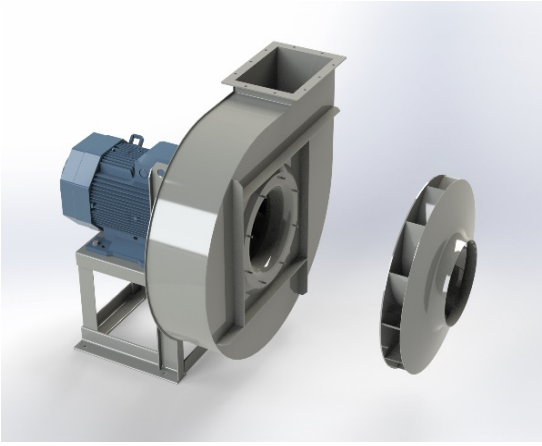
APRH 711B



Centrifugal fan model APRH, Es.4
Single inlet fan, direct driven with an IEC-standard motor in form B3 which is mounted on a motorbase. This series of high-pressure fans is characterized by a high efficiency with electricity saving by installing a special impeller with backward curved blades. The robust industrial fan is totally made of steel and painted in the agate gray RAL 7037. The fan is suitable for the transportation of clean and slightly dusty air.

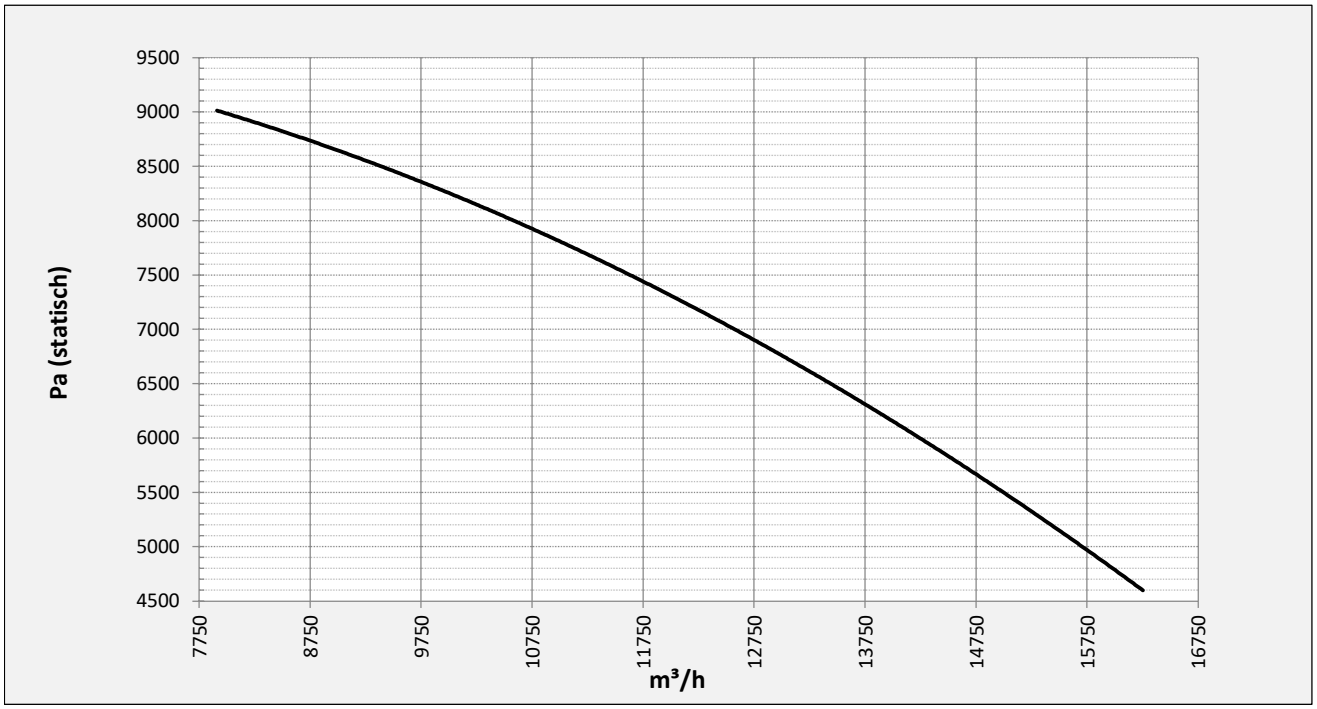
General data:

