1435	-20 / +60	IP54

ErP 2015

Air density 1,20kg/m³



Curve	GDR/GDS		GDR/GDS		Finger guard PN	Cable length [mm]
	Code	Pal. Qty	Code	Pal. Qty		
1	T37-A9	140	T37-B1	140	21237	440
2	Z21-A5	60	Z21-A7	60	21338	780
3	Y12-A0*	60	Z21-A9	60	21338	780
4	Z21-A6	60	Z21-A8	60	21338	780
5	Q37-C0	60	Q37-C3	60	21290	780
6	Q37-C6	45	Q37-C9	45	21291	780
7	Q12-A1	37	Q10-A4*	37	21291	780
8	Q37-A4	37	Q37-A6	37	21291	780
9	Q37-A5	37	Q37-A7	37	21291	780
10	Q37-A8	36	Q37-B1	36	21291	780
11	Q37-A9	36	Q37-B2	36	21291	780
12	Q37-B0	36	Q37-B3	36	21291	780

More information about accessories:

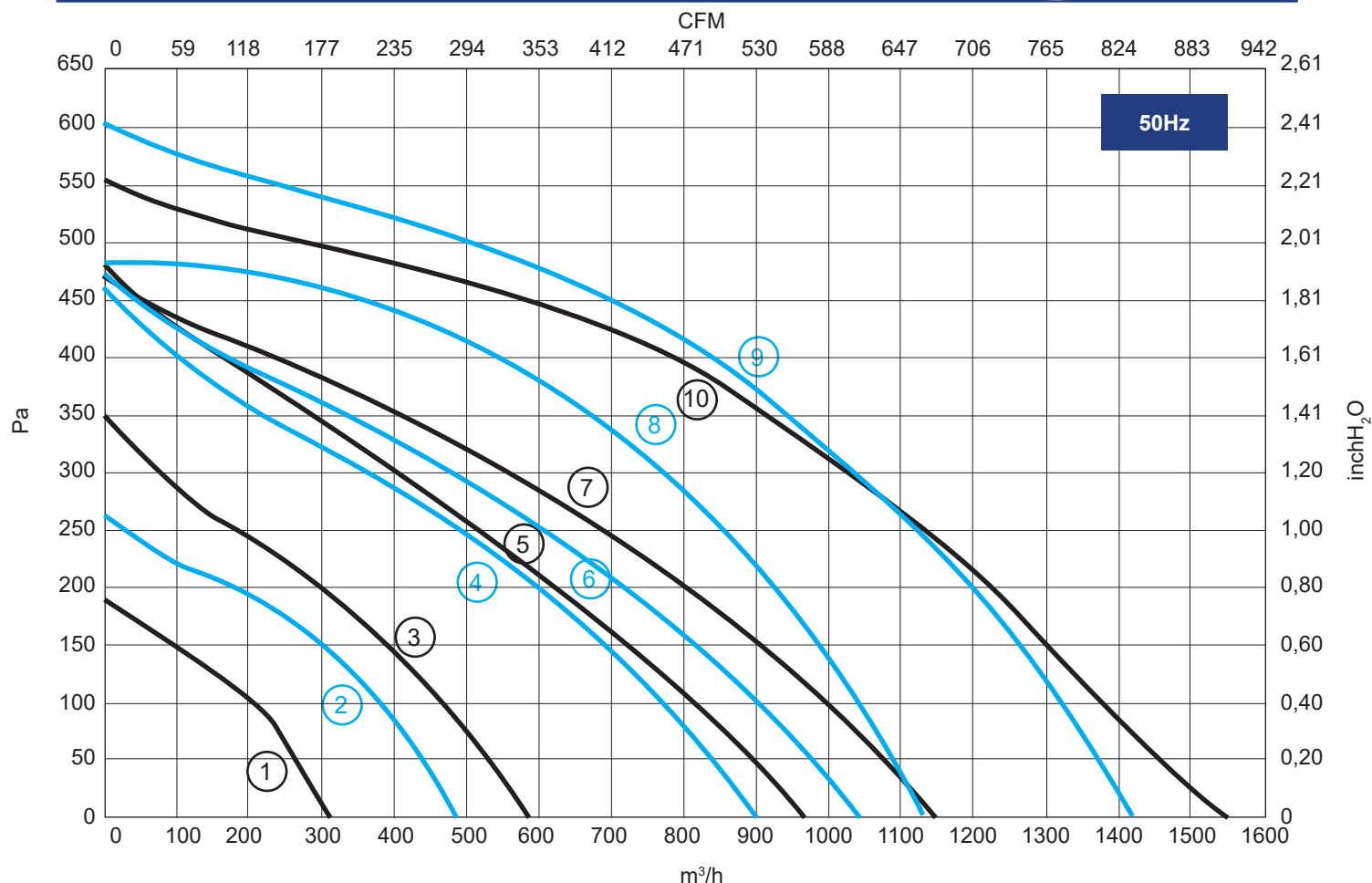
*Regularly on stock



BACKWARD CENTRIFUGAL AC 2 POLE



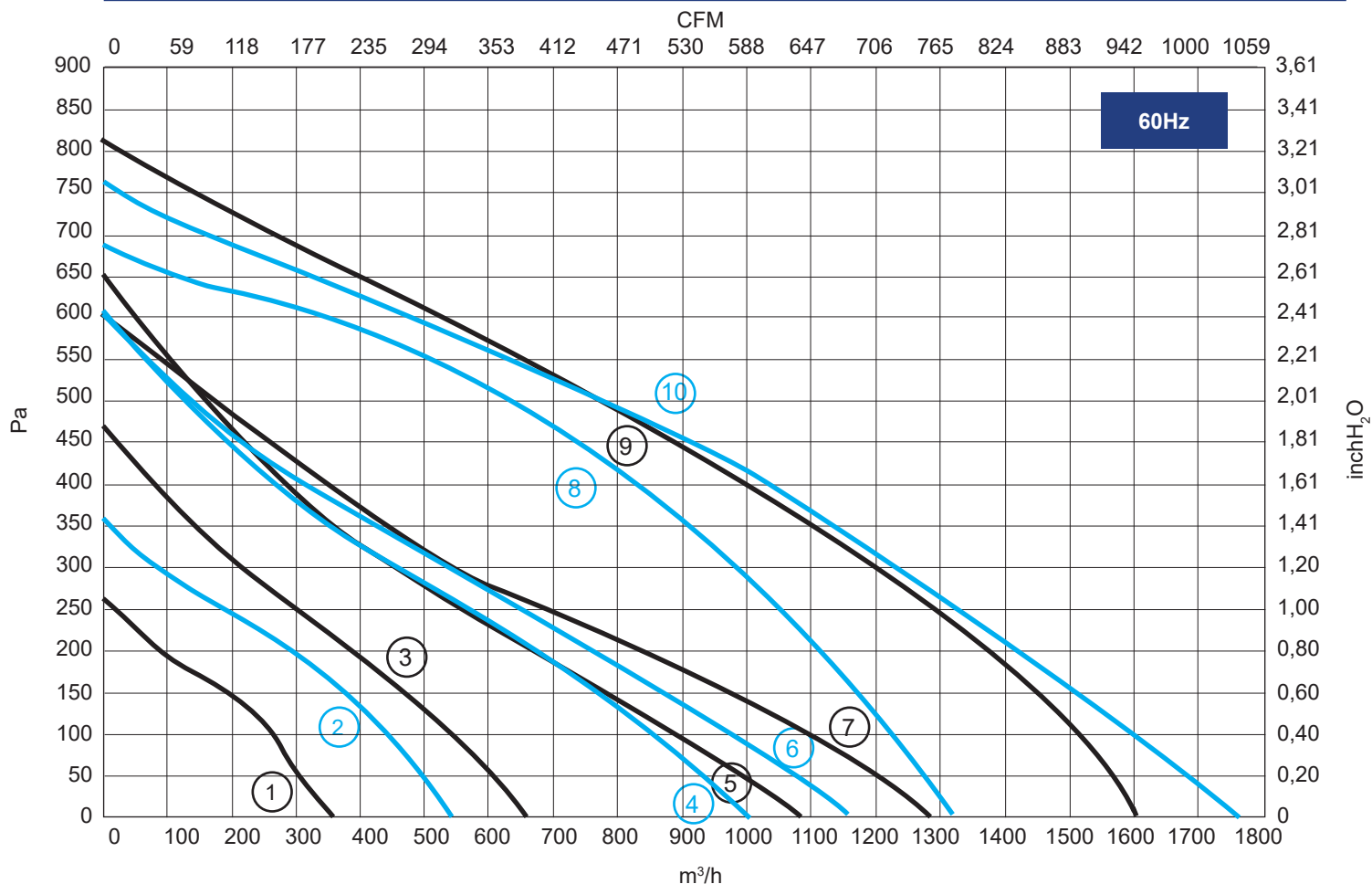
ECOFIT



Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	C ±1 [mm]	IP
1	2RRxA3 133x42R		230	50	0,11	23	2695	1,0	-20 / +70	91	IP44
				60	0,13	28	3125	1,0	-20 / +70		
2	2RRx15 175x42R		230	50	0,22	48	2550	2	-20 / +70	68	IP44
				60	0,22	50	2840	1,5	-20 / +70		
3	2RRx15 192x40R		230	50	0,27	59	2510	2,0	-20 / +70	70	IP44
				60	0,31	70	2825	2,0	-20 / +70		
4	2RRx25 220x43R		230	50	0,38	85	2550	3,0	-20 / +70	72	IP44
				60	0,51	115	2805	3,0	-20 / +70		
5	2RRx25 225x40R		230	50	0,40	84	2665	2,5	-20 / +70	79	IP44
				60	0,49	112	2975	2,5	-20 / +70		
6	2RRx25 225x50R		230	50	0,43	97	2555	4,0	-20 / +70	99	IP44
				60	0,58	130	2810	4,0	-20 / +70		
7	2RRx35 225x50R		230	50	0,40	90	2710	4,0	-20 / +70	99	IP44
				60	0,57	124	3065	4,0	-20 / +70		
8	2RRx45 225x50R		230	50	0,49	110	2860	4,0	-20 / +70	99	IP44
				60	0,72	165	3315	4,0	-20 / +70		
9	2RRx45 250x50R		230	50	0,68	156	2775	6,0	-20 / +70	102	IP44
				60	1,02	230	3160	6,0	-20 / +70		
10	2RRx45 250x50R		230	50	0,68	153	2760	6,0	-20 / +70	102	IP44
				60	0,97	220	3140	6,0	-20 / +70		

ErP 2015

Air density 1,20kg/m³



Curve	RRE		RRM		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Inlet cone PN	Cable length [mm]
	Code	Pal. Qty	Code	Pal. Qty					
1	D04-A4*	320			19040	19040	21367	16203	300
2	Z35-A4	240			19005	19008		16290	900
3	U24-A2*	240			19008	19008	21181	16290	900
4	U24-C6*	150			19012	19012		16291	900
5	H06-16*	105			19011	19011	21194	16133	900
6	M23-B1	105			19019	19019	21194	16236	900
7	L47-A2*	105	S05-B1	48	19019	19019	21194	16236	900
8	M23-B0	105			19019	19019	21194	16236	900
9	L47-A3*	84	N08-A7	24	19016	19016	21360	16234	900
10	P18-A0	84	R27-A7	24	19016	19016	21360	16234	900

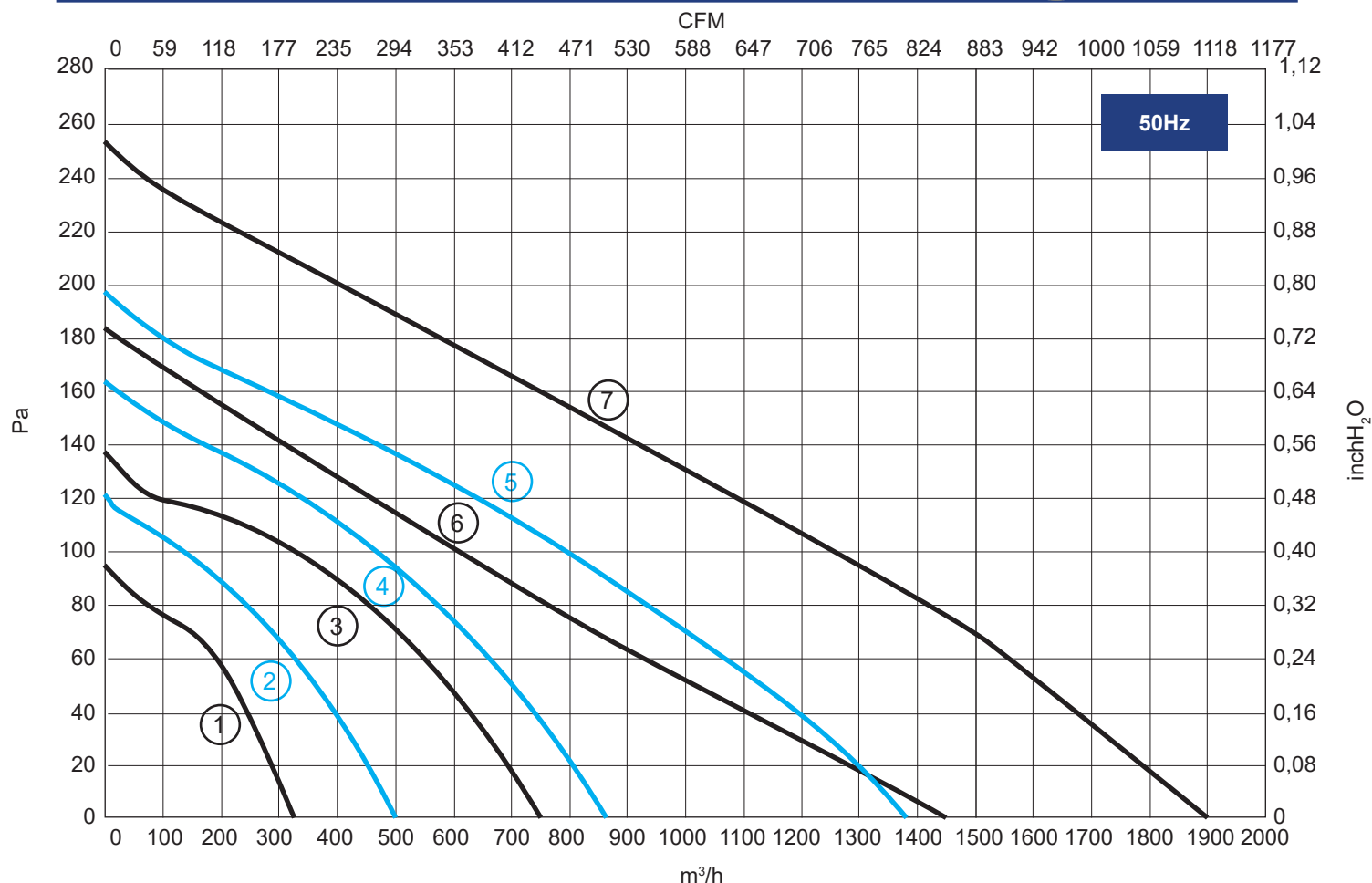
More information about accessories:
*Regularly on stock



BACKWARD CENTRIFUGAL AC 4 POLE



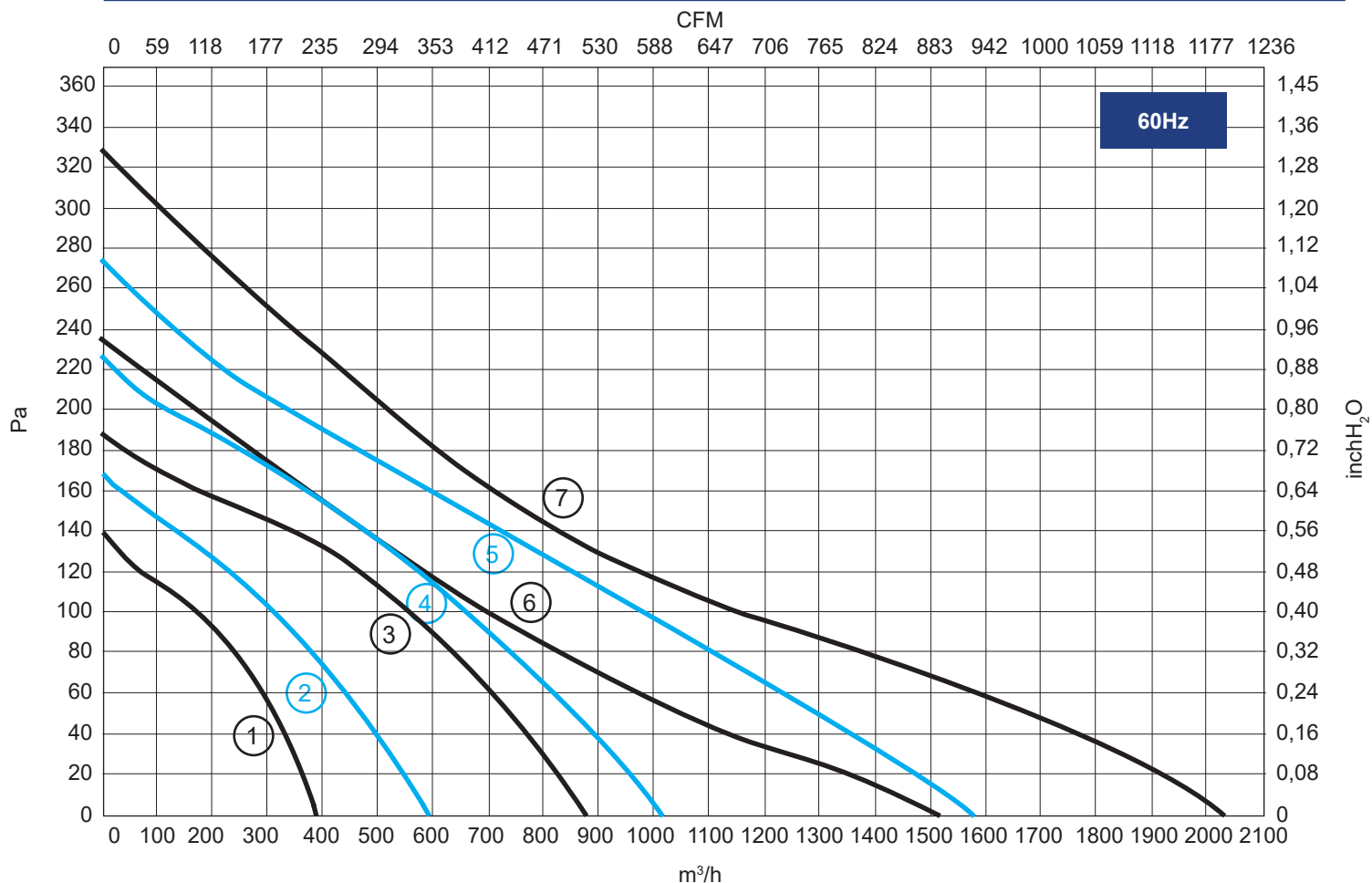
ECOFIT



Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	C ±1 [mm]	IP
1	4RRE15 192x40R		230	50	0,14	30	1385	1,5	-20 / +70	70	IP44
				60	0,14	31	1655	1,5	-20 / +70		
2	4RRE15 225x40R		230	50	0,18	40	1370	2,0	-20 / +60	69	IP44
				60	0,21	44	1610	2,0	-20 / +60		
3	4RRE25 225x63R		230	50	0,27	52	1385	1,5	-20 / +70	99	IP44
				60	0,24	55	1625	1,5	-20 / +70		
4	4RRE25 250x56R		230	50	0,22	47	1415	1,5	-20 / +70	102	IP44
				60	0,24	55	1665	1,5	-20 / +70		
5	4RRE35 280x80R		230	50	0,38	81	1335	2,5	-20 / +60	125	IP44
				60	0,41	94	1535	2,5	-20 / +70		
6	4RRE35 280x90R		230	50	0,42	95	1125	3,0	-20 / +50	173	IP44
				60	0,44	101	1130	2,5	-20 / +50		
7	4RRE45 315x88R		230	50	0,47	99	1275	3,5	-20 / +70	152	IP44
				60	0,55	123	1360	3,5	-20 / +70		

