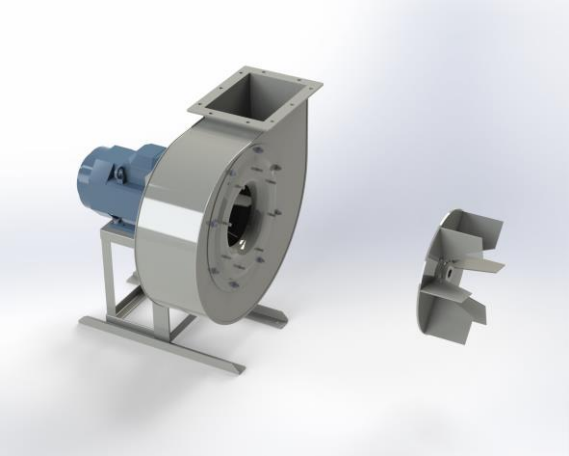
TPA 221



Centrifugal fan model TPA Es.4
Single inlet fan, direct driven with an IEC-standard motor in form B3 which is mounted on a motorbase. The overhang impeller is mounted on the motor shaft and has backwardly curved blades. The robust industrial fan is totally made of steel and painted in the agate grey color RAL 7037. The fan is suitable for the extraction of very dusty air with different types of floating materials.

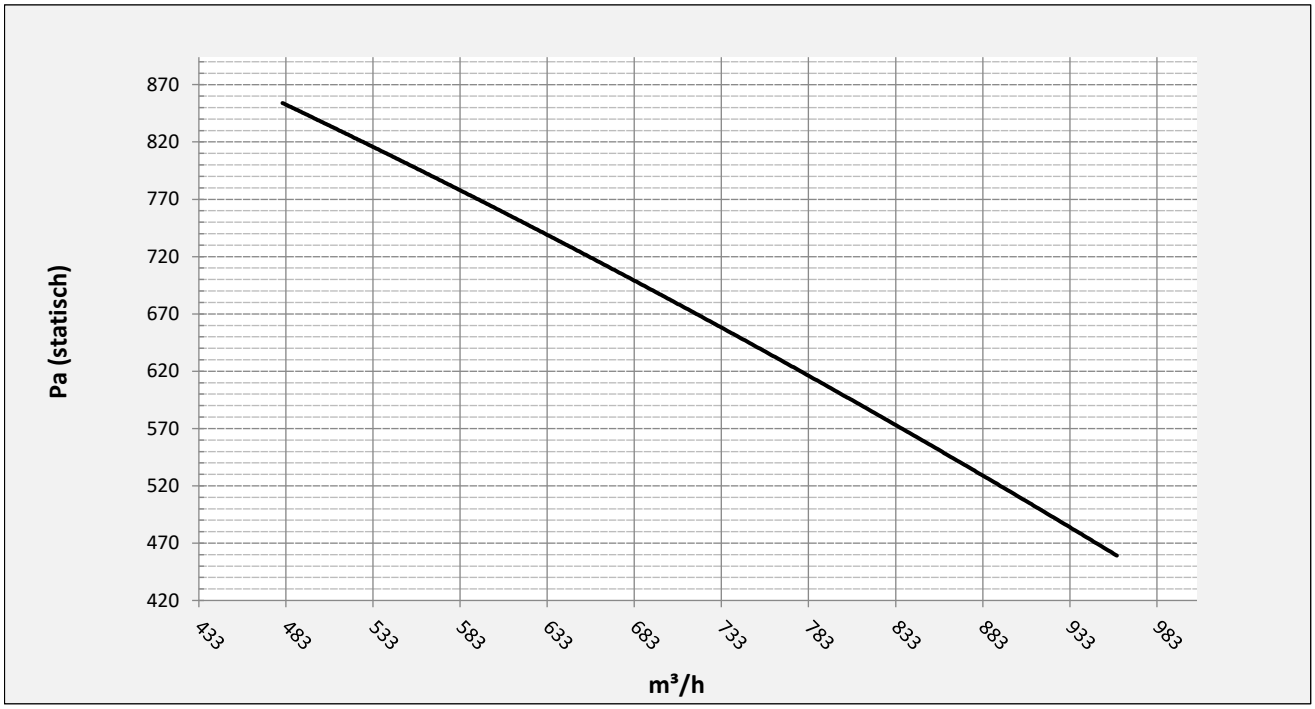
General data:

Drive	**direct**	
Motor position	**horizontal**	
Material casing/base	**Steel**	
Material impeller/hub	**Steel**	
Motorcoating/protection	**RAL 7037**	
Operating temperature (max.)	**15 (80)**	**°C**
Medium density (altitude 0 m)	**1,226**	**kg/m3**
Impeller speed	**2820**	**rpm**
Weight	**23**	**kg**
Sound pressure level ±3 *(at 1,5 m near the fan with inlet and outlet ducted, in free field)*	**70**	**dB(A)**

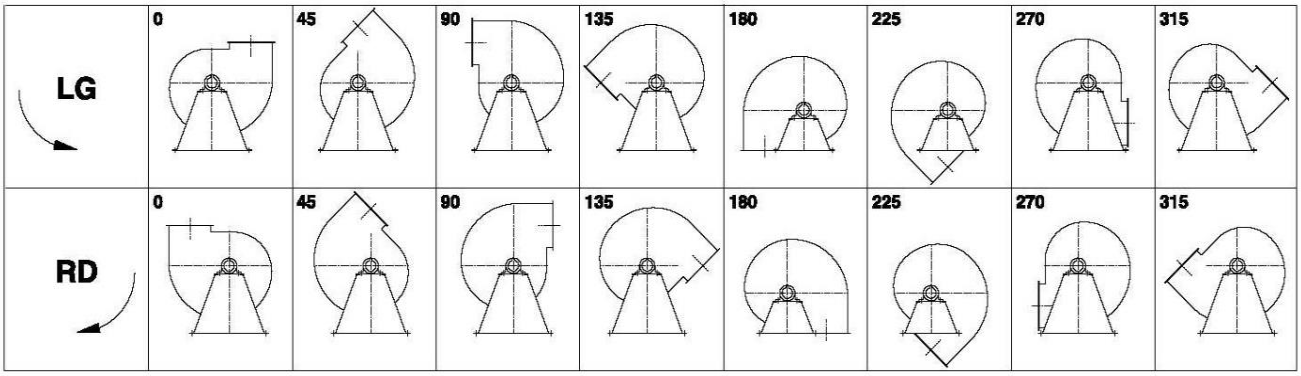
Electric motor:

	71A	**IEC**
Power	**0,37**	**kW**
Motor speed	**2.820**	**rpm**
Electric supply	**3x400V50Hz**	**V/Hz**
Full load current	**0,851**	**A**
Enclosure	**55**	**IP**
Shape	**B3T**	
Efficiency class	**IE3**	

Curve TPA 221 @ 2820rpm @ 15°C @ 0m



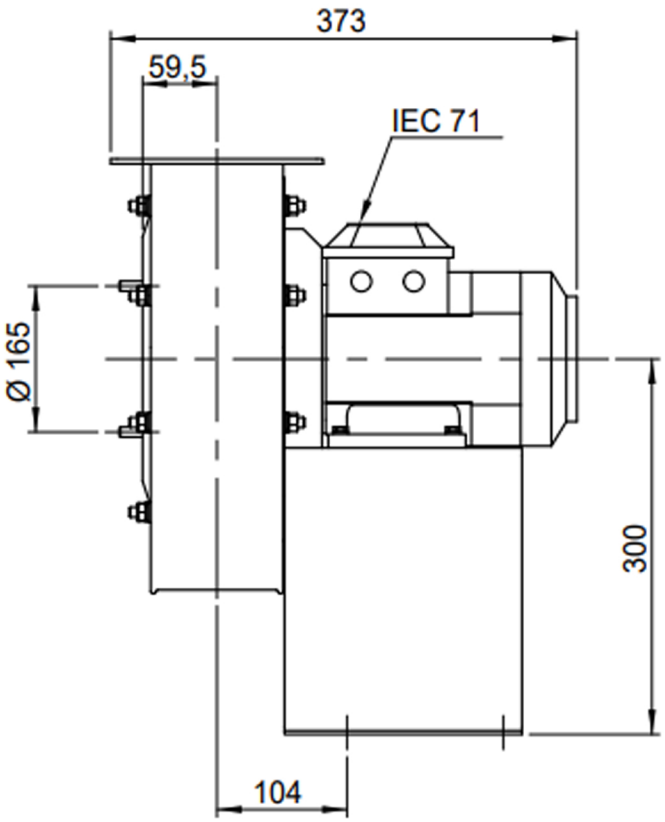
Possible discharge positions:

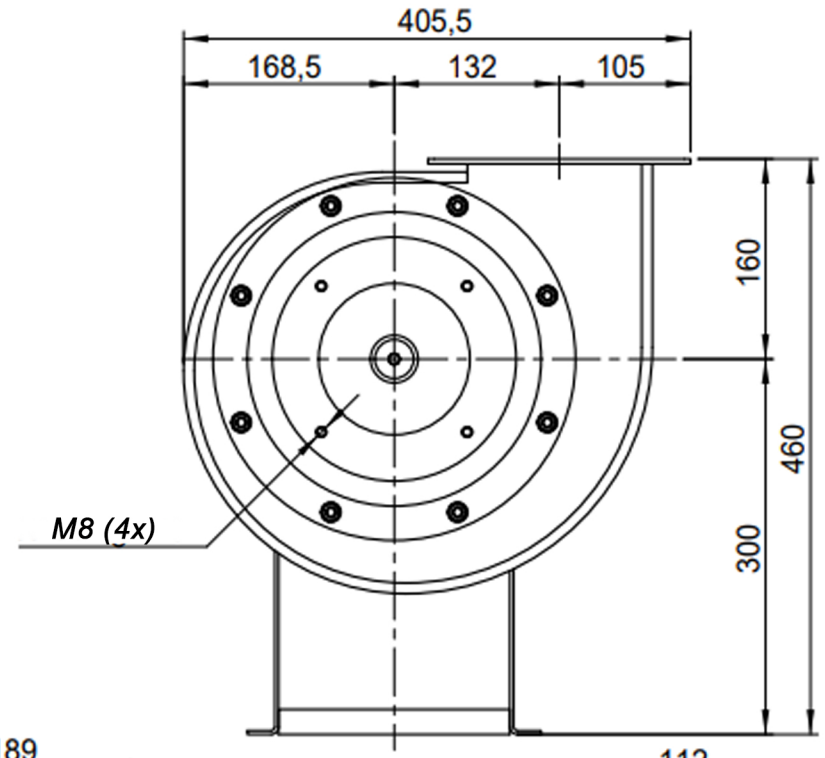


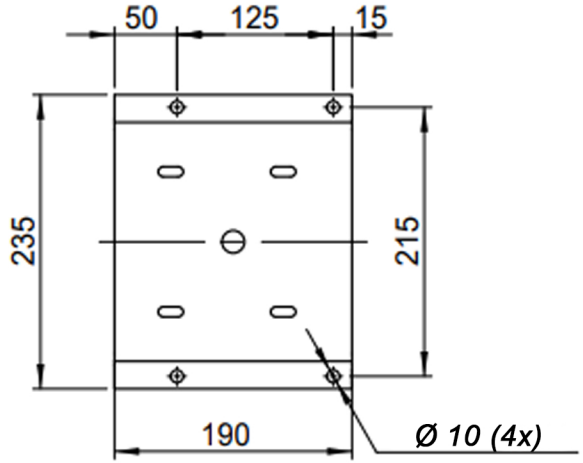
* (Pos 180 and 225 extra price)