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	**2960**	**rpm**
Weight	**489**	**kg**
Sound pressure level ±3 *(at 1,5 m near the fan with inlet and outlet ducted, in free field)*	**93**	**dB(A)**

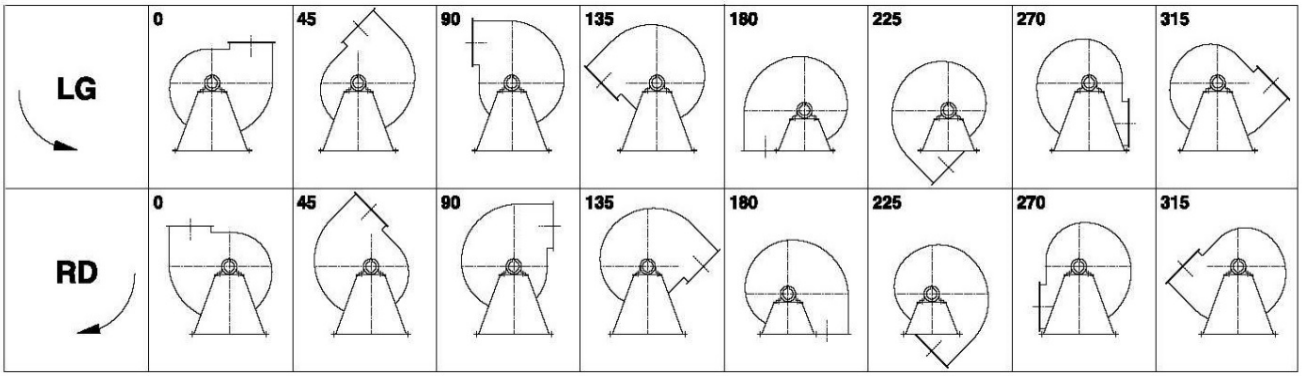
Electric motor:

	200L	**IEC**
Power	**37**	**kW**
Motor speed	**2.960**	**rpm**
Electric supply	**3x400V50Hz**	**V/Hz**
Full load current	**67,8**	**A**
Enclosure	**55**	**IP**
Shape	**B3T**	
Efficiency class	**IE3**	

Curve APRH 711B @ 2960rpm @ 15°C @ 0m



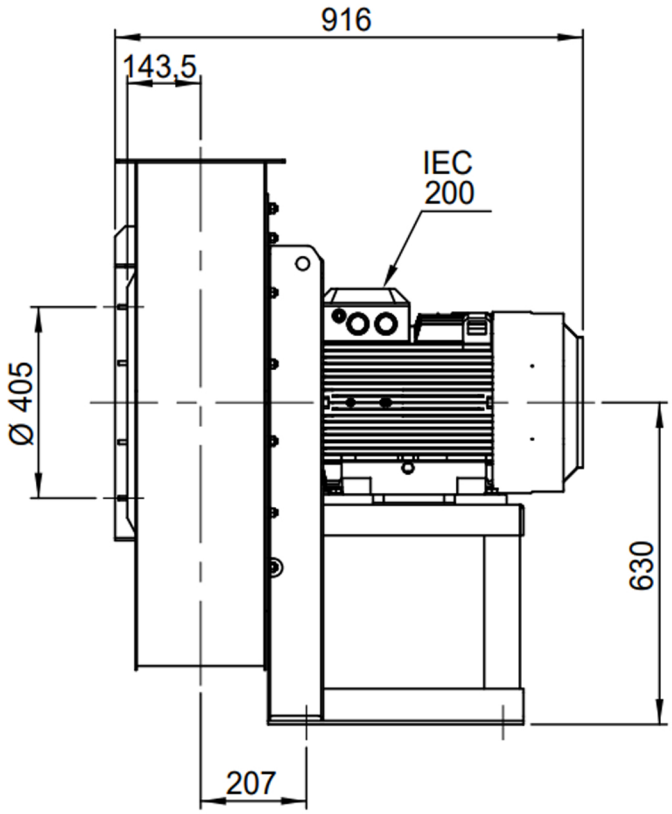
Possible discharge positions:

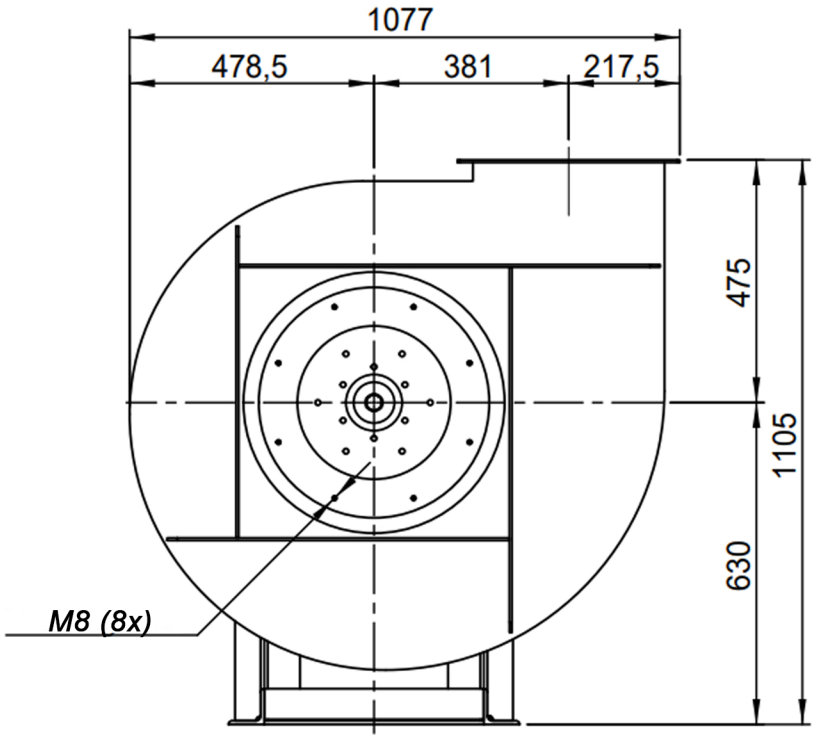


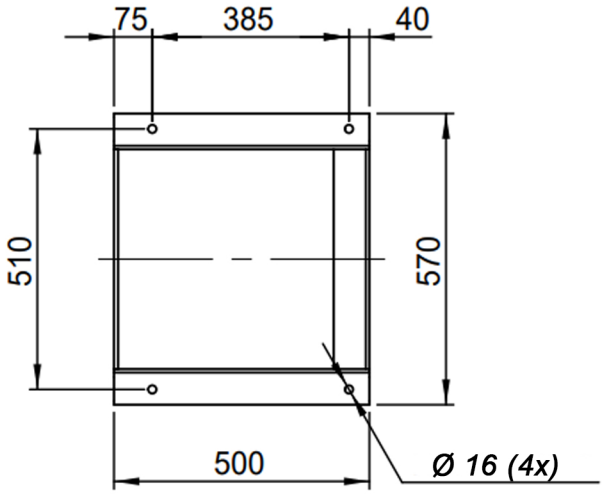
* (Pos 180 and 225 extra price)