ErP 2015

Air density 1,20kg/m³

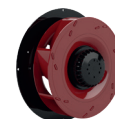


Curve	RRE		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Inlet cone PN	Cable length [mm]
	Code	Pal. Qty					
1	U24-A7*	240	19005	19005	21181	16290	900
2	M03-21	150	19008	19008	21194	16133	900
3	B28-A0	150	19005	19005		16214	900
4	Z19-02	84	19005	19005	21360	16114	900
5	Z19-03	48	19011	19011		16168	900
6	Z19-04	48	19012	19011			900
7	P38-D4	24	19049	19049	21369	16265	900

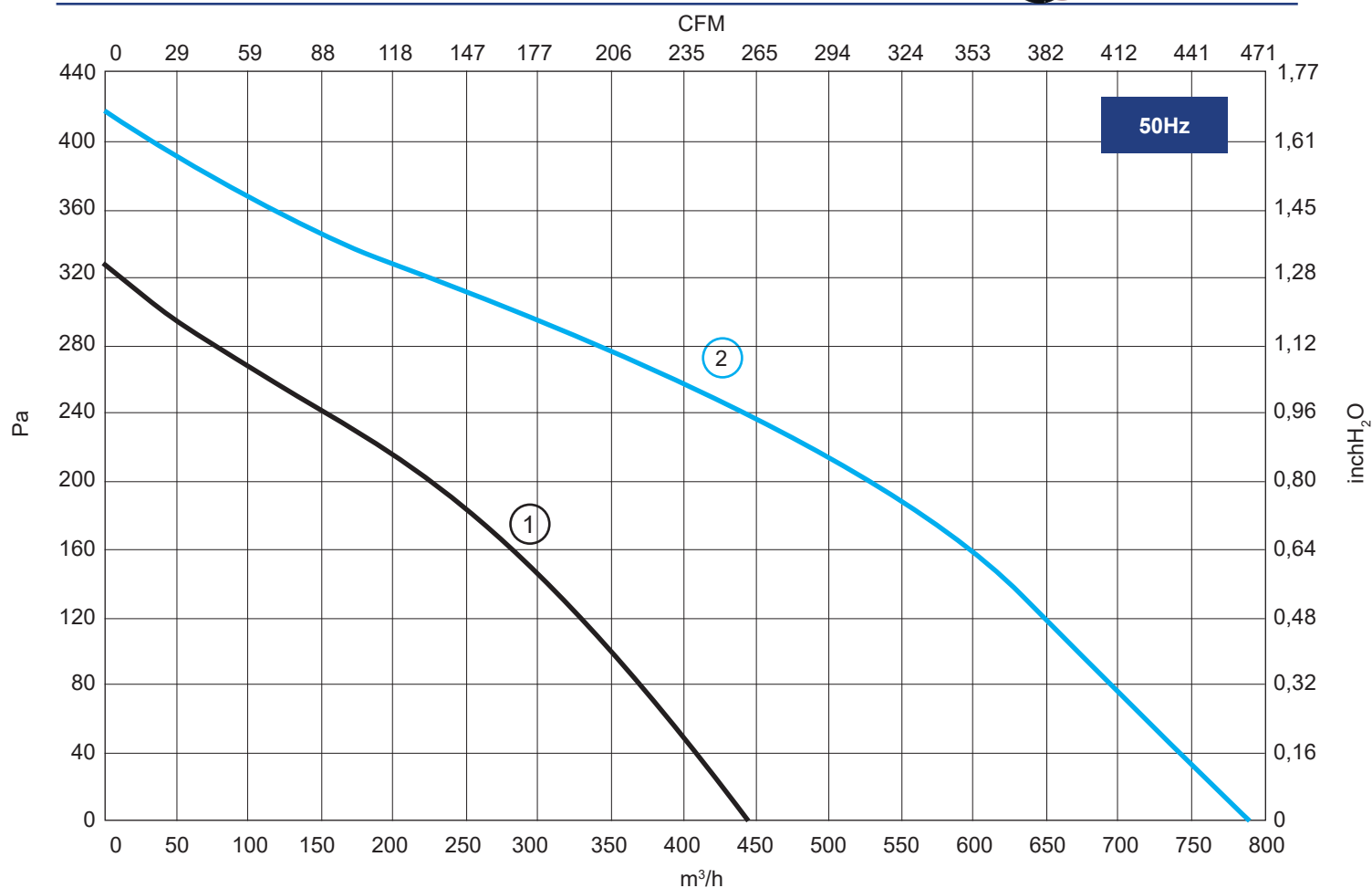
More information about accessories:
*Regularly on stock



INVERSED BACKWARD CENTRIFUGAL AC 2 POLE



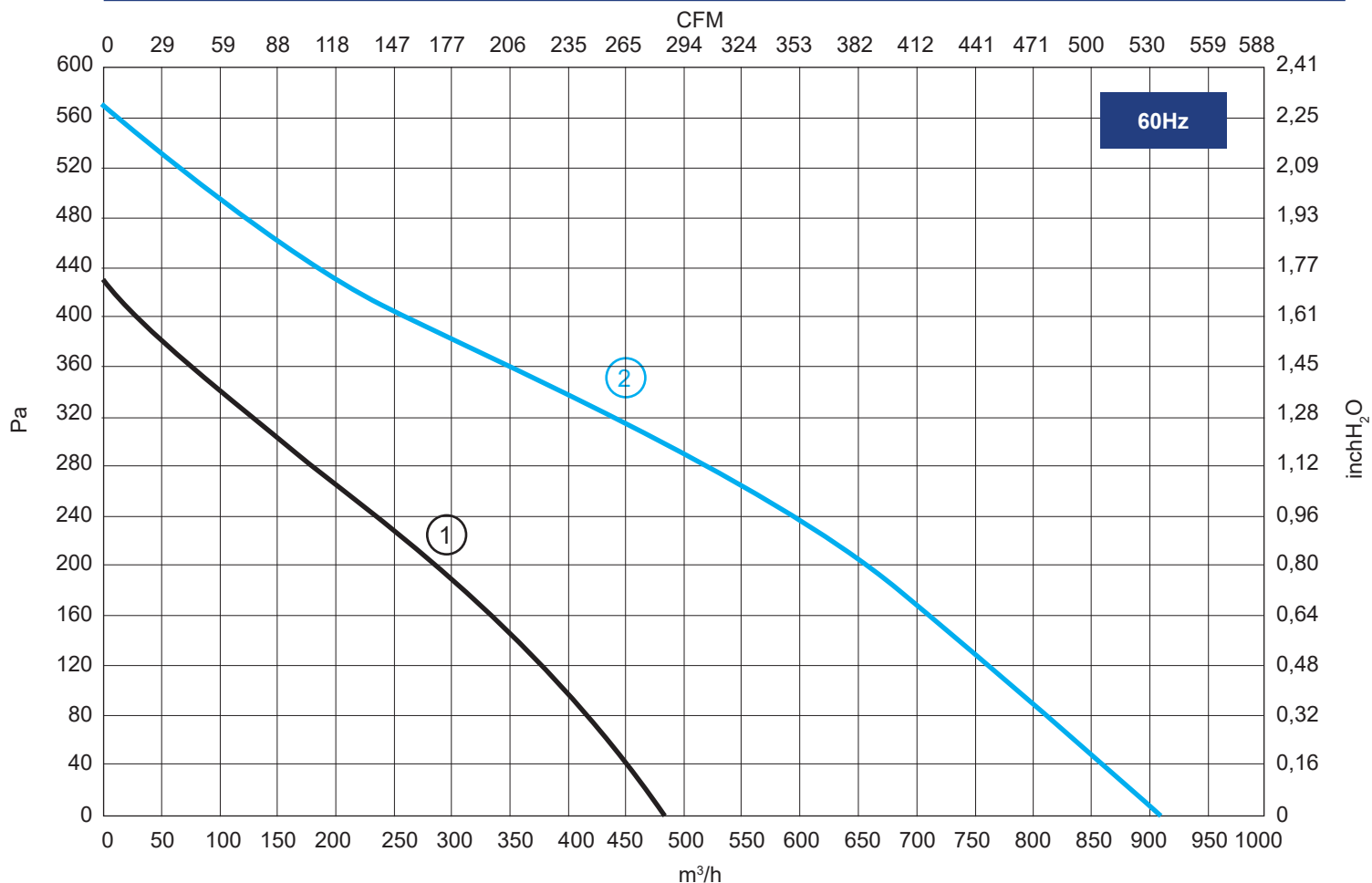
ECOFIT



Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	C ±1 [mm]	IP
1	2RRE15 192x40R (Inv)		230	50	0,23	51	2590	2,0	-20 / +70	85	IP44
				60	0,30	67	2850	2,0	-20 / +70		
1	2RRE15 192x40R (Inv)		230	50	0,23	51	2590	2,0	-20 / +70	85	IP44
				60	0,30	67	2850	2,0	-20 / +70		
2	2RRE25 220x45R (Inv)		230	50	0,44	90	2710	3,0	-20 / +70	98	IP44
				60	0,51	115	3085	3,0	-20 / +70		
2	2RRE25 220x45R (Inv)		230	50	0,44	90	2710	3,0	-20 / +70	98	IP44
				60	0,51	115	3085	3,0	-20 / +70		

ErP 2015

Air density 1,20kg/m³

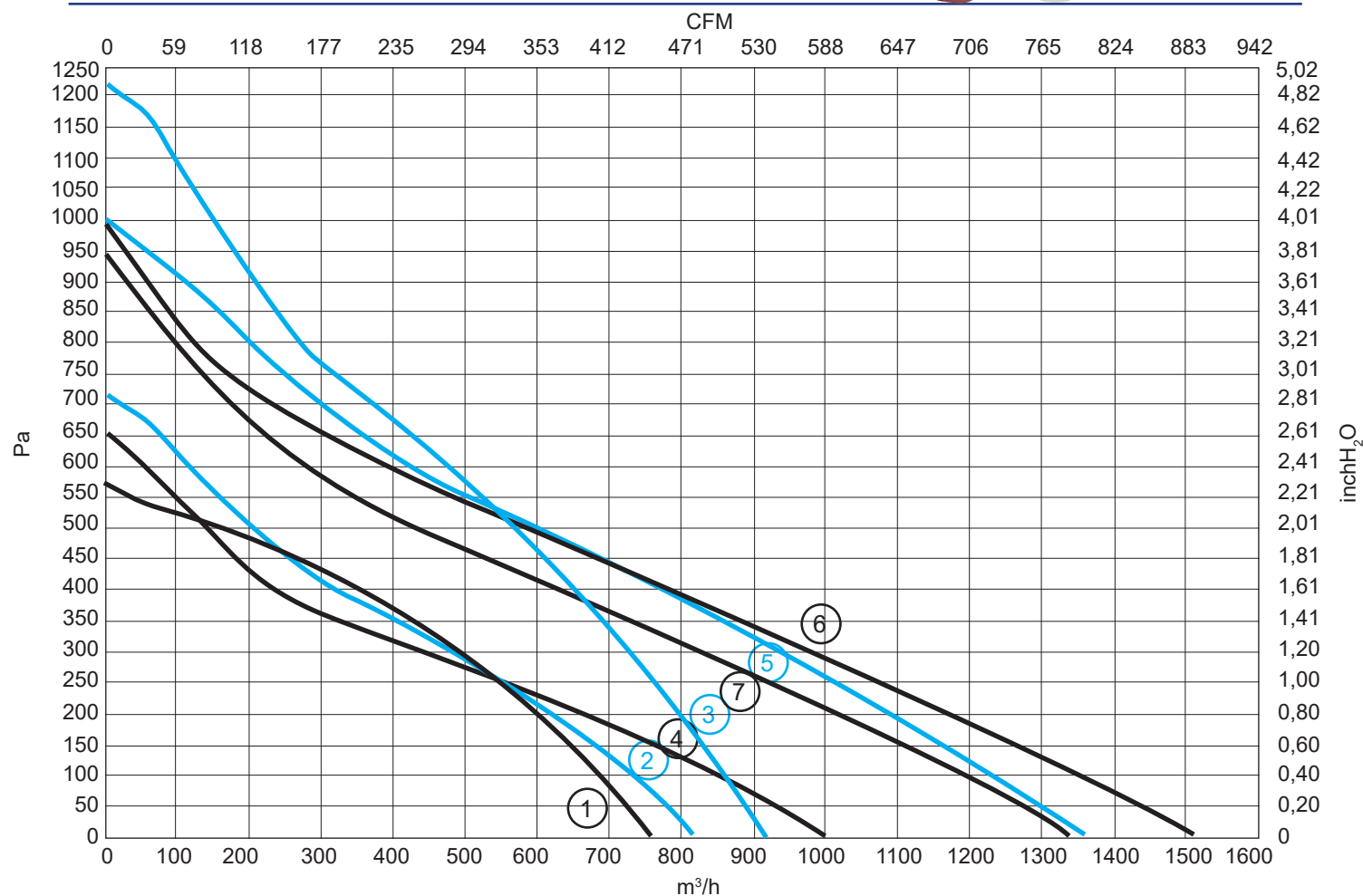


Curve	RRE (Inv)		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Cable length [mm)
	Code	Pal. Qty				
1	U24-A9*	120	19008	19008	21366	900
1	U24-B0	120	19008	19008	Mounted with finger guard grill**	900
2	C36-A4	48	19012	19012	21194	900
2	C41-A5	48	19012	19012	Mounted with finger guard grill**	900

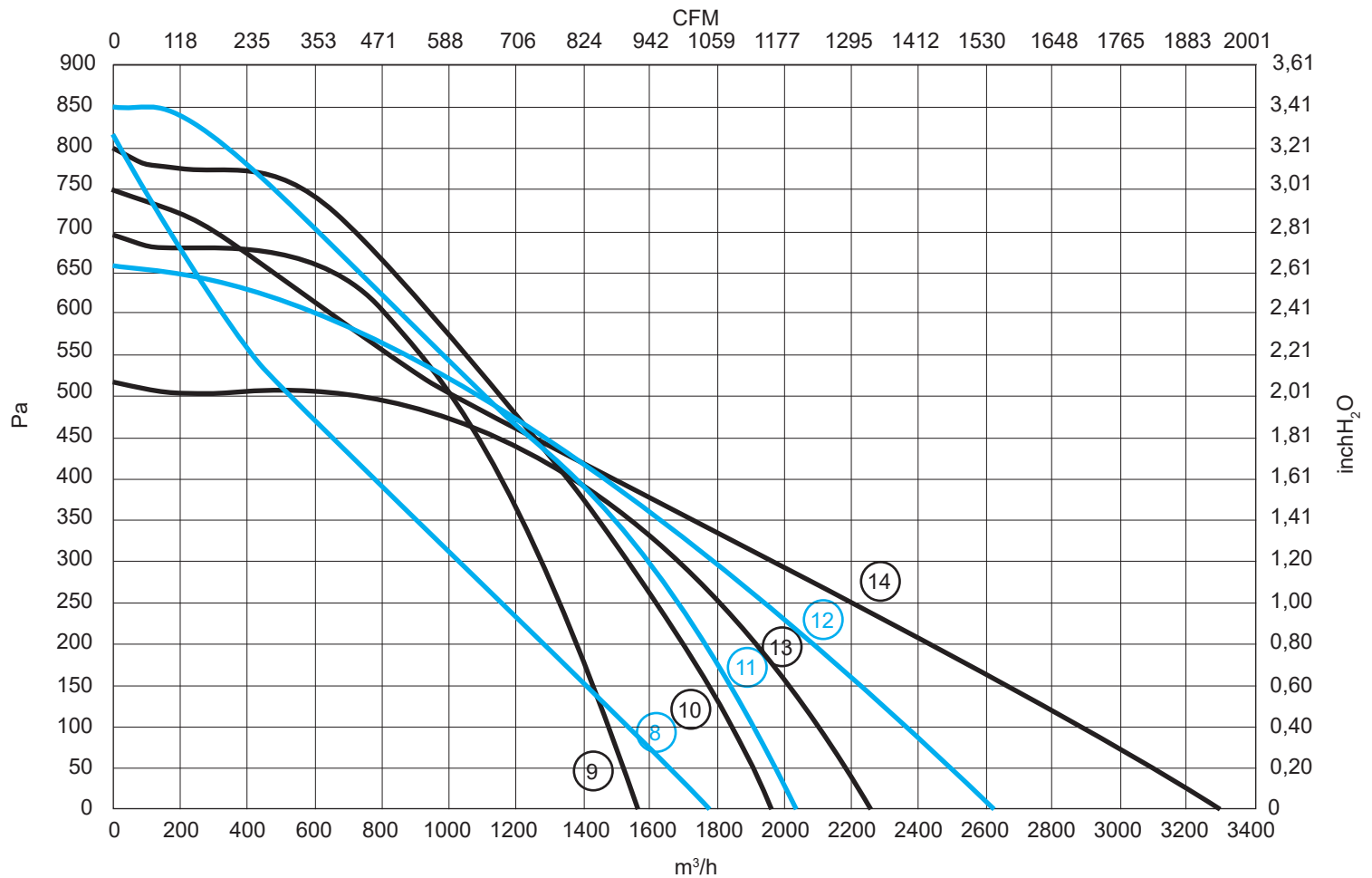


More information about accessories:
*Regularly on stock





Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	T [C°]	C ±1 [mm]	IP
1	RRxF5 175x42R		230	50/60	0,71	84	3810	-20 / +60	72	IP54
2	RRxF5 192x40R		230	50/60	0,74	89	3560	-20 / +60	70	IP54
3	RRxG9 192x40R		230	50/60	1,35	172	4215	-20 / +50	70	IP54
4	RRxF5 220x43R		230	50/60	0,73	87	2830	-20 / +60	72	IP54
5	RRxG9 220x43R		230	50/60	1,33	170	3620	-20 / +50	71	IP54
6	RRxG9 225x50R		230	50/60	1,36	175	3745	-20 / +50	99	IP54
7	RRxG9 225x63R		230	50/60	1,31	169	2910	-20 / +50	99	IP54
8	RRxG9 250x50R		230	50/60	1,37	177	3060	-20 / +50	99	IP54
9	RRxV8 250x50R		230	50/60	0,84	187	3015	-20 / +60	99	IP54
10	RRxV8 250x50R		230	50/60	1,19	266	3390	-20 / +60	99	IP54
11	RRxV8 280x50R		230	50/60	0,99	222	2955	-20 / +60	112	IP54
12	RRxV8 280x65R		230	50/60	1,29	291	2860	-20 / +60	112	IP54
13	RRxV8 280x80R		230	50/60	0,77	170	2305	-20 / +60	128	IP54
14	RRxV8 315x88R		230	50/60	1,35	300	2200	-20 / +60	153	IP54



