**ebm-papst Mulfingen GmbH & Co. KG**

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www.ebmpapst.cominfo1@de.ebmpapst.com**Nominal data**

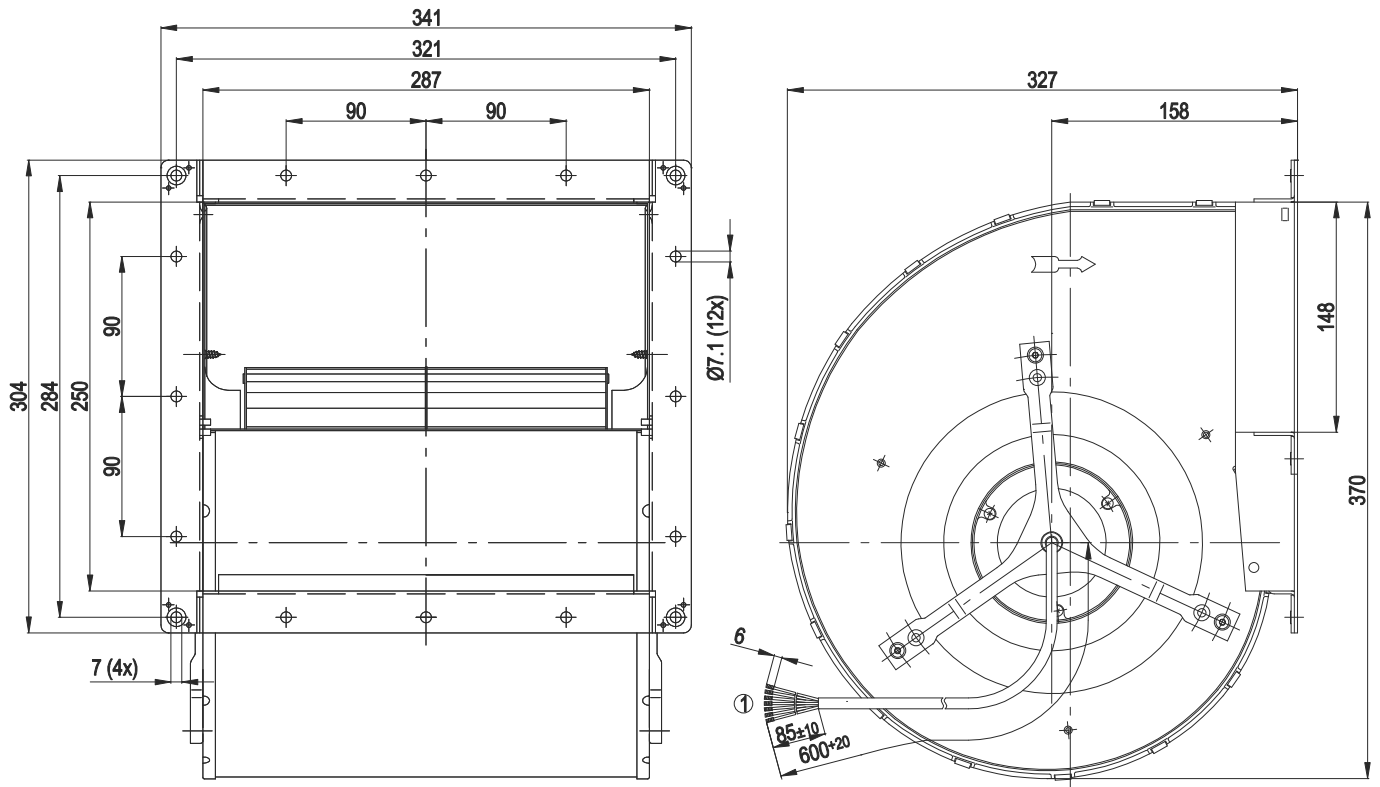
Type	D4D225-CC01-02				
Motor	M4D074-LA				
Phase		3~	3~	3~	3~
Nominal voltage	[V]	230	230	400	400
Connection		D	D	Y	Y
Frequency	[Hz]	50	60	50	60
Type of data definition		ml	ml	ml	ml
Valid for approval / standard		CE	CE	CE	CE
Speed	[min ⁻¹]	1040	1170	1040	1170
Power input	[W]	660	650	660	650
Current draw	[A]	2.08	2.08	1.2	1.2
Min. back pressure	[Pa]	80	200	80	200
Max. ambient temperature	[°C]	40	40	40	40

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

Technical features

Leakage current	< 0.75 mA
Size	225 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Any
Insulation class	"B"
Cable exit	Axial
Condensate discharge holes	None
Bearing motor	Ball bearing
Mass	12.5 kg
Housing material	Sheet steel, hot-galvanised
Material of impeller	Sheet steel, hot-galvanised
Surface of rotor	Coated in black
Type of protection	IP 22
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC

Product drawing

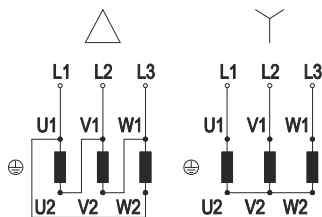


1 Connection line AWG20, 7x brass lead tips crimped

AC centrifugal fan

forward curved, dual inlet
with housing (large flange)