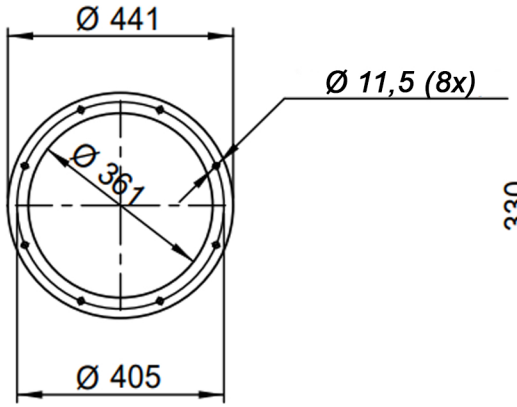
Possible accessories

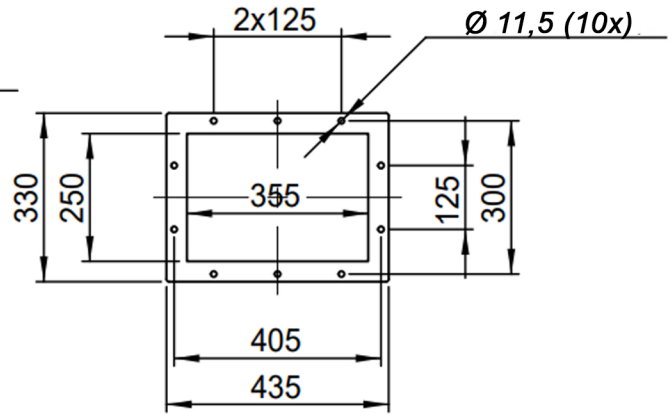
Mounting profiles for load distribution	AP20001ST
Counterflange inlet/outlet	zz Ø355 / pz 355x250
Flexible connection inlet/outlet max. 80°C	zz Ø400 / pz Ø450
Anti-vibration mountings	4x 70X45/B/70° ShA
Inspectiondoor	
Drain connection	
Shaft seal without asbestos	
Coolingwheel (medium max. 150°C)	(incl. coating RAL9006)
Flexible connection inlet/outlet max. 150°C	zz Ø400 / pz Ø450
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	



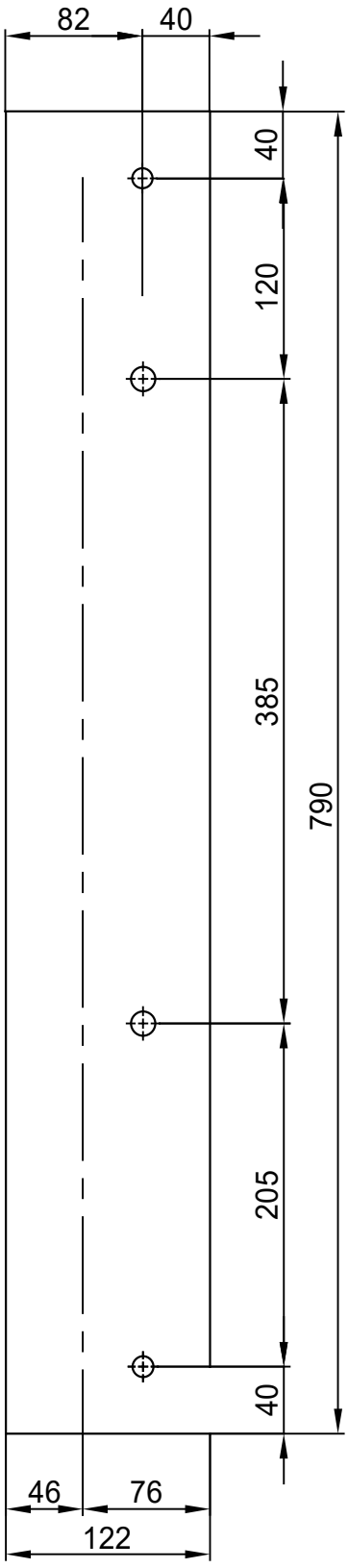


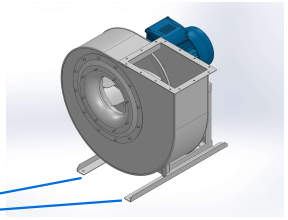