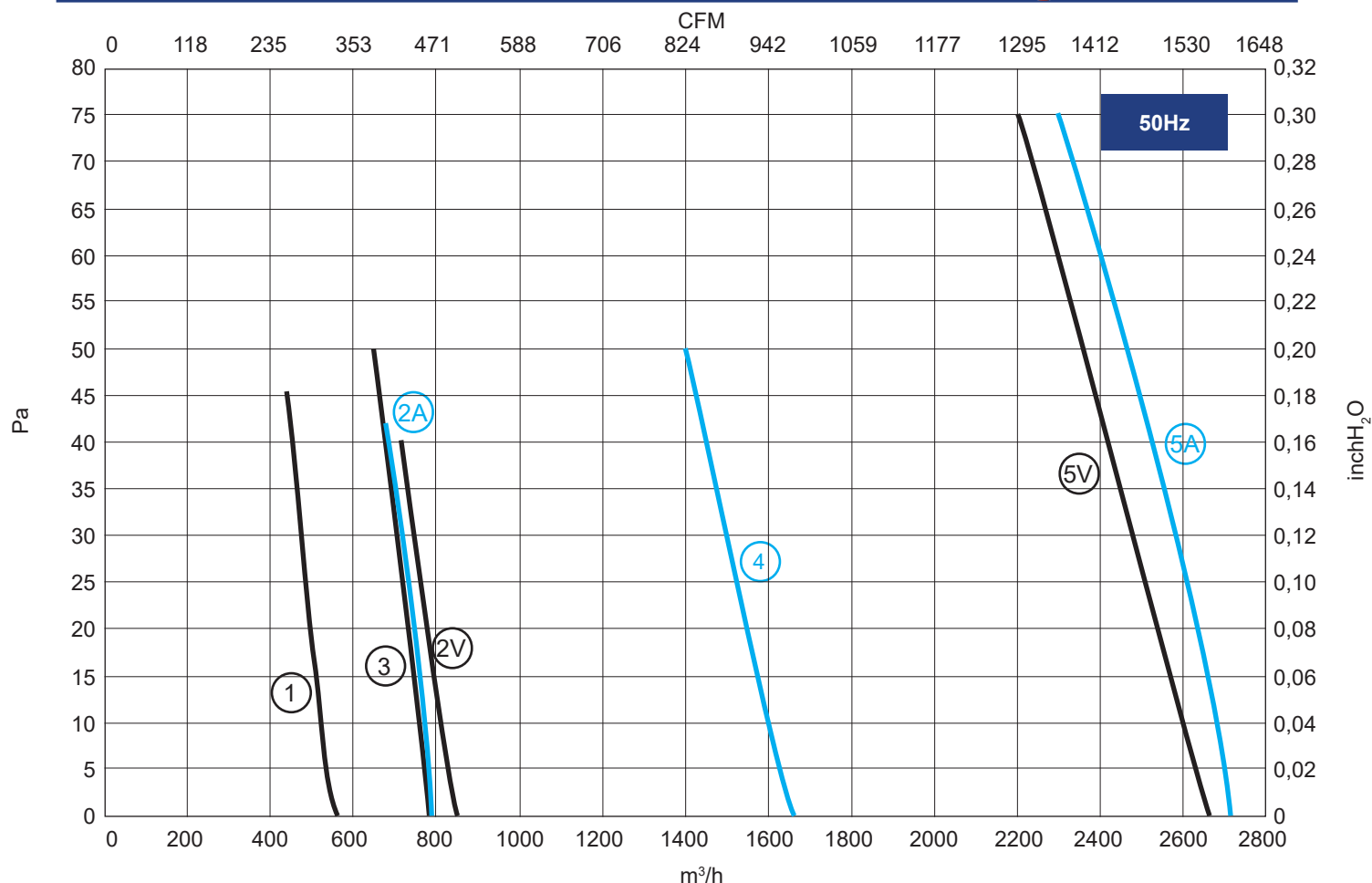
Curve	RRE		RRM		Finger guard PN	Inlet cone PN	Cable length [mm]
	Code	Pal. Qty	Code	Pal. Qty			
1	Y25-A2	240			21181	16043	500
2	T37-B5*	192			21181	16290	500
3	X52-A2*	192	Z38-A4 - Z38-A5**	72	21181	16290	900
4	T37-B6	135				16291	500
5	X52-A0*	105	Z38-A6 - Z38-A7**	48		16291	900
6	Y02-A3*	105	Y02-A9	48	21194	16236	900
7	Y02-A1*	105	Y02-A8 - Z38-B1**	48		16214	900
8	Y02-A5	60	Y02-B0	24	21360	16234	900
9	P38-D0*	60	Q13-B2	24	21360	16234	900
10	Q13-A2*	60	Q13-A5	24	21360	16234	900
11	P38-D1	40			21360	16254	900
12	R28-B3	40	R28-B4	30	21360	16254	900
13	P38-D2	40	R25-A1	30	21360	16254	900
14	P38-D3	24	S15-A0	16	21369	16265	900

More information about accessories:

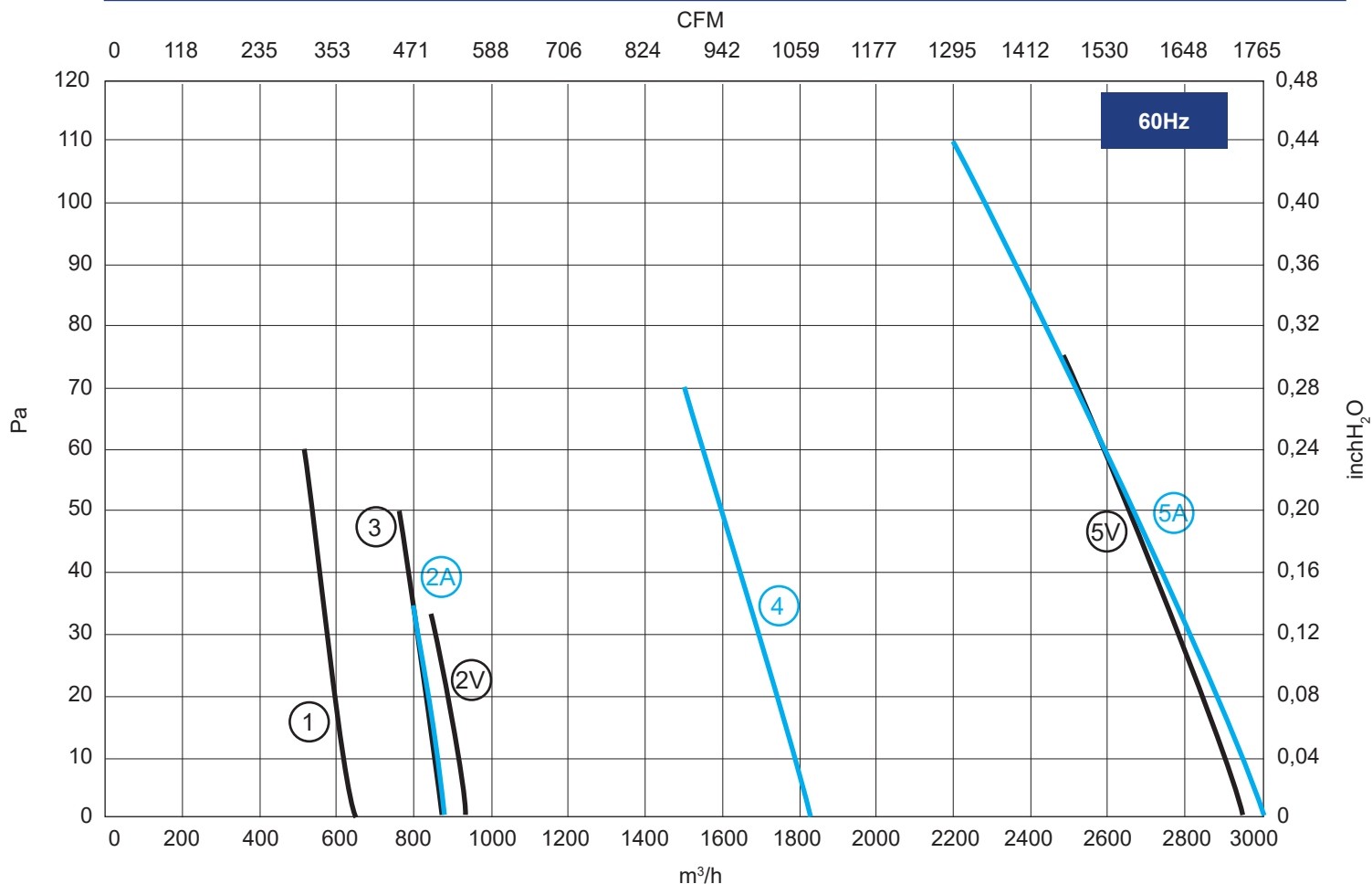
*Regularly on stock

**Mounted with finger guard grill



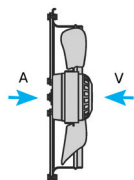


Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	C ±1 [mm]	IP
1	2Vxx15 170A		230	50	0,26	58	2660	2,0	-20 / +70	51	IP44
				60	0,30	68	3085	2,0	-20 / +70		
1	2Vxx15 170V		230	50	0,26	58	2660	2,0	-20 / +70	48	IP44
				60	0,30	68	3085	2,0	-20 / +70		
2A	2Vxx15 200A		230	50	0,29	66	2490	2,0	-20 / +70	60	IP44
				60	0,35	80	2745	2,0	-20 / +70		
2V	2Vxx15 200V		230	50	0,29	66	2520	2,0	-20 / +70	54	IP44
				60	0,36	80	2760	2,0	-20 / +70		
3	2Vxx25 200A		230	50	0,24	55	2760	2,0	-40 / +70	60	IP54
				60	0,37	82	3090	2,0	-40 / +70		
4	2Vxx25 250A		230	50	0,47	104	2725	4,0	-20 / +70	67	IP44
				60	0,59	135	3105	4,0	-20 / +70		
4	2Vxx25 250V		230	50	0,47	104	2725	4,0	-20 / +70	62	IP44
				60	0,59	135	3105	4,0	-20 / +70		
5A	2Vxx45 300A		230	50	0,73	167	2675	6,0	-20 / +70	65,5	IP44
				60	1,04	236	2980	6,0	-20 / +70		
5V	2Vxx45 300V		230	50	0,72	165	2655	6,0	-20 / +70	65,5	IP44
				60	1,03	231	2930	6,0	-20 / +60		



Curve	Air direction	VRE		VGR		VPR		VGV		VGC		VGC		50Hz Capa PN	60Hz Capa PN	Connect box PN	Conne- tor PN	Cable length [mm]
		Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty					
1	A	B22-B0	144											19008	19008	39658	09172	500
1	V	B22-B1*	144											19008	19008	39658	09172	500
2A	A	B22-B2*	150	B22-D0	120	B22-D1	120	B22-D2	120	B22-D3	72			19008	19008	39658	09172	500
2V	V	B22-B3*	150	B22-D4	120	B22-D5	120	B22-D6	120	B22-D7	72	C23-A6*	120	19008	19008	39658	09172	500
3	A							Z04-04*	120									
4	A	B22-B4*	96	B22-D8*	120	B22-D9	120	B22-E0 Z16-01*	72	B22-E1	60			19019	19019	39658	09172	500
4	V	B22-B5	96	B22-E2	120	B22-E3	120	B22-E4	72	B22-E5	60	D27-A0	72	19019	19019	39658	09172	500
5A	A	N19-A5*	72	N19-B1	72	N19-B3	72	N19-B5 N19-B9*	60 72	N19-B7	48			19016	19016	39658	09172	500
5V	V	N19-B0*	72	N19-B2	72	N19-B4	72	N19-B6*	60	N19-B8	48			19016	19016	39658	09172	500

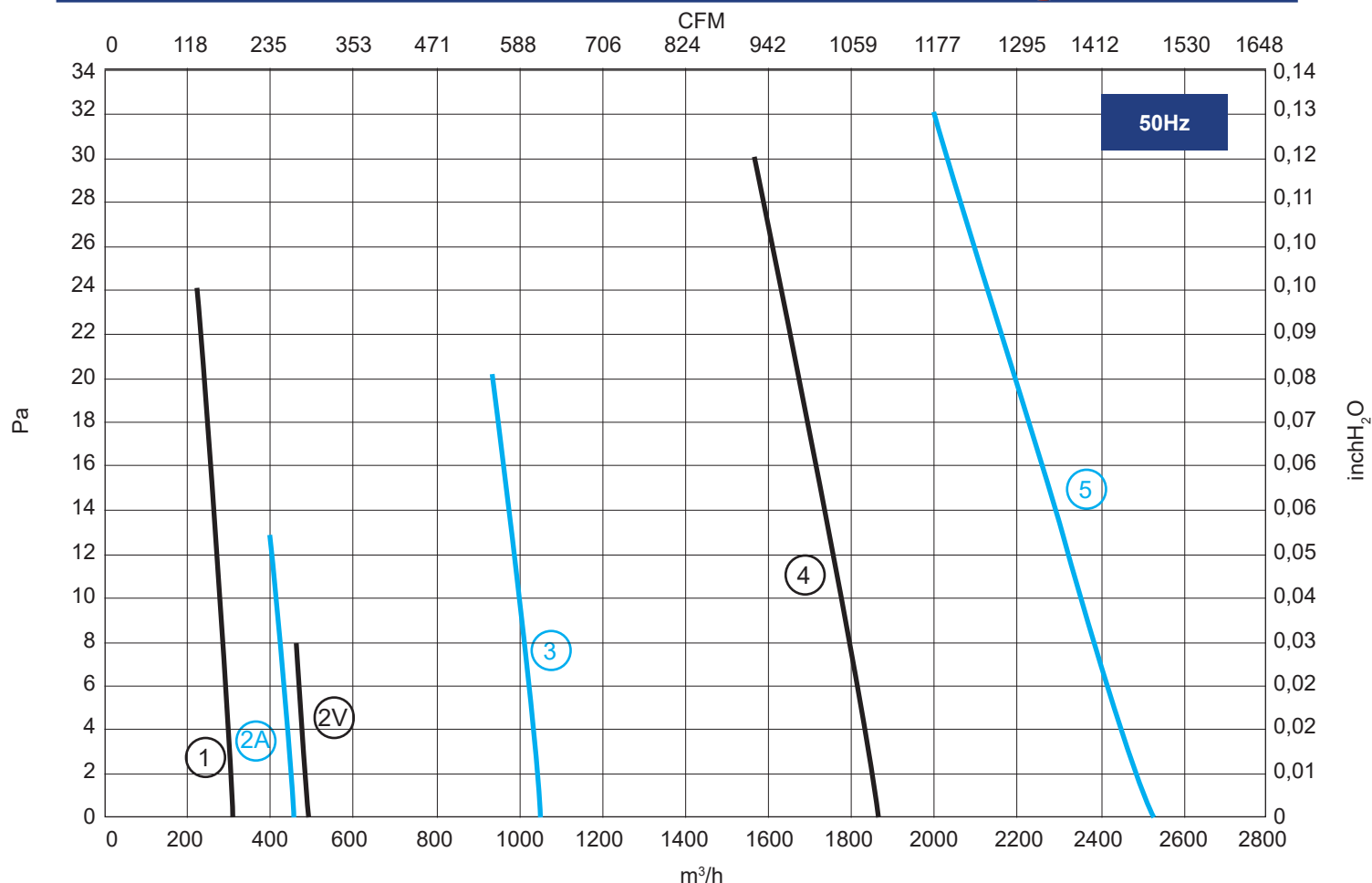
Air direction



*Fans for low temperatures from -40°C, see the data sheet

More information about accessories:
*Regularly on stock

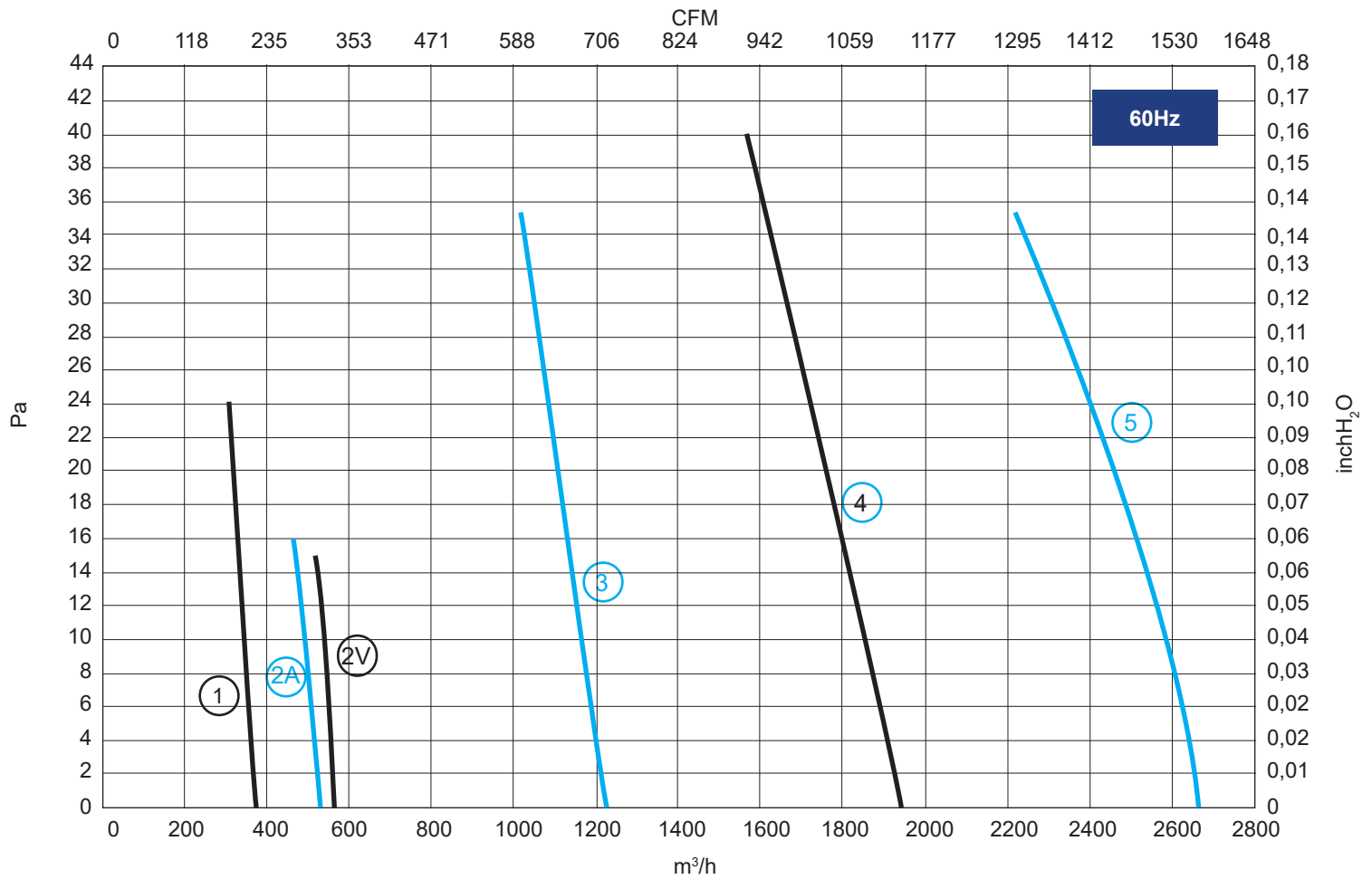




Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	C ±1 [mm]	IP
1	4Vxx15 170A		230	50	0,15	34	1440	1,5	-20 / +70	51	IP44
				60	0,17	37	1700	1,5	-20 / +70		
1	4Vxx15 170V		230	50	0,15	34	1440	1,5	-20 / +70	48	IP44
				60	0,17	37	1700	1,5	-20 / +70		
2A	4Vxx15 200A		230	50	0,13	29	1410	1,5	-20 / +70	54	IP44
				60	0,13	29	1660	1,5	-20 / +70		
2V	4Vxx15 200V		230	50	0,15	31	1415	1,5	-20 / +70	54	IP44
				60	0,14	31	1680	1,5	-20 / +70		
3	4Vxx25 250A		230	50	0,28	63	1395	2,0	-20 / +60	79	IP44
				60	0,32	72	1620	2,0	-20 / +70		
3	4Vxx25 250V		230	50	0,28	63	1395	2,0	-20 / +60	67	IP44
				60	0,32	72	1620	2,0	-20 / +70		
4	4Vxx35 300A		230	50	0,41	94	1310	3,0	-20 / +50	82	IP44
				60	0,45	97	1475	2,5	-20 / +70		
4	4Vxx35 300V		230	50	0,41	94	1310	3,0	-20 / +50	79	IP44
				60	0,45	97	1475	2,5	-20 / +70		
5	4Vxx45 350A		230	50	0,47	103	1195	3,5	-20 / +70	82,5	IP44
				60	0,55	125	1305	3,5	-20 / +70		
5	4Vxx45 350V		230	50	0,47	103	1195	3,5	-20 / +70	72,5	IP44
				60	0,55	125	1305	3,5	-20 / +70		