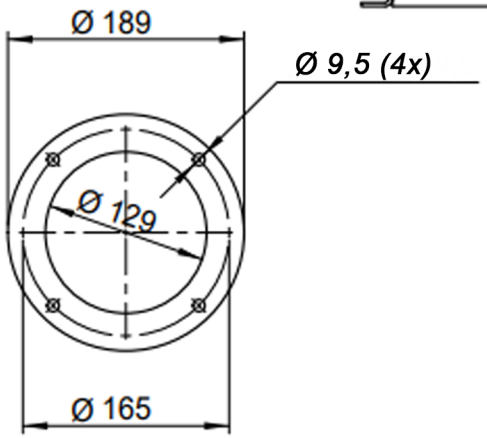
Possible accessories

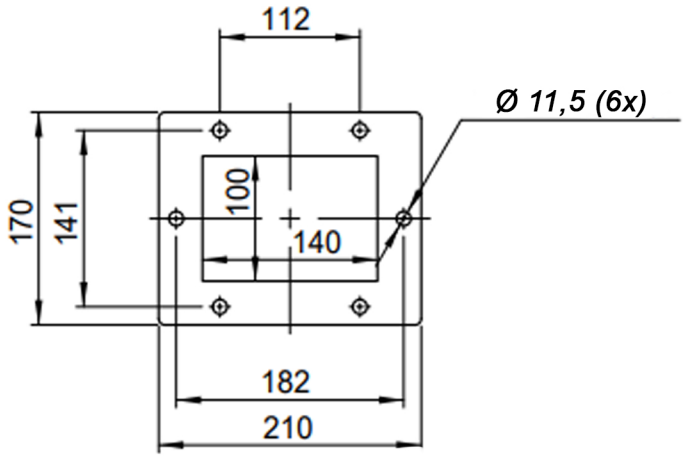
Mounting profiles for load distribution	STF047502
Counterflange inlet/outlet	zz Ø125 / pz 140x100
Flexible connection inlet/outlet max. 80°C	zz Ø160 / pz Ø200
Anti-vibration mountings	4x 30X20/B/40° ShA
Inspectiondoor	
Drain connection	
Shaft seal without asbestos	
Coolingwheel (medium max. 150°C)	(incl. coating RAL9006)
Flexible connection inlet/outlet max. 150°C	zz Ø160 / pz Ø200
ATEX version	Zone 1 / 2 / 21 / 22
ATEX motor	Ex nA / Exe / Ex de
Coating suitable for outdoor application	RAL 5010 / RAL ….
Stainless steel version	304 / 316 / …
Acoustic enclosure	