Connection screen



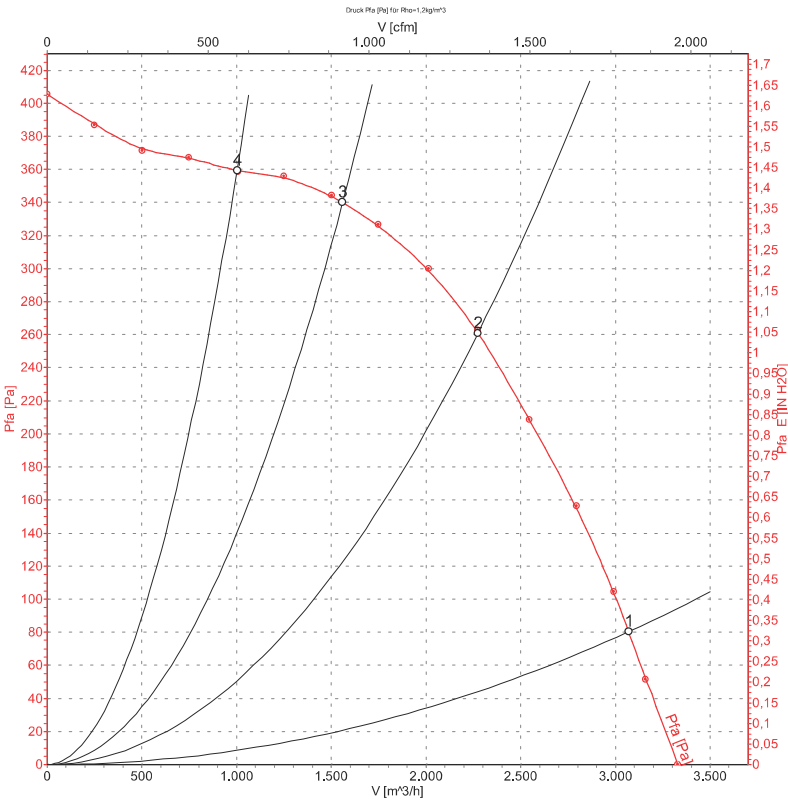
Note: Direction of rotation changes when two phases are reversed

Δ	Delta connection	Y	Star connection	L1	= U1 = black
L2	= V1 = blue	L3	= W1 = brown		

AC centrifugal fan

forward curved, dual inlet
with housing (large flange)

Charts: Air flow 50 Hz



Measurement: LU-105303

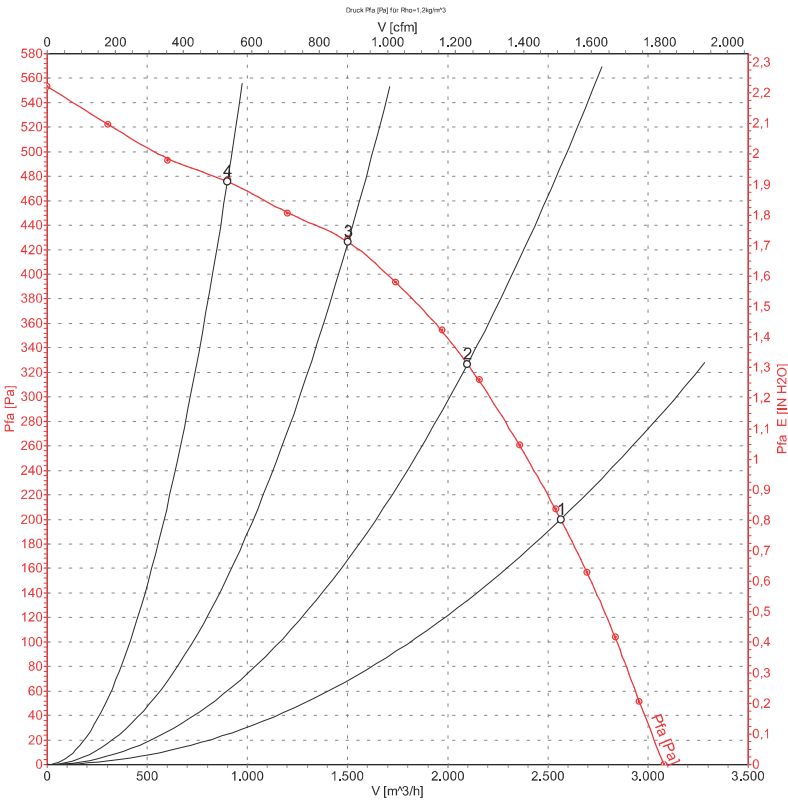
Measured values

	Conn.	U	f	n	P ₁	I	$\dot{V}$	p _{fa}
		[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	Y. aus	400	50	1040	660	1.20	3070	80
2	Y. aus	400	50	1225	473	0.91	2275	260
3	Y. aus	400	50	1330	323	0.71	1560	340
4	Y. aus	400	50	1385	240	0.63	1000	360

AC centrifugal fan

forward curved, dual inlet
with housing (large flange)

Charts: Air flow 60 Hz



Measurement: LU-105306

Measured values

	Conn.	U	f	n	P_1	I	$\dot{V}$	p_{fa}
		[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	Y. aus	400	60	1170	650	1.20	2565	200
2	Y. aus	400	60	1325	554	1.01	2100	325
3	Y. aus	400	60	1495	415	0.78	1500	425
4	Y. aus	400	60	1590	316	0.64	900	480