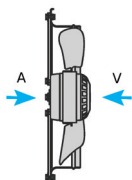
 ErP 2015

Air density 1,20kg/m³



Curve	Air direction	VRE		VGR		VPR		VGV		VGC		50Hz Capa PN	60Hz Capa PN	Connect box PN	Connector PN	Cable length [mm]
		Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty					
1	A	B22-B8	144									19005	19005	39658	09172	500
1	V	B22-B9*	144									19005	19005	39658	09172	500
2A	A	B22-C0*	150	B22-F4	120	B22-F5	120	B22-F6	120	B22-F7	72	19005	19005	39658	09172	500
2V	V	B22-C1	150	B22-F8	120	B22-F9	120	B22-G0	120	B22-G1	72	19005	19005	39658	09172	500
3	A	B22-C2*	96	B22-G2	120	B22-G3	120	B22-G4*	72	B22-G5*	60	19008	19008	39658	09172	500
3	V	B22-C3*	96	B22-G6	120	B22-G7	120	B22-G8	72	B22-G9	60	19008	19008	39658	09172	500
4	A	B22-C4*	72	B22-H0	72	B22-H1	72	B22-H2	60	B22-H3	48	19012	19011	39658	09172	500
4	V	B22-C5*	72	B22-H4	72	B22-H5	72	B22-H6	60	B22-H7	48	19012	19011	39658	09172	500
5	A	P28-A4	72	P28-A6	60	P28-A8	60	N08-A3	48	P28-B1	48	19049	19049	39658	09172	500
5	V	P28-A5*	72	P28-A7	60	P28-A9	60	P28-B0	48	P28-B2	48	19049	19049	39658	09172	500

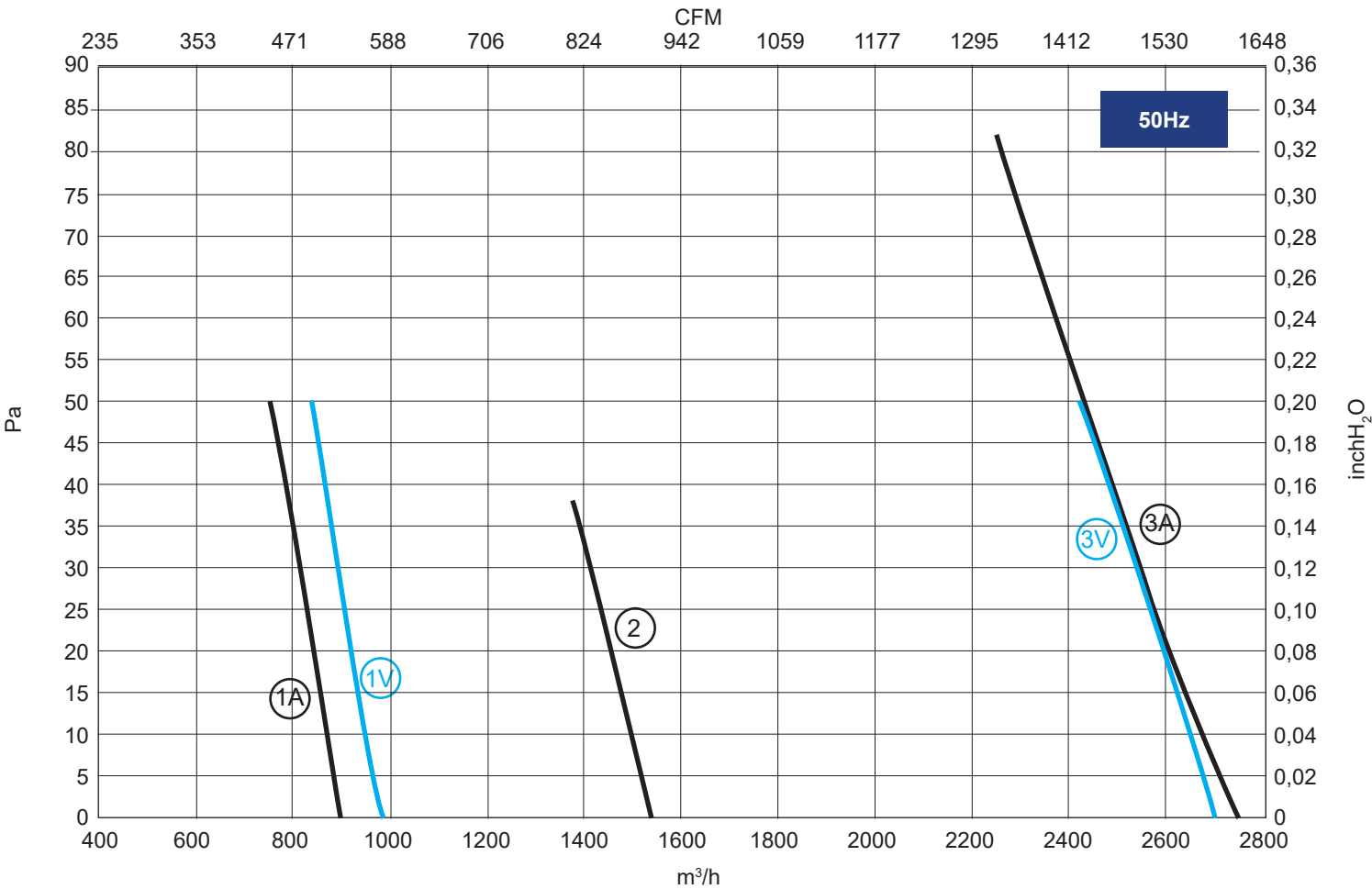
Air direction



More information about accessories:
*Regularly on stock



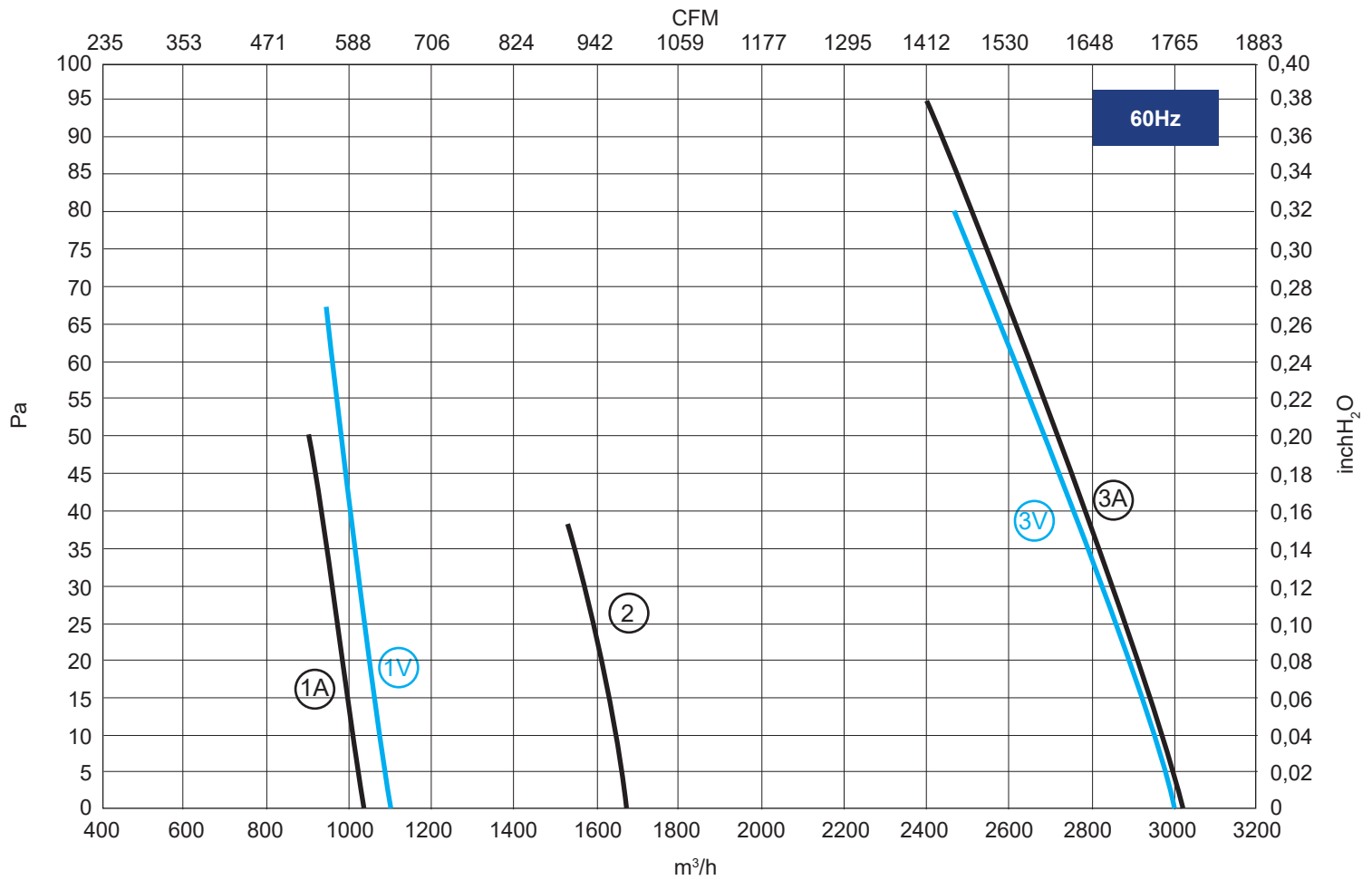
AXIAL AC 2 POLE 3 PHASE



Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	T [C°]	C ±1 [mm]	IP
1A	2Vxxt25 200A		400	50	0,25	77	2760	-20 / +70	56	IP44
				60	0,19	92	3160	-20 / +70		
1V	2Vxxt25 200V		400	50	0,23	72	2795	-20 / +70	52	IP44
				60	0,18	96	3125	-20 / +70		
2	2Vxxt35 250A		400	50	0,19	86	2635	-20 / +70	72	IP44
				60	0,20	110	2905	-20 / +70		
2	2Vxxt35 250V		400	50	0,19	86	2635	-20 / +70	62	IP44
				60	0,20	110	2905	-20 / +70		
3A	2Vxxt45 300A		400	50	0,32	140	2660	-20 / +70	65,5	IP44
				60	0,35	198	2920	-20 / +70		
3V	2Vxxt45 300V		400	50	0,33	143	2675	-20 / +70	65,5	IP44
				60	0,36	200	2950	-20 / +70		

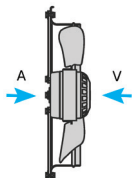
ErP 2015

Air density 1,20kg/m³



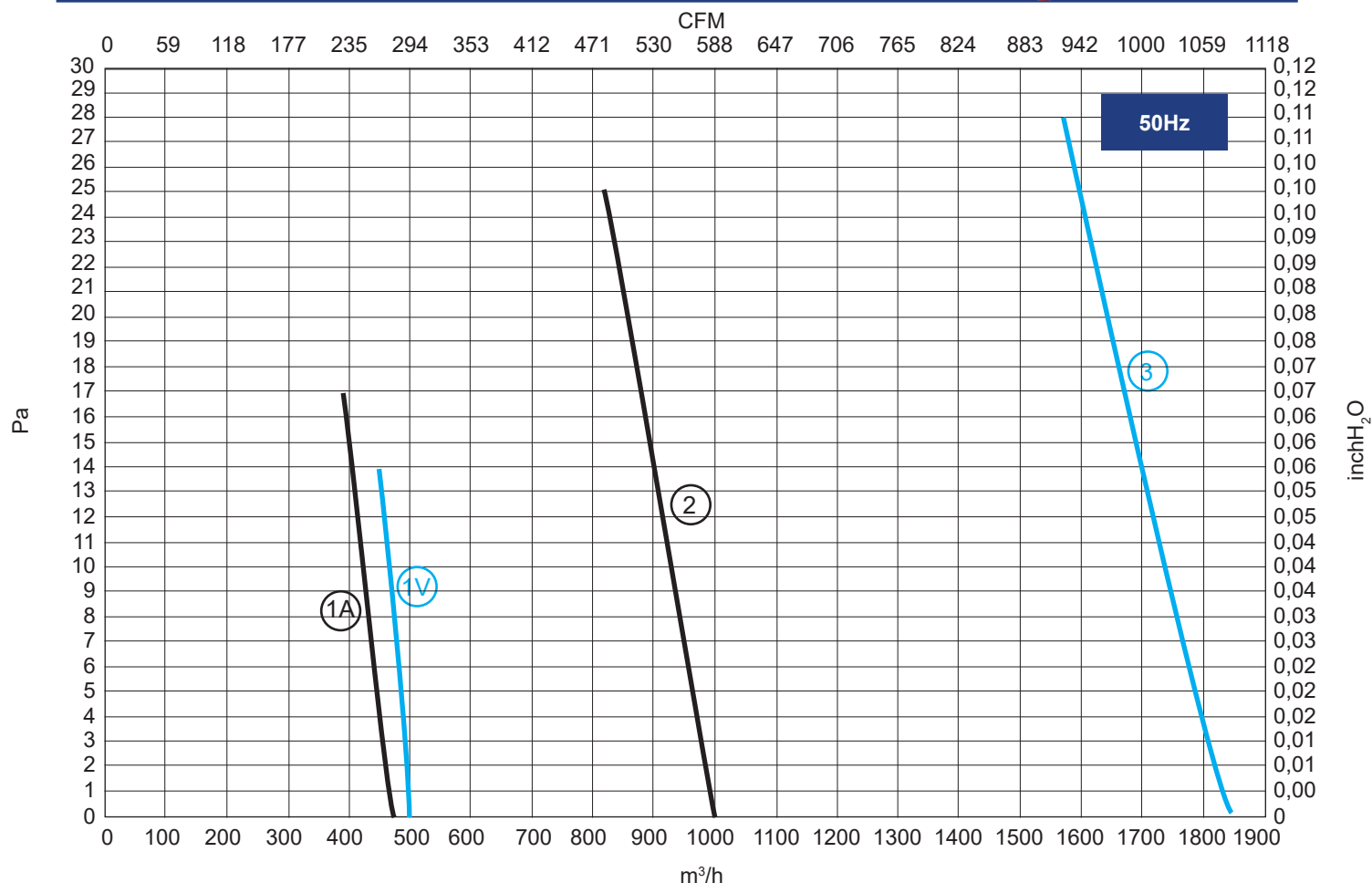
Curve	Air direction	VRE		VGR		VPR		VGV		VGC		Connect box PN	Connector PN	Cable length [mm]
		Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty			
1A	A	R10-26	150	R12-02	120	R12-18	120	R12-34	120	R12-50	72	39658	09172	450
1V	V	R10-27*	150	R12-03	120	R12-19	120	R12-35	120	R12-51	72	39658	09172	450
2	A	R10-28*	96	R12-04	120	R12-20	120	R12-36	72	R12-52	60	39658	09172	450
2	V	R10-29	96	R12-05	120	R12-21	120	R12-37	72	R12-53	60	39658	09172	450
3A	A	N38-A2	120	N38-A4	72	N38-A6	72	N38-A8	60	N38-B0	48	39658	09172	450
3V	V	N38-A3	120	N38-A5	72	N38-A7	72	N38-A9	60	N38-B1	48	39658	09172	450

Air direction

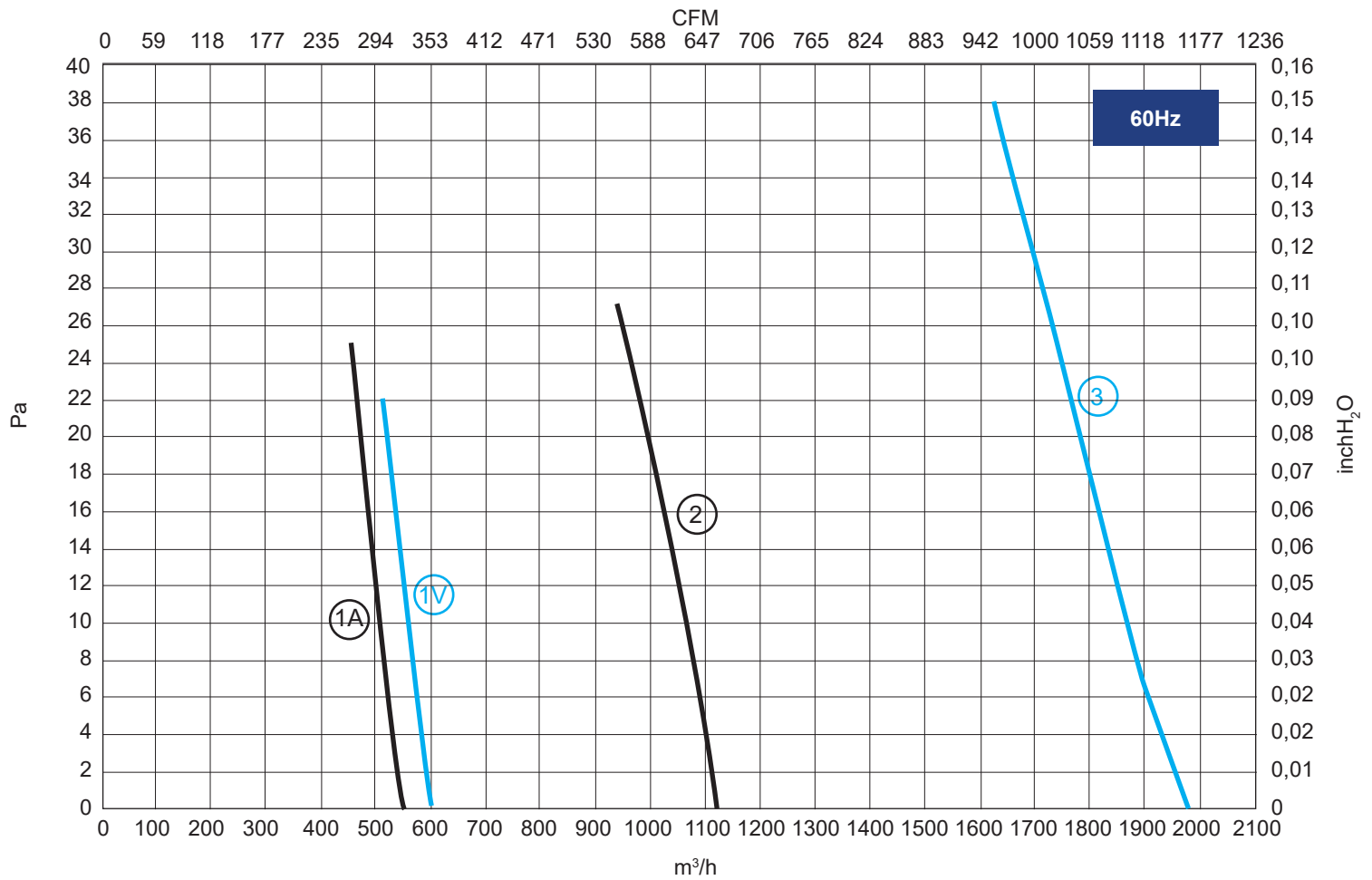


More information about accessories:
*Regularly on stock



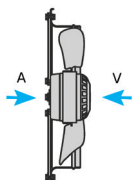


Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	T [C°]	C ±1 [mm]	IP
1A	4Vxxt25 200A		400	50	0,13	37	1460	-20 / +60	57	IP44
				60	0,11	32	1715	-20 / +70		
1V	4Vxxt25 200V		400	50	0,12	33	1460	-20 / +70	57	IP44
				60	0,10	29	1720	-20 / +70		
2	4Vxxt25 250A		400	50	0,15	51	1335	-20 / +60	79	IP44
				60	0,13	52	1500	-20 / +70		
2	4Vxxt25 250V		400	50	0,15	51	1335	-20 / +60	67	IP44
				60	0,13	52	1500	-20 / +70		
3	4Vxxt35 300A		400	50	0,21	84	1295	-20 / +60	82	IP44
				60	0,19	91	1410	-20 / +70		
3	4Vxxt35 300V		400	50	0,21	84	1295	-20 / +60	79	IP44
				60	0,19	91	1410	-20 / +70		