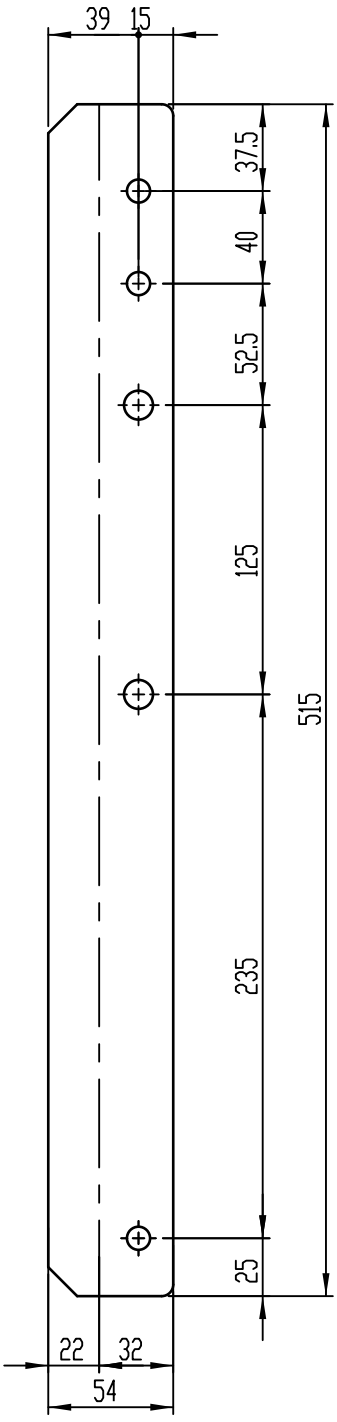


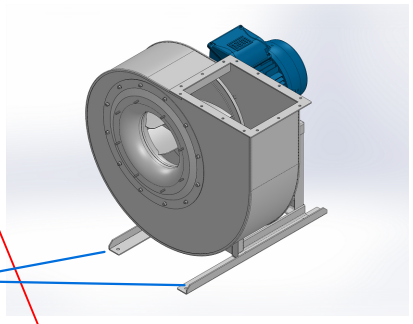


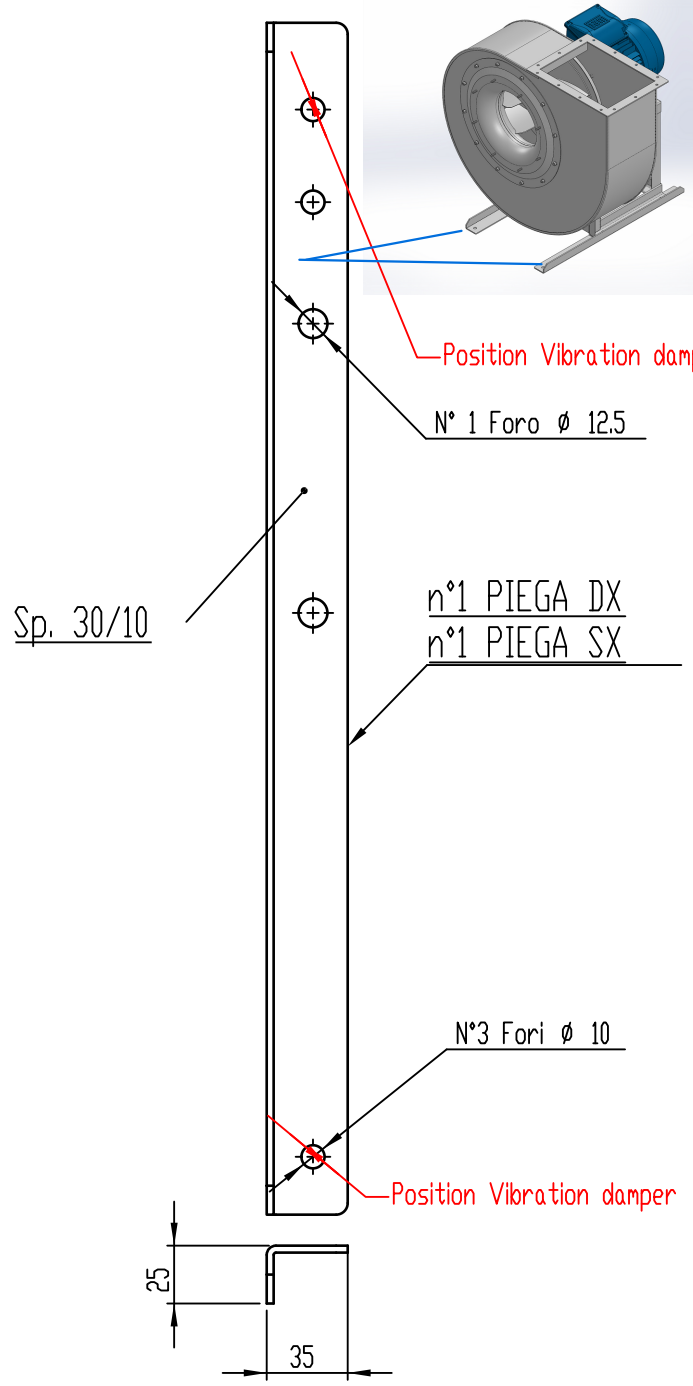




DESCRIPTION-BESCHRIJVING	SCHAAL	GEMAAKT - PREPARED	FORMAAT
TPA221 - RD0	1:6	Overmeer E.	A4
	DATUM 08/12/2023		
Slingerland ventilatoren	N.TEKENING - N.DRAWING V1TPA221		REV. 00







COMM.

N°

REV	DATA - DATE	DESCRIZIONE - DESCRIPTION	DISEGNATO PREPARED	CONTROLLATO CHECKED
01	04/12/2019	Adattamento a sedie nuove	Galiotto M.	De Santi G.
00	11/11/2015	PRIMA EMISSIONE	Galiotto M.	De Santi G.

DESCRIZIONE - DESCRIPTION	MATERIALE - MATERIAL	NR.FILE	PESO - WEIGHT
	Fe 360	EUR00067975	Kg 0.64

DESCRIZIONE - DESCRIPTION

Staffe per Puffer L=515
IEC 71-80

SCALA	DISEGNATO - PREPARED	FORMATO
1:3	Galiotto M.	A4
DATA 04/12/2019		

SOSTITUISCE IL - REPLACED THE N°

SOSTITUITO DAL - REPLACES BY N°

N.DISEGNO - N.DRAWING	REV.
STF047502	01