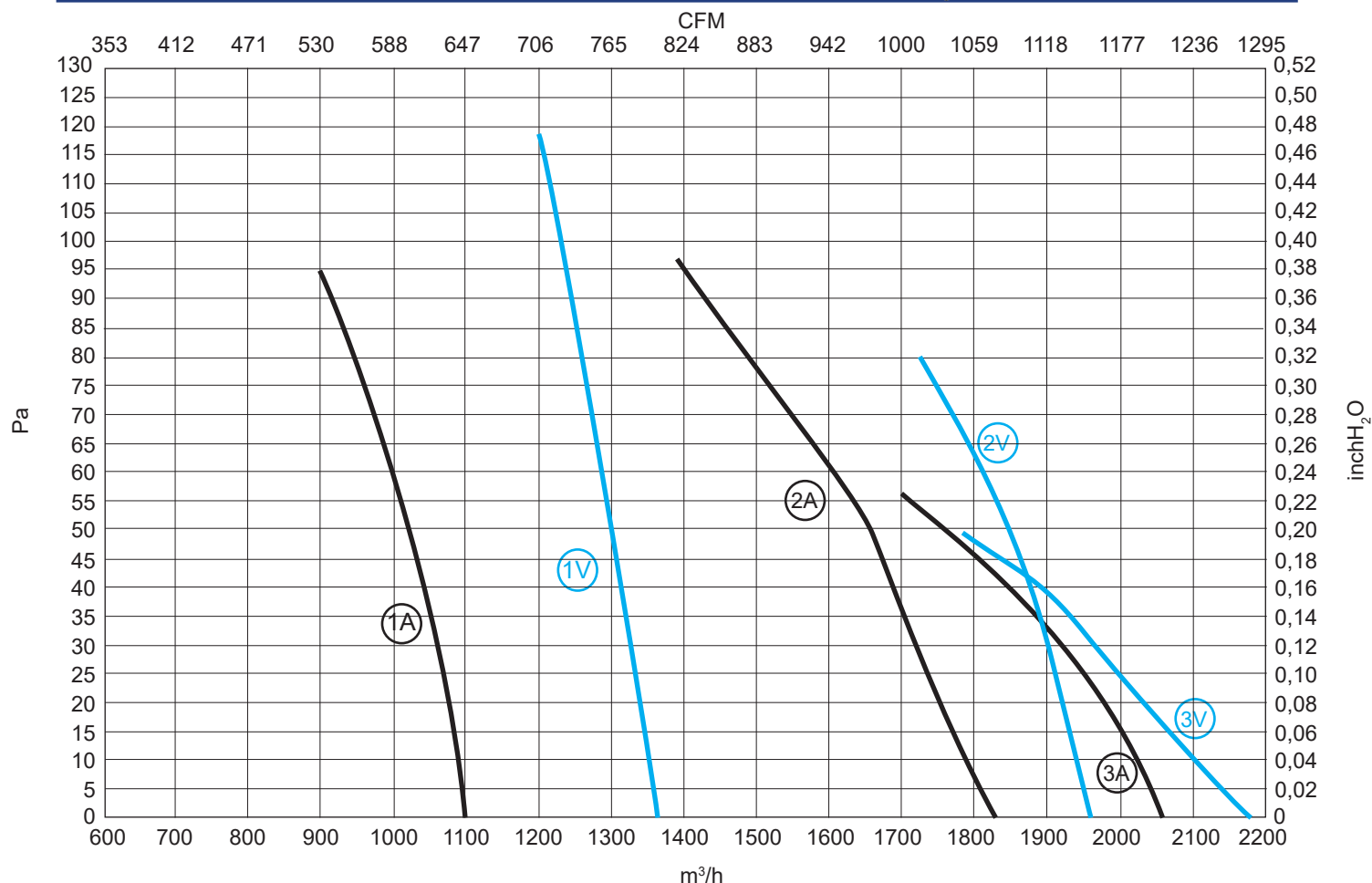
Curve	Air direction	VRE		VGR		VPR		VGV		VGC		Connect box PN	Connector PN	Cable length [mm]
		Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty			
1A	A	R10-32	150	R12-08	120	R12-24	120	R12-40	120	R12-56	72	39658	09172	450
1V	V	R10-33	150	R12-09	120	R12-25	120	R12-41	120	R12-57	72	39658	09172	450
2	A	R10-34	96	R12-10	120	R12-26	120	R12-42	72	R12-58	60	39658	09172	450
2	V	R10-35	96	R12-11	120	R12-27	120	R12-43	72	R12-59	60	39658	09172	450
3	A	R10-36	120	R12-12	72	R12-28	72	R12-44	60	R12-60	48	39658	09172	450
3	V	R10-37	120	R12-13	72	R12-29	72	R12-45	60	R12-61	48	39658	09172	450

Air direction



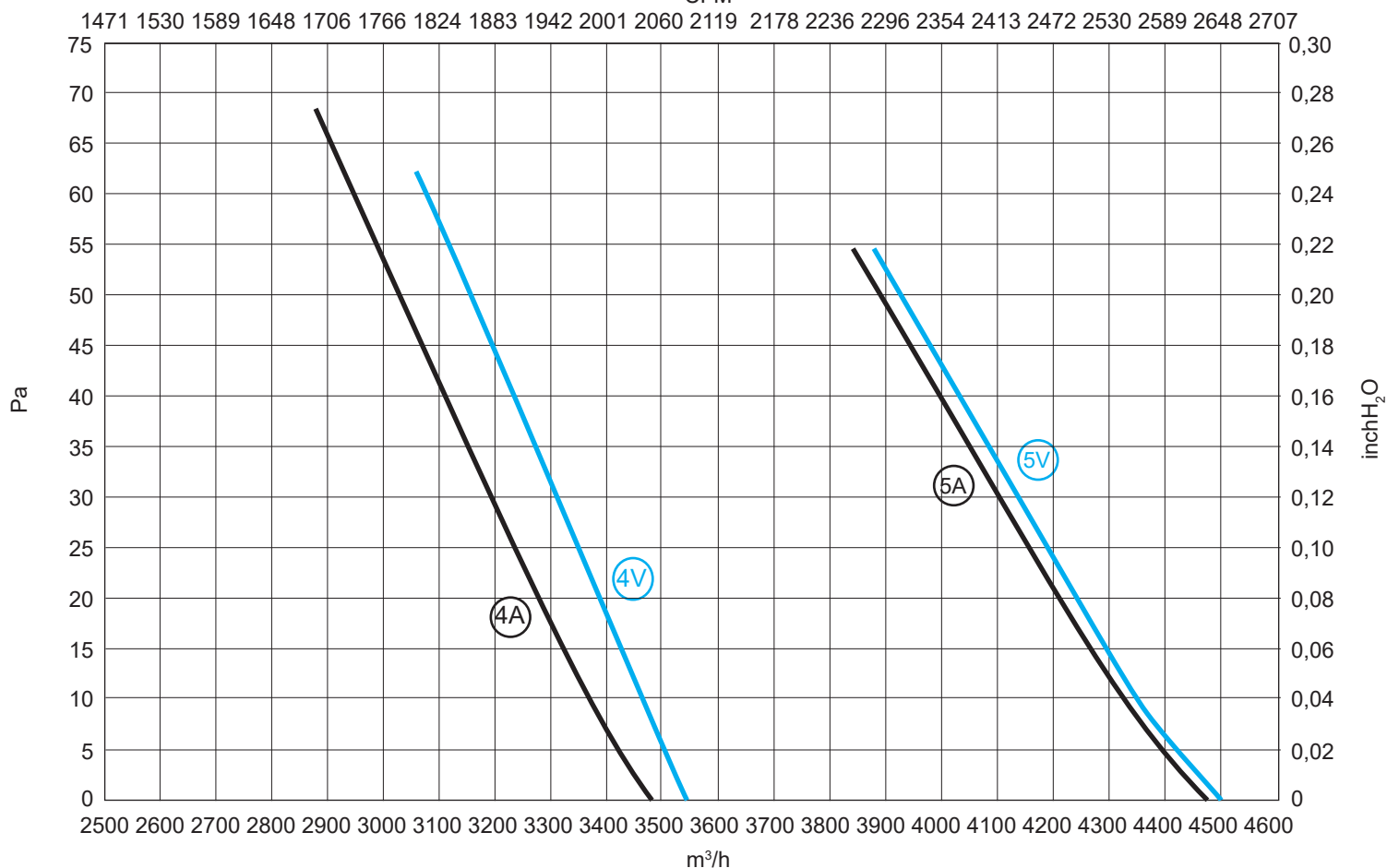
More information about accessories:
*Regularly on stock





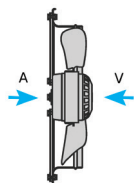
Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	T [C°]	C ±1 [mm]	IP
1A	VxxG9 200A		230	50/60	1,27	162	4015	-20 / +50	54	IP54
1V	VxxG9 200V		230	50/60	1,25	160	3995	-20 / +50	54	IP54
2A	VxxG9 250A		230	50/60	1,35	174	2850	-20 / +50	64,5	IP54
2V	VxxG9 250V		230	50/60	0,91	114	2625	-20 / +50	64,5	IP54
3A	VxxG9 300A		230	50/60	0,76	94	1870	-20 / +50	64,5	IP54
3V	VxxG9 300V		230	50/60	0,71	86	1865	-20 / +50	61,5	IP54
4A	VxxV8 350A		230	50/60	0,61	134	1705	-20 / +60	83	IP54
4V	VxxV8 350V		230	50/60	0,66	146	1700	-20 / +60	82,5	IP54
5A	VxxV8 400A		230	50/60	0,77	170	1605	-20 / +60	79,5	IP54
5V	VxxV8 400V		230	50/60	0,86	192	1595	-20 / +60	79,5	IP54

CFM



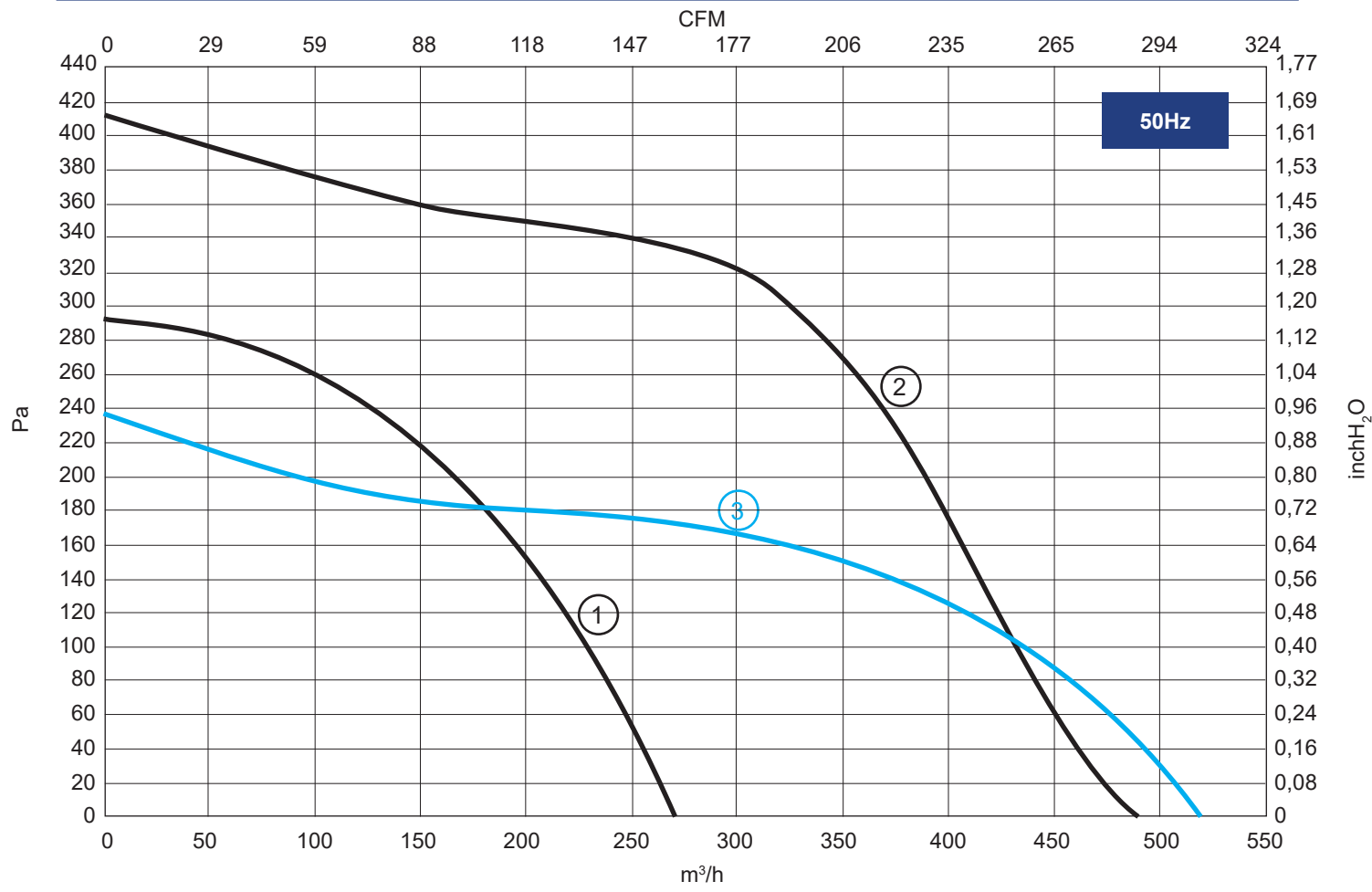
Curve	Air direction	VRE		VGR		VPR		VGV		VGC		VGC		Finger guard PN	Cable length [mm]
		Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty	Code	Pal. Qty		
1A	A	Z21-F8	105	Z19-A2	120			Z21-E6	120	Z21-C7	72				500
1V	V	Z21-F9	105	Z21-D7	120	Z21-F2	120					Z21-C8	120	21427	500
2A	A	Z21-G0	96	Z19-A3	120			Z21-E7	72	Z21-C9	54			21189	500
2V	V	Z21-G1	96	Z21-D8	120	Z21-F3	120					Z21-D0	48	21189	500
3A	A	Z21-G2	72	Z19-A4	72			Z21-E8	60	Z21-D1	48			21190	500
3V	V	Z21-G3	72	Z21-D9	72	Z21-F4	72							21190	500
4A	A	P38-A2	24	P38-A8	24			P38-B6	20	P38-B9	20			21487	500
4V	V	P38-A3	24	P38-A9	24	P38-B3	24							21487	500
5A	A	P38-A4	30	P38-B0	24			P38-B7	28	P38-C0	28			21420	500
5V	V	P38-A5	30	P38-B1	24	P38-B4	24							21420	500

Air direction



More information about accessories:
*Regularly on stock

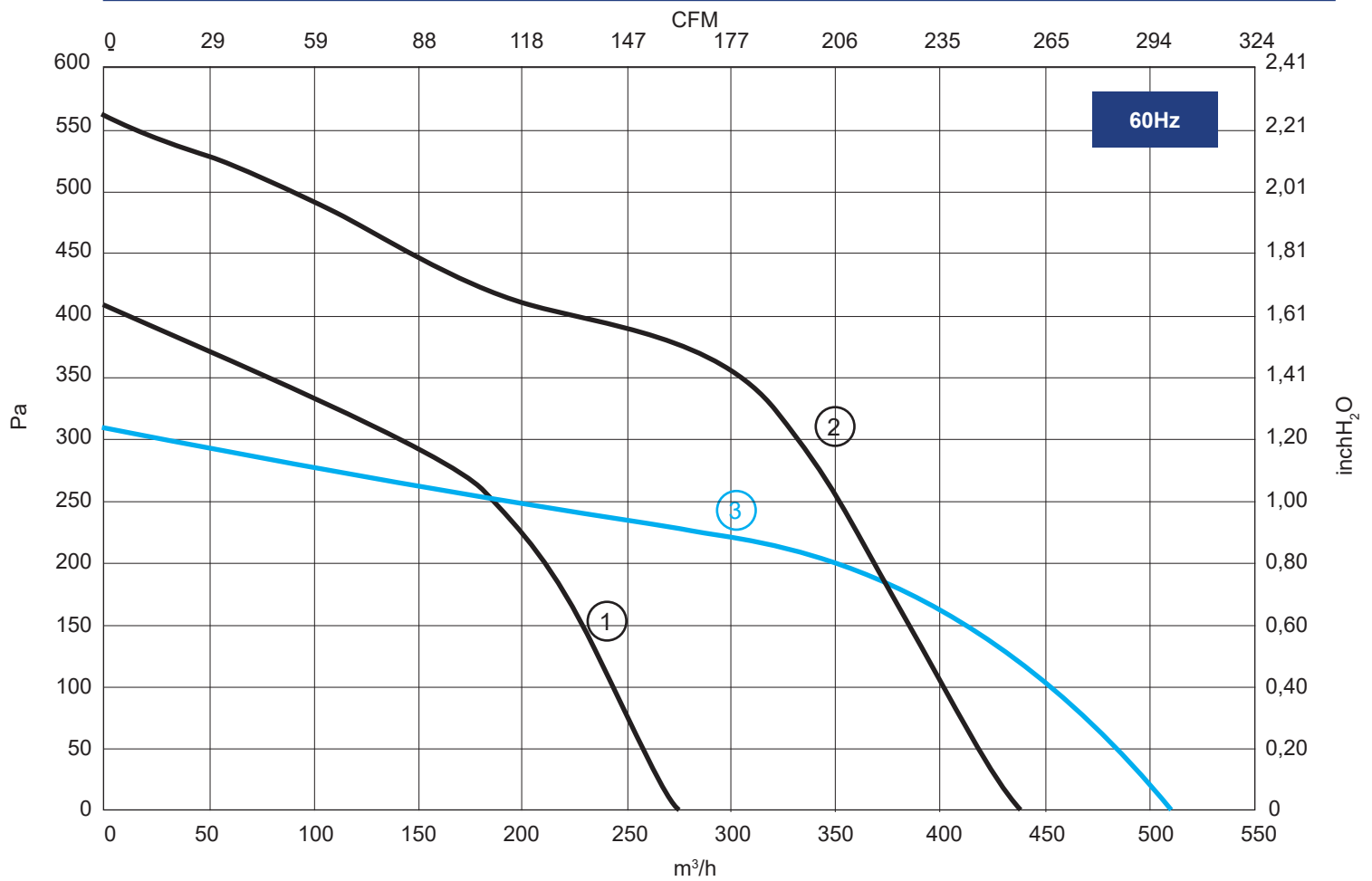




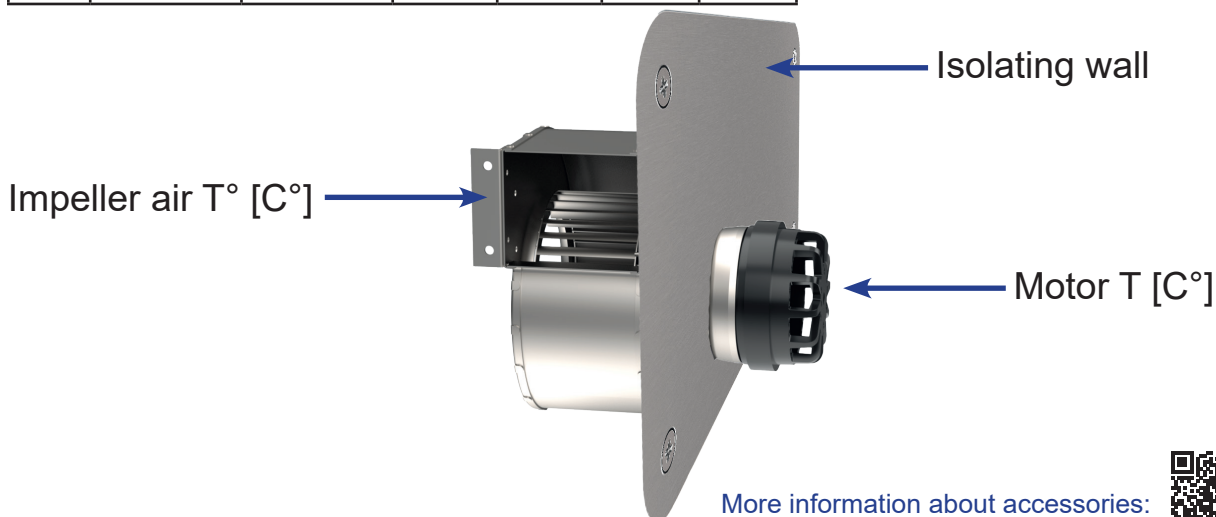
Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	Max Air T° C° (motor)	Max Air T° C° (impeller)	IP
1	2GTA15 120x62R		230	50	0,30	68	1685	2,0	-20 / +70	+220	IP20
				60	0,35	80	1700	2,0	-20 / +70	+220	
2	2GTA35 140x59R		230	50	0,66	150	1830	4,0	-20 / +70	+220	IP20
				60	0,71	161	1670	3,5	-20 / +60	+220	
3	4GTA25 180x70R		230	50	0,39	89	880	2,0	-20 / +50	+150	IP20
				60	0,43	98	850	2,0	-20 / +50	+150	

ErP 2015

Air density 1,20kg/m³

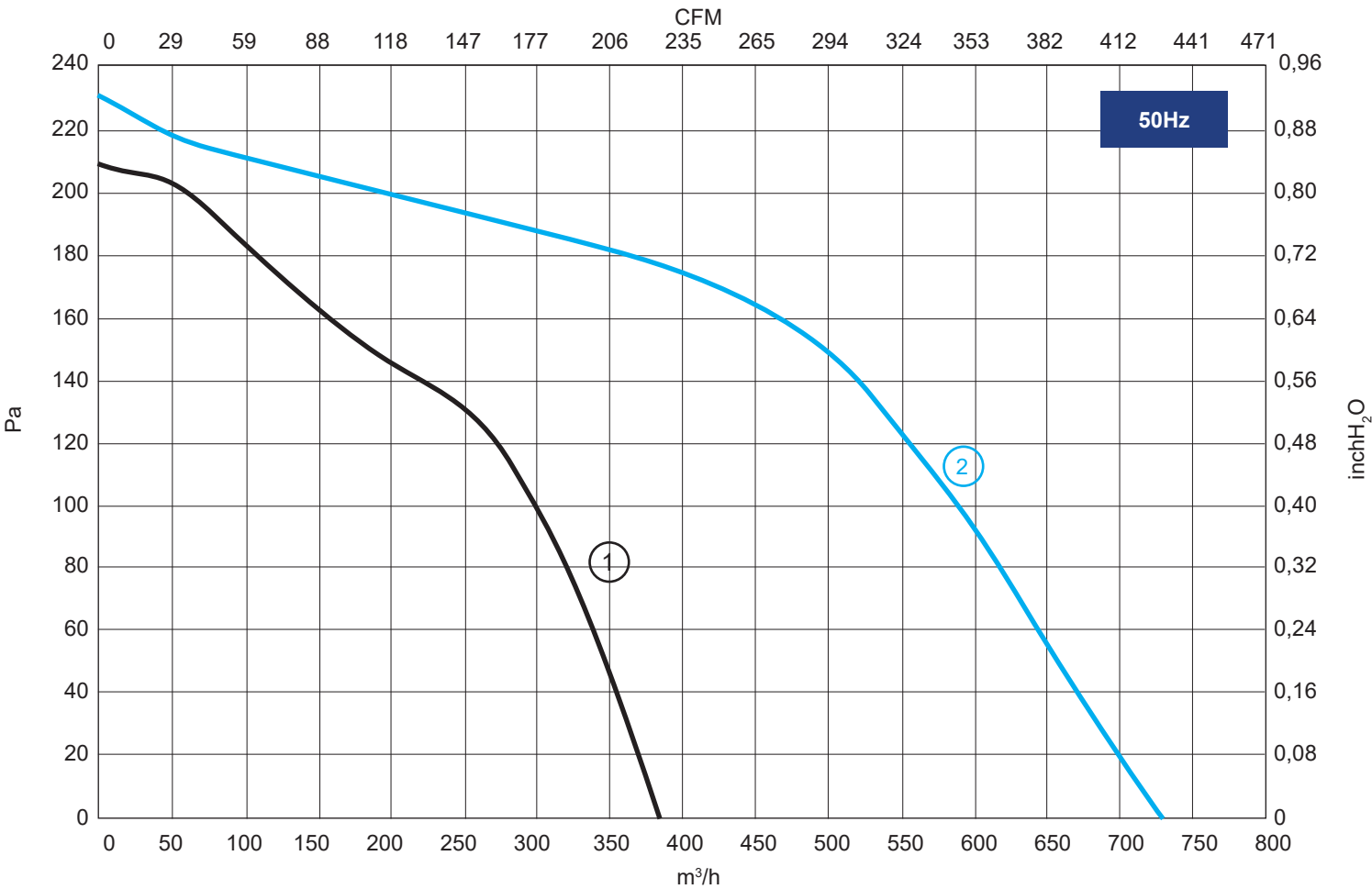


Curve	GTA		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Cable length [mm)
	Code	Pal. Qty				
1	Q11-05*	80	19008	19008	21236	900
2	Q11-06*	40	19019	19049	21197	900
3	R01-06	30	19008	19008	21181	900



More information about accessories:
*Regularly on stock

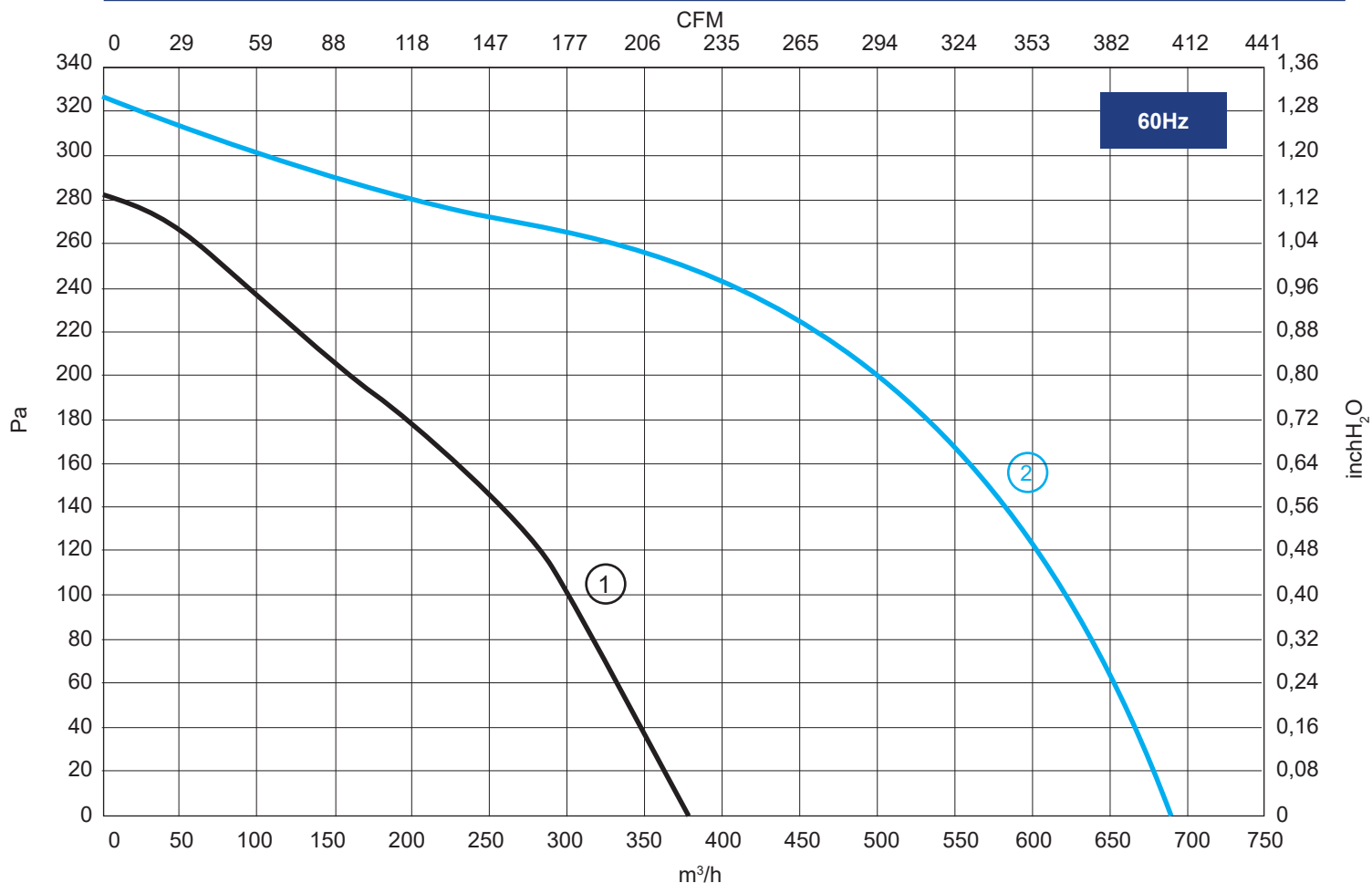




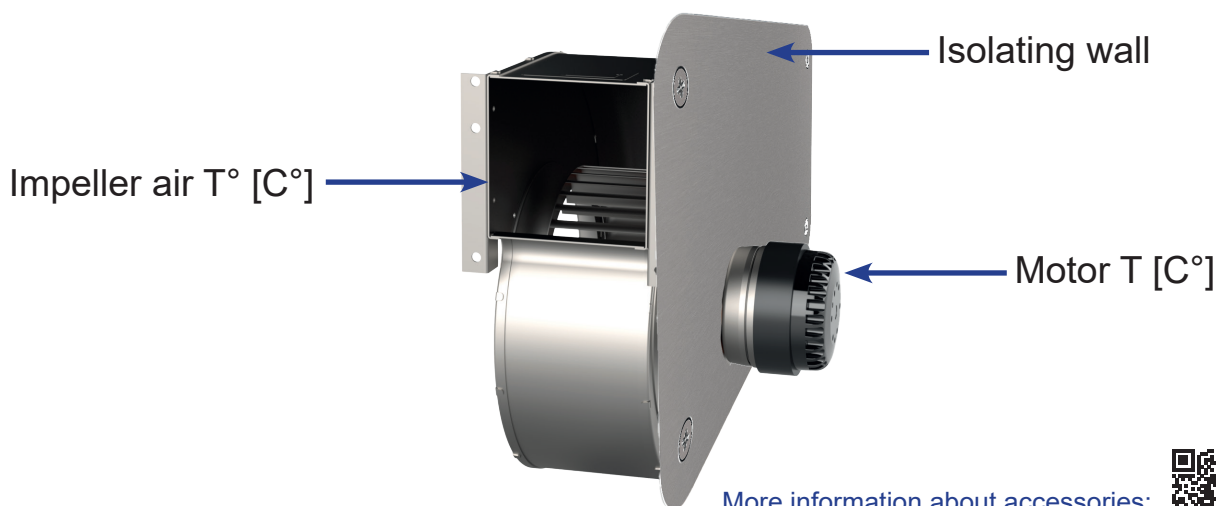
Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	Max Air T° C° (motor)	Max Air T° C° (impeller)	IP
1	4GRA25 180x70R		230	50	0,22	50	640	1,5	-20 / +60	+150	IP44
				60	0,24	55	640	1,5	-20 / +50	+150	
2	4GRA45 180x92R		230	50	0,56	128	1065	3,0	-20 / +50	+150	IP44
				60	0,64	142	960	2,5	-20 / +70	+150	

ErP 2015

Air density 1,20kg/m³

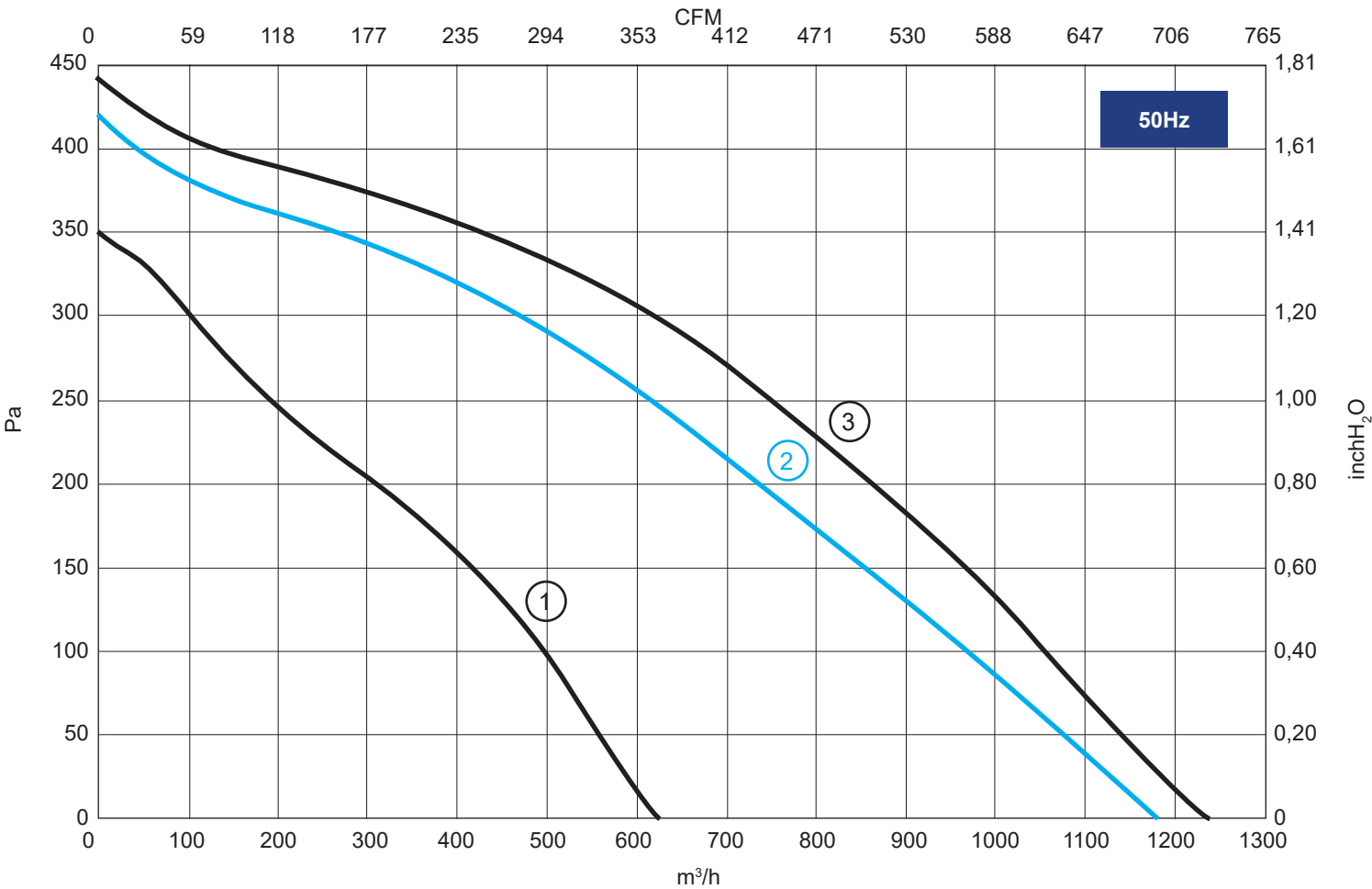
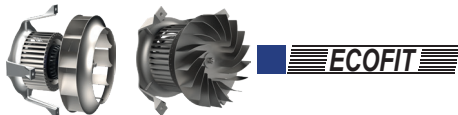


Curve	GRA		50Hz Capa PN	60Hz Capa PN	Finger guard PN	Cable length [mm)
	Code	Pal. Qty				
1	Q06-35	30	19005	19005	21181	900
2	K09-03	24	19012	19011	21181	900



More information about accessories:
*Regularly on stock

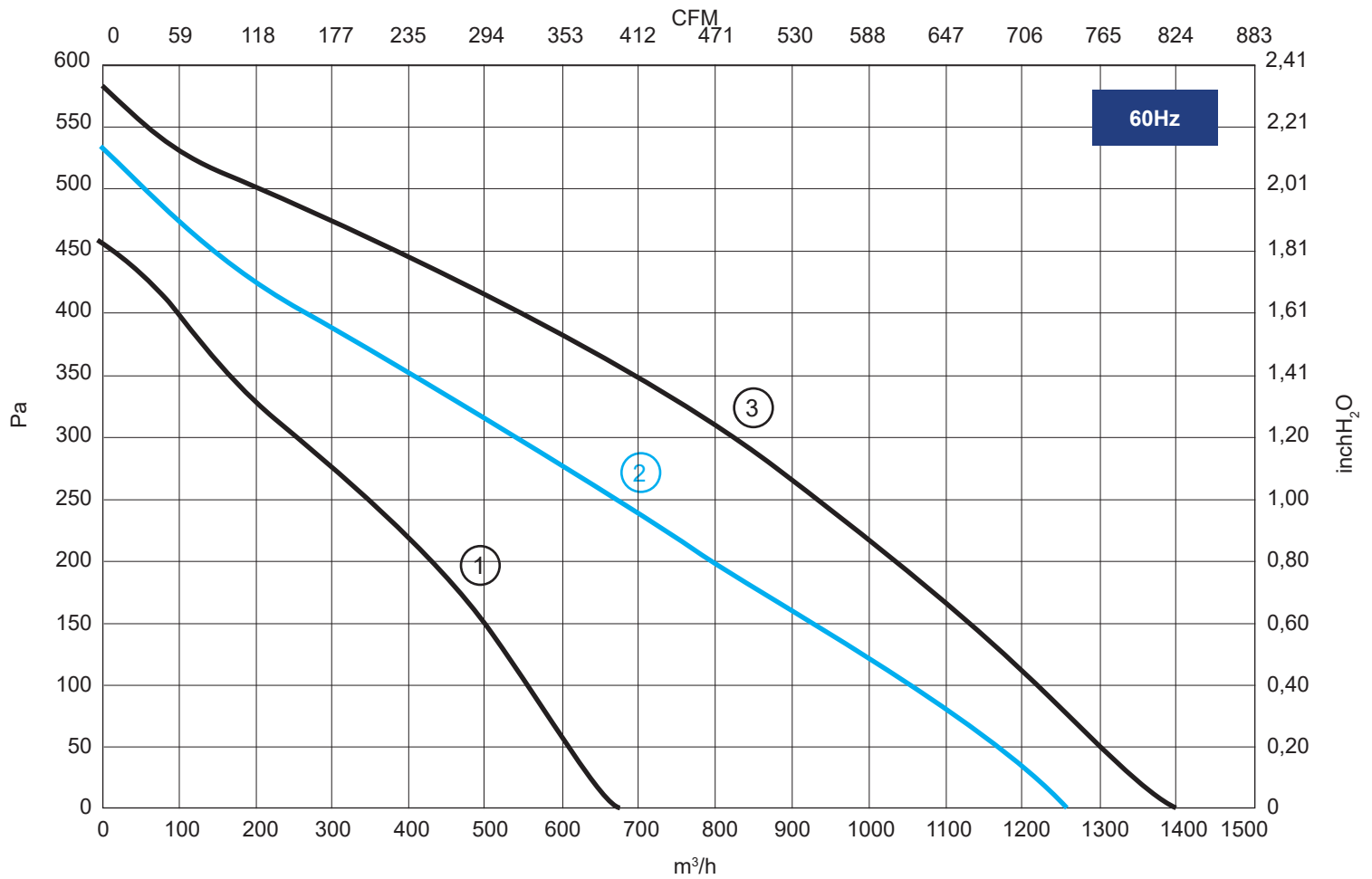
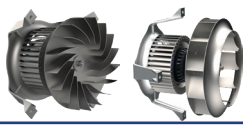




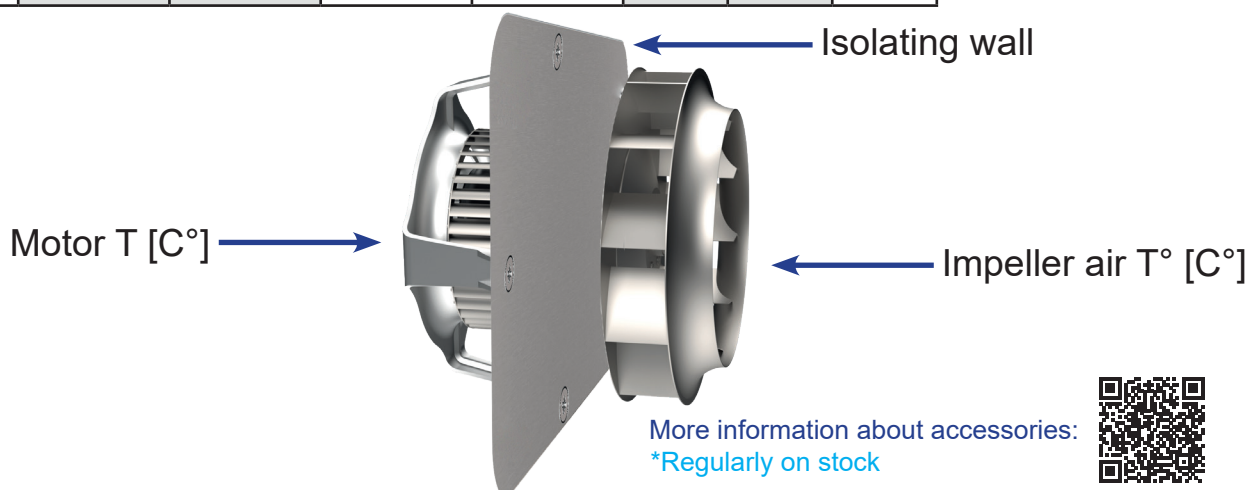
Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [µF]	Max Air T° C° (motor)	Max Air T° C° (impeller)	D [mm]	IP
1	2DTR45 180x32R		230	50	0,58	133	2650	4	-40 / +70	+300	37	IP44
				60	0,82	188	2830	4	-40 / +70	+300		
2	2DTR45 225x40R		230	50	0,55	120	2690	4	-40 / +70	+300	95,5	IP44
				60	0,81	177	2940	4	-40 / +70	+300		
2	2DTR45 225x40R		230	50	0,55	120	2690	4	-40 / +70	+300	52,5	IP44
				60	0,81	177	2940	4	-40 / +70	+300		
3	2DTRt45 225x40R		400	50	0,33	141	2755	-	-40 / +70	+300	52,5	IP44
				60	0,35	190	3100	-	-40 / +70	+300		
3	2DTRt45 225x40R		400	50	0,33	141	2755	-	-40 / +70	+300	95,5	IP44
				60	0,35	190	3100	-	-40 / +70	+300		

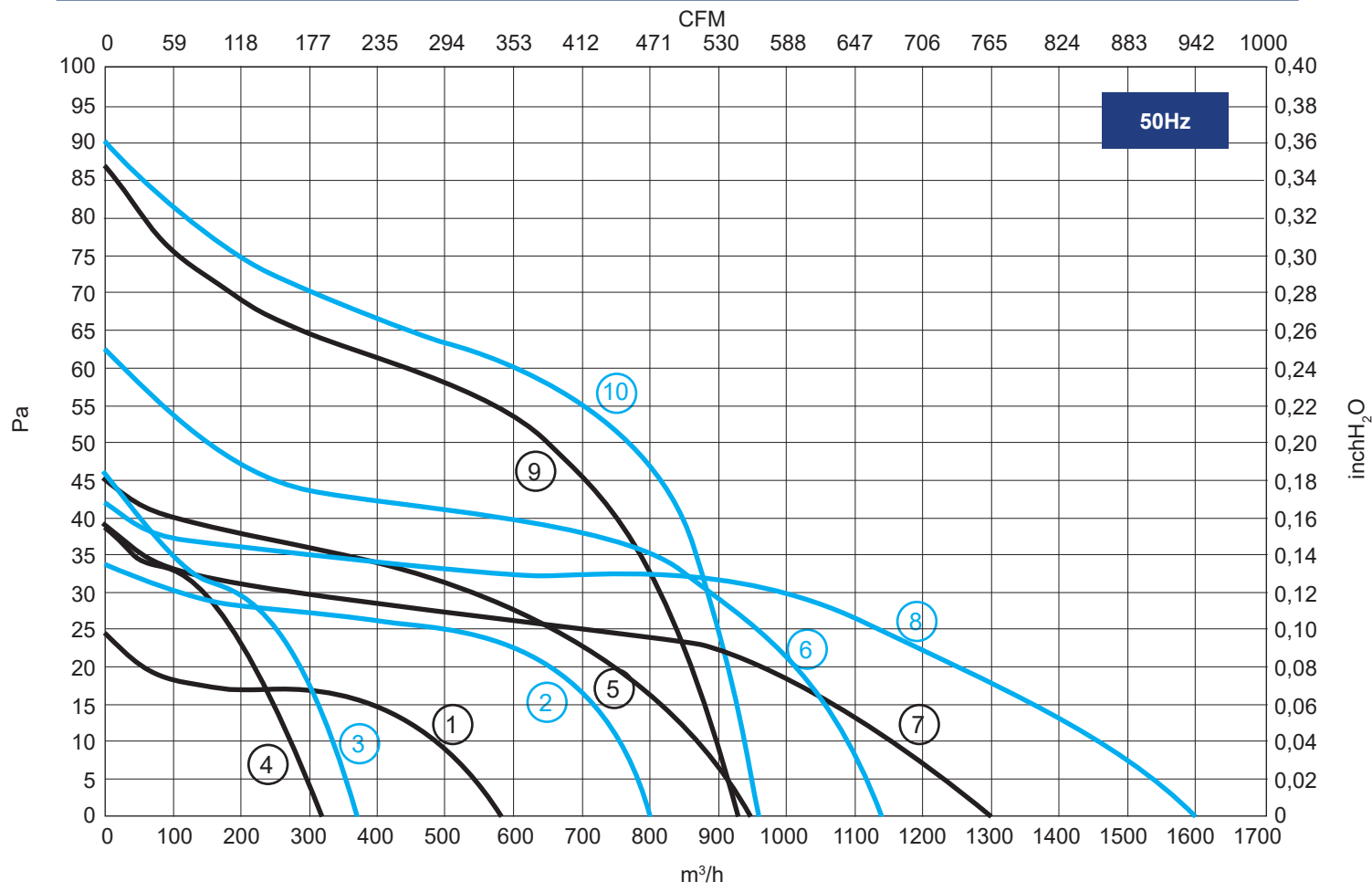
ErP 2015

Air density 1,20kg/m³



Curve	DTR		DTR		50Hz Capa PN	60Hz Capa PN	Cable length [mm]
	Code	Pal. qty	Code	Pal. qty			
1	J01-04	50			19019	19019	600
2			Q11-04*	48	19019	19019	600
2			K03-16	48	19019	19019	600
3			Z23-06	44			600
3			Z23-07*	44			600

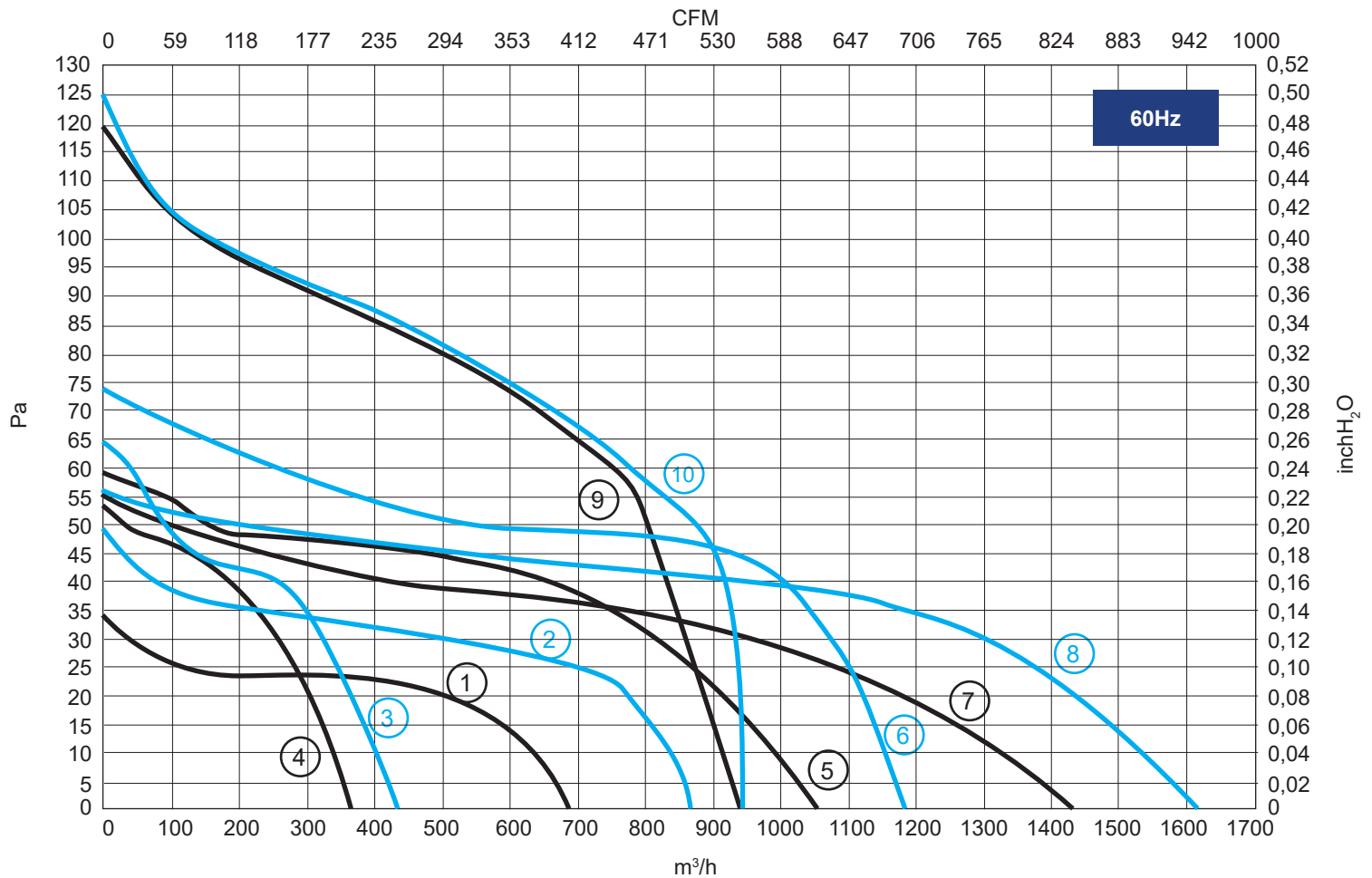




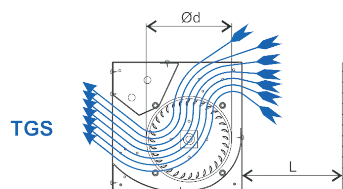
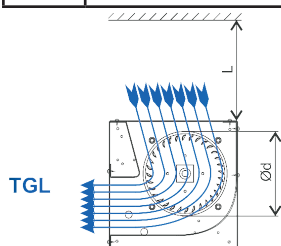
Curve	Designation	ErP	U [V]	f [Hz]	I [A]	P [W]	n [rpm]	C400V [μF]	T [C°]	IP
1	4TGS25 80x600R		230	50	0,29	56	1330	1,5	-20 / +70	IP20
				60	0,26	56	1540	1,5	-20 / +70	
2	4TGL25 80x600R		230	50	0,30	63	1180	1,5	-20 / +70	IP20
				60	0,31	71	1225	1,5	-20 / +70	
3	4TGL25 100x200R		230	50	0,27	51	1345	1,5	-20 / +70	IP20
				60	0,24	53	1585	1,5	-20 / +70	
4	4TGS25 100x200R		230	50	0,27	50	1365	1,5	-20 / +70	IP20
				60	0,23	50	1605	1,5	-20 / +70	
5	4TGS35 100x600R		230	50	0,39	83	1230	2,5	-20 / +70	IP20
				60	0,44	100	1385	2,5	-20 / +70	
6	4TGL35 100x600R		230	50	0,45	98	1040	2,5	-20 / +70	IP20
				60	0,50	108	1100	2,5	-20 / +70	
7	4TGS45 100x1030R		230	50	0,44	89	1240	2,5	-20 / +70	IP20
				60	0,48	108	1355	2,5	-20 / +70	
8	4TGL45 100x1030R		230	50	0,50	104	1115	2,5	-20 / +70	IP20
				60	0,56	123	1175	2,5	-20 / +70	
9	4TGS35 133x400R		230	50	0,50	108	875	2,5	-20 / +70	IP20
				60	0,53	119	865	2,5	-20 / +70	
10	4TGL35 133x400R		230	50	0,50	114	650	2,5	-20 / +70	IP20
				60	0,54	123	775	2,5	-20 / +60	

ErP 2015

Air density 1,20kg/m³



Curve	TGS/TGL		50Hz Capa PN	60Hz Capa PN	Connector	Capacitor
	Code	Pal. Qty				
1	Z21-33	54	19005	19005		Mounted on the housing*
2	Z21-34	32	19005	19005		
3	T10-18	30	19005	19005		
4	T10-17	30	19005	19005		
5	T10-19	28	19011	19011		
6	T10-20	28	19011	19011		
7	T10-21	20	19011	19011		
8	T10-22	20	19011	19011		
9	Z21-35	12	19011	19011		
10	Z21-36	12	19011	19011		



More information about accessories:
*Regularly on stock



Code	Désignation	Page	Code	Désignation	Page	Code	Désignation	Page
B			C41-A5 2RRE25 220x45R (Inv)	23		N17-A3 4GDF65 180x180L	15	
B22-B0 2VRE15 170A	27		D			N19-A5 2VRE45 300A	27	
B22-B1 2VRE15 170V	27		D04-A4 2RREA3 133x42R	19		N19-B0 2VRE45 300V	27	
B22-B2 2VRE15 200A	27		D25-A0 2TREA3 108x52R	5		N19-B1 2VGR45 300A	27	
B22-B3 2VRE15 200V	27		D25-A1 2TREA3 120x62R	5		N19-B2 2VGR45 300V	27	
B22-B4 2VRE25 250A	27		D25-A5 2GRE43 120x62R	5		N19-B3 2VPR45 300A	27	
B22-B5 2VRE25 250V	27		D25-B1 2GRE43 120x62R	5		N19-B4 2VPR45 300V	27	
B22-B8 4VRE15 170A	29		D25-B5 2GRE43 120x62R	5		N19-B5 2VGV45 300A	27	
B22-B9 4VRE15 170V	29		D27-A0 2VGC25 250V	27		N19-B6 2VGV45 300V	27	
B22-C0 4VRE15 200A	29		E			N19-B7 2VGC45 300A	27	
B22-C1 4VRE15 200V	29		E37-A0 2GRE43 108x52R	5		N19-B8 2VGC45 300V	27	
B22-C2 4VRE25 250A	29		H			N19-B9 2VGV45 300A	27	
B22-C3 4VRE25 250V	29		H06-16 2RRE25 225x40R	19		N38-A2 2VREt45 300A	31	
B22-C4 4VRE35 300A	29		I			N38-A3 2VREt45 300V	31	
B22-C5 4VRE35 300V	29		I32-A7 4GDS25 133x190LR	13		N38-A4 2VGRt45 300A	31	
B22-D0 2VGR15 200A	27		I32-A8 4GDS25 133x190LR	13		N38-A5 2VGRt45 300V	31	
B22-D1 2VPR15 200A	27		I32-A9 4GDS25 133x190LR	13		N38-A6 2VPRt45 300A	31	
B22-D2 2VGV15 200A	27		J			N38-A7 2VPRt45 300V	31	
B22-D3 2VGC15 200A	27		J01-04 2DTR45 180x32R	41		N38-A8 2VGVt45 300A	31	
B22-D4 2VGR15 200V	27		K			N38-A9 2VGVt45 300V	31	
B22-D5 2VPR15 200V	27		K03-16 2DTR45 225x40R	41		N38-B0 2VGCt45 300A	31	
B22-D6 2VGV15 200V	27		K09-03 4GRA45 180x92R	39		N38-B1 2VGCt45 300V	31	
B22-D7 2VGC15 200V	27		K09-10 2TRE15 140x59R	5		P		
B22-D8 2VGR25 250A	27		L			P18-A0 2RRE45 250x50R	19	
B22-D9 2VPR25 250A	27		L11-B1 4GDF55 160x160L	15		P28-A4 4VRE45 350A	29	
B22-E0 2VGV25 250A	27		L21-A1 4TRE45 200x75R	7		P28-A5 4VRE45 350V	29	
B22-E1 2VGC25 250A	27		L23-A6 2GDS35 133x190L	11		P28-A6 4VGR45 350A	29	
B22-E2 2VGR25 250V	27		L23-A7 2GDS35 133x190L	11		P28-A7 4VGR45 350V	29	
B22-E3 2VPR25 250V	27		L23-A8 2GDS35 133x190L	11		P28-A8 4VPR45 350A	29	
B22-E4 2VGV25 250V	27		L47-A2 2RRE35 225x50R	19		P28-A9 4VPR45 350V	29	
B22-E5 2VGC25 250V	27		L47-A3 2RRE45 250x50R	19		P28-B0 4VGV45 350V	29	
B22-F4 4VGR15 200A	29		M			P28-B1 4VGC45 350A	29	
B22-F5 4VPR15 200A	29		M03-21 4RRE15 225x40R	21		P28-B2 4VGC45 350V	29	
B22-F6 4VGV15 200A	29		M05-A1 2TREG9 160x62R	9		P38-A2 VREV8 350A	35	
B22-F7 4VGC15 200A	29		M23-B0 2RRE45 225x50R	19		P38-A3 VREV8 350V	35	
B22-F8 4VGR15 200V	29		M23-B1 2RRE25 225x50R	19		P38-A4 VREV8 400A	35	
B22-F9 4VPR15 200V	29		N			P38-A5 VREV8 400V	35	
B22-G0 4VGV15 200V	29		N05-48 2GRE15 140x59R	5		P38-A8 VGRV8 350A	35	
B22-G1 4VGC15 200V	29		N05-55 2TRE35 160x62R	5		P38-A9 VGRV8 350V	35	
B22-G2 4VGR25 250A	29		N05-56 2GRE35 160x62R	5		P38-B0 VGRV8 400A	35	
B22-G3 4VPR25 250A	29		N05-61 4TRE25 160x62R	7		P38-B1 VGRV8 400V	35	
B22-G4 4VGV25 250A	29		N05-62 4GRE25 160x62R	7		P38-B3 VPRV8 350V	35	
B22-G5 4VGC25 250A	29		N08-A3 4VGV45 350A	29		P38-B4 VPRV8 400V	35	
B22-G6 4VGR25 250V	29		N08-A7 2RRM45 250x50R	19		P38-B6 VGVV8 350A	35	
B22-G7 4VPR25 250V	29		N15-A9 2TRE45 160x62R	5		P38-B7 VGVV8 400A	35	
B22-G8 4VGV25 250V	29		N15-B0 2GRE45 160x62R	5		P38-B9 VGCV8 350A	35	
B22-G9 4VGC25 250V	29		N15-B1 2GRE45 160x62R	5		P38-C0 VGCV8 400A	35	
B22-H0 4VGR35 300A	29		N15-B2 2GRE45 160x62R	5		P38-D0 RREV8 250x50R	25	
B22-H1 4VPR35 300A	29		Q			P38-D1 RREV8 280x50R	25	
B22-H2 4VGV35 300A	29		Q06-35 4GRA25 180x70R	39		P38-D2 RREV8 280x80R	25	
B22-H3 4VGC35 300A	29		Q07-08 2GRE15 133x49R	5		P38-D3 RREV8 315x88R	25	
B22-H4 4VGR35 300V	29		Q07-10 2GRE15 140x59R	5		P38-D4 4RRE45 315x88R	21	
B22-H5 4VPR35 300V	29					C		
B22-H6 4VGV35 300V	29					C23-A6 2VGC25 200V	27	
B22-H7 4VGC35 300V	29					C36-A4 2RRE25 220x45R (Inv)	23	
B28-A0 4RRE25 225x63R	21							

Code	Désignation	Page	Code	Désignation	Page	Code	Désignation	Page
Q07-36	2GRE15 133x49R	5	R12-24	4VPRt25 200A	33	X		
Q07-38	2GRE15 140x59R	5	R12-25	4VPRt25 200V	33	X52-A0	RREG9 220x43R	25
Q07-45	2GRE35 160x62R	5	R12-26	4VPRt25 250A	33	X52-A2	RREG9 192x40R	25
Q07-48	4GRE25 160x62R	7	R12-27	4VPRt25 250V	33	Y		
Q10-21	2GRE15 133x49R	5	R12-28	4VPRt35 300A	33	Y02-A1	RREG9 225x63R	25
Q10-22	2TRE15 133x49R	5	R12-29	4VPRt35 300V	33	Y02-A3	RREG9 225x50R	25
Q10-A4	GDSV8 160x242L	17	R12-34	2VGVt25 200A	31	Y02-A5	RREG9 250x50R	25
Q11-04	2DTR45 225x40R	41	R12-35	2VGVt25 200V	31	Y02-A9	RRMG9 225x50R	25
Q11-05	2GTA15 120x62R	37	R12-36	2VGVt35 250A	31	Y02-A8	RRMG9 225x63R	25
Q11-06	2GTA35 140x59R	37	R12-37	2VGVt35 250V	31	Y02-B0	RRMG9 250x50R	25
Q12-A1	GDSV8 160x242L	17	R12-40	4VGVt25 200A	33	Y02-D6	GREG9 160x62R	9
Q13-A2	RREV8 250x50R	25	R12-41	4VGVt25 200V	33	Y02-D8	GREG9 160x62R	9
Q13-A5	RRMV8 250x50R	25	R12-42	4VGVt25 250A	33	Y12-A0	GDSG9 146x188R	17
Q13-B1	RREG9 250x50R	25	R12-43	4VGVt25 250V	33	Y25-A2	RREF5 175x42R	25
Q13-B2	RRMV8 250x50R	25	R12-44	4VGVt35 300A	33	Y41-01	4TRE25 180x75R	7
Q37-A4	GDSV8 160x242L	17	R12-45	4VGVt35 300V	33	Y41-02	4GRE25 180x75R	7
Q37-A5	GDSV8 160x242L	17	R12-50	2VGCt25 200A	31	Y41-03	4GRE25 180x75R	7
Q37-A6	GDSV8 160x242L	17	R12-51	2VGCt25 200V	31	Y41-04	4GRE25 180x75R	7
Q37-A7	GDSV8 160x242L	17	R12-52	2VGCt35 250A	31	Y41-05	4TRE35 180x75R	7
Q37-A8	GDSV8 180x180L	17	R12-53	2VGCt35 250V	31	Y41-06	4GRE35 180x75R	7
Q37-A9	GDSV8 180x180L	17	R12-56	4VGCt25 200A	33	Y41-07	4GRE35 180x75R	7
Q37-B0	GDSV8 180x180L	17	R12-57	4VGCt25 200V	33	Y41-08	4GRE35 180x75R	7
Q37-B1	GDSV8 180x180L	17	R12-58	4VGCt25 250A	33	Y43-05	2GDS15 120x126L	11
Q37-B2	GDSV8 180x180L	17	R12-59	4VGCt25 250V	33	Y43-06	2GDS25 133x190R	11
Q37-B3	GDSV8 180x180L	17	R12-60	4VGCt35 300A	33	Y43-09	4GDS25 133x190L	13
Q37-C0	GDSV8 146x188L	17	R12-61	4VGCt35 300V	33	Y43-10	4GDS25 146x180L	13
Q37-C3	GDSV8 146x188L	17	R25-A1	RRMV8 280x80R	25	Y45-03	2GRF65 180x52R	5
Q37-C6	GDSV8 160x160L	17	R27-A7	2RRM45 250x50R	19	Z		
Q37-C9	GDSV8 160x160L	17	R28-B3	RREV8 280x65R	25	Z04-04	2VGV25 200A	27
Q38-A0	GREV8 160x62R	9	R28-B4	RRMV8 280x65R	25	Z10-12	2TRE25 140x59R	5
Q38-A1	GREV8 160x62R	9	S			Z10-13	2GRE25 140x59R	5
Q38-A2	GREV8 180x75R	9	S05-B1	2RRM35 225x50R	19	Z10-14	2GRE25 140x59R	5
Q38-A3	GREV8 180x75R	9	S15-A0	RRMV8 315x88R	25	Z10-15	2GRE25 140x59R	5
R			T			Z16-01	2VGV25 250A	27
R01-06	4GTA25 180x70R	37	T10-17	4TGS25 100x200R	43	Z18-05	4GDS25 146x216L	13
R10-26	2VREt25 200A	31	T10-18	4TGL25 100x200R	43	Z18-06	4GDS35 160x160L	13
R10-27	2VREt25 200V	31	T10-19	4TGS35 100x600R	43	Z18-07	2GDS15 120x126L	11
R10-28	2VREt35 250A	31	T10-20	4TGL35 100x600R	43	Z18-08	2GDS25 133x190R	11
R10-29	2VREt35 250V	31	T10-21	4TGS45 100x1030R	43	Z18-12	4GDS25 133x190L	13
R10-32	4VREt25 200A	33	T10-22	4TGL45 100x1030R	43	Z18-13	4GDS25 146x180L	13
R10-33	4VREt25 200V	33	T37-A1	TREF5 120x62R	9	Z18-14	4GDS25 146x216L	13
R10-34	4VREt25 250A	33	T37-A2	GREF5 120x62R	9	Z18-15	4GDS35 160x160L	13
R10-35	4VREt25 250V	33	T37-A6	GREF5 120x62R	9	Z18-16	2GDS15 120x126L	11
R10-36	4VREt35 300A	33	T37-A7	GREF5 140x59R	9	Z18-17	2GDS25 133x190R	11
R10-37	4VREt35 300V	33	T37-A9	GDRF5 120x126L	17	Z18-21	4GDS25 133x190L	13
R12-02	2VGRT25 200A	31	T37-B1	GDRF5 120x126L	17	Z18-22	4GDS25 146x180L	13
R12-03	2VGRT25 200V	31	T37-B5	RREF5 192x40R	25	Z18-23	4GDS25 146x216L	13
R12-04	2VGRT35 250A	31	T37-B6	RREF5 220x43R	25	Z18-24	4GDS35 160x160L	13
R12-05	2VGRT35 250V	31	T37-C7	TREF5 140x59R	9	Z19-02	4RRE25 250x56R	21
R12-08	4VGRT25 200A	33	T37-F7	GREF5 120x62R	9	Z19-03	4RRE35 280x80R	21
R12-09	4VGRT25 200V	33	U			Z19-04	4RRE35 280x90R	21
R12-10	4VGRT25 250A	33	U24-A2	2RRE15 192x40R	19	Z19-A2	VGRG9 200A	35
R12-11	4VGRT25 250V	33	U24-A7	4RRE15 192x40R	21	Z19-A3	VGRG9 250A	35
R12-12	4VGRT35 300A	33	U24-A9	2RRE15 192x40R (Inv)	23	Z19-A4	VGRG9 300A	35
R12-13	4VGRT35 300V	33	U24-B0	2RRE15 192x40R (Inv)	23	Z21-33	4TGS25 80x600R	43
R12-18	2VPRt25 200A	31	U24-C6	2RRE25 220x43R	19	Z21-34	4TGL25 80x600R	43
R12-19	2VPRt25 200V	31				Z21-35	4TGS35 133x400R	43
R12-20	2VPRt35 250A	31						
R12-21	2VPRt35 250V	31						

Code	Désignation	Page	Code	Désignation	Page
Z21-36	4TGL35 133x400R	43			
Z21-A5	GD SG9 146x188R	17			
Z21-A6	GD SG9 146x188R	17			
Z21-A7	GD SG9 146x188R	17			
Z21-A8	GD SG9 146x188R	17			
Z21-A9	GD SG9 146x188R	17			
Z21-B6	GREG9 160x62R	9			
Z21-B7	GREG9 160x62R	9			
Z21-B8	GREG9 160x62R	9			
Z21-B9	GREG9 160x62R	9			
Z21-C5	TREG9 160x62R	9			
Z21-C6	TREG9 160x62R	9			
Z21-C7	VGCG9 200A	35			
Z21-C8	VGCG9 200V	35			
Z21-C9	VGCG9 250A	35			
Z21-D0	VGCG9 250V	35			
Z21-D1	VGCG9 300A	35			
Z21-D7	VGRG9 200V	35			
Z21-D8	VGRG9 250V	35			
Z21-D9	VGRG9 300V	35			
Z21-E6	VGVG9 200A	35			
Z21-E7	VGVG9 250A	35			
Z21-E8	VGVG9 300A	35			
Z21-F2	VPRG9 200V	35			
Z21-F3	VPRG9 250V	35			
Z21-F4	VPRG9 300V	35			
Z21-F8	VREG9 200A	35			
Z21-F9	VREG9 200V	35			
Z21-G0	VREG9 250A	35			
Z21-G1	VREG9 250V	35			
Z21-G2	VREG9 300A	35			
Z21-G3	VREG9 300V	35			
Z23-06	2DTRt45 225x40R	41			
Z23-07	2DTRt45 225x40R	41			
Z35-A4	2RRE15 192x40R	19			
Z38-A4	RRMG9 192x40R	25			
Z38-A5	RRMG9 192x40R	25			
Z38-A6	RRMG9 220x43R	25			
Z38-A7	RRMG9 220x43R	25			
Z38-B1	RRMG9 225x63R	25			

Flow laws

Speed variation at constant fan size and constant density:

The volume flow changes proportionately to the speed

All pressures (static dynamic and total) change proportionately to the square of the speed

The power requirement changes proportionately to the third power of the speed

$$\frac{\dot{V}_1}{\dot{V}_2} = \frac{n_1}{n_2}$$

$$\frac{p_{st1}}{p_{st2}} = \left(\frac{n_1}{n_2}\right)^2 = \left(\frac{\dot{V}_1}{\dot{V}_2}\right)^2$$

$$\frac{P_1}{P_2} = \left(\frac{n_1}{n_2}\right)^3 = \left(\frac{\dot{V}_1}{\dot{V}_2}\right)^3$$

$$\frac{\dot{V}_1}{\dot{V}_2} = \left(\frac{D_1}{D_2}\right)^3$$

In the case of changes in the wheel diameter of geometrically similar wheels at constant speed:

The volume flow changes proportionately to the third power of the wheel diameter

All pressures (static dynamic and total) change proportionately to the square of the square of the wheel diameter

The power requirement changes proportionately to the fifth power of the wheel diameter

$$\frac{p_{st1}}{p_{st2}} = \left(\frac{D_1}{D_2}\right)^2$$

$$\frac{P_1}{P_2} = \left(\frac{D_1}{D_2}\right)^5$$

$$\dot{V} = \text{constant}$$

Changes in the density at constant speed (or change of the Kelvin temperature at a constant flow medium):

The volume flow is not affected

All pressures (static dynamic and total) change proportionately to the square of the speed

The power requirement changes proportionately to the density

$$\frac{p_{st1}}{p_{st2}} = \frac{\rho_1}{\rho_2} = \frac{T_2}{T_1}$$

$$\frac{P_1}{P_2} = \frac{\rho_1}{\rho_2} = \frac{T_2}{T_1}$$

Volume flow units

Unit	Name of the unit	m ³ /s	m ³ /min	m ³ /h	l/h	l/s	ft ³ /s cu.ft/s	ft ³ /min cu.ft/min	gal/min (UK)	gal/min (US)
1 m ³ /s	cubic meter/sec.	1	60	3600	3.6*10 ⁶	1000	35.31	2118.8	1.32*10 ⁴	1.587*10 ⁴
1 m ³ /min	cubic meter/min.	0.01667	1	60	6.0*10 ⁴	16.667	0.5885	35.31	220	260
1 m ³ /h	cubic meter/hour	2.778*10 ⁻⁴	0.01667	1	1000	0.2778	9.808*10 ⁻³	0.5886	3.667	4.403
1 l/h = 1 dm ³ /h	liter / hour	2.778*10 ⁻⁷	1.667*10 ⁻⁵	0.001	1	2.778*10 ⁻⁴	9.808*10 ⁻⁶	5.886*10 ⁻⁴	3.667*10 ⁻³	4.403*10 ⁻³
1 l/s = 1 dm ³ /s	liter / sec.	0.001	0.05999	3.6	3600	1	3.531*10 ⁻²	2.1188	13.198	15.8502
1 cu.ft/s	cubic foot/sec.	2.832*10 ⁻²	1.6992	102	1.02*10 ⁵	28.3179	1	60	373.9	448.9
1 cu.ft/min	cubic foot/min.	4.179*10 ⁻⁴	2.832*10 ⁻²	1.70	1.70*10 ³	0.47197	1.667*10 ⁻²	1	6.229	7.480
1 gal/min (UK)	gallone/min.	7.577*10 ⁻⁵	4.546*10 ⁻³	2.728*10 ⁻¹	272.8	0.07577	2.675*10 ⁻³	0.1605	1	1.201
1 gal/min (US)	gallone/min.	6.302*10 ⁻⁵	3.846*10 ⁻³	2.271*10 ⁻¹	227.1	0.06309	2.227*10 ⁻³	0.1336	0.8328	1

Pressure units

Unit	Name of the unit	Pa = N/m ²	bar	mbar	kp/m ² = mmWS	kp/cm ² = at	atm	Torr = mm Hg	lbf/in ²	lbf/ft ²	in Hg
1 Pa = 1 N/m ²	Pascal	1	0.00001	0.01	0.10197	0.00001	-	0.0075	0.00014	0.02089	0.000295
1 bar	Bar	100000	1	1000	10197.2	1.01972	0.98692	750.062	14.5037	2088.54	29.53
1 mbar	Millibar	100	0.001	1	10.197	0.00102	0.000987	0.750	0.01450	2.08854	0.02953
1 kp/m ² = 1 mmWS	mm column of water	9.80665	-	0.09807	1	0.0001	-	0.07356	0.00142	0.20482	0.0029
1 kp/cm ² = 1 at	technical atmosphere	98066.5	0.98067	980.66	10000	1	0.96784	735.559	14.2233	2048.16	28.959
1 atm	physical atmosphere	101325	1.01325	1013.25	10332.3	1.03323	1	760	14.696	2116.22	29.9213
1 Torr = 1 mmHg	mm column of mercury	133.322	0.00133	1.3332	13.5951	0.00136	0.00132	1	0.01934	2.78449	0.03937
1 lbf/in ²	pound-force per square inch	6894.76	0.06895	68.9476	703.07	0.07031	0.06805	51.7149	1	144	2.03602
1 lbf/ft ²	pound force per square foot	47.8803	0.00048	0.47880	4.88243	0.00048	0.00047	0.35913	0.00694	1	0.01414
1 in Hg	inch column of mercury	3386.39	0.03386	33.8639	345.316	0.03453	0.03342	25.4	0.49115	70.7262	1
1 in H ₂ O	inch column of water	249	0.00249	2.4909	25.4	0.00254	-	1.8684	0.0315	5.2024	0.07366

Rosenberg Vendôme SAS
13 Rue Marc Seguin - ZI SUD
F-41100 Vendôme

T. +33(0) 2 54 23 14 54
www.ecofit.com
info@ecofit.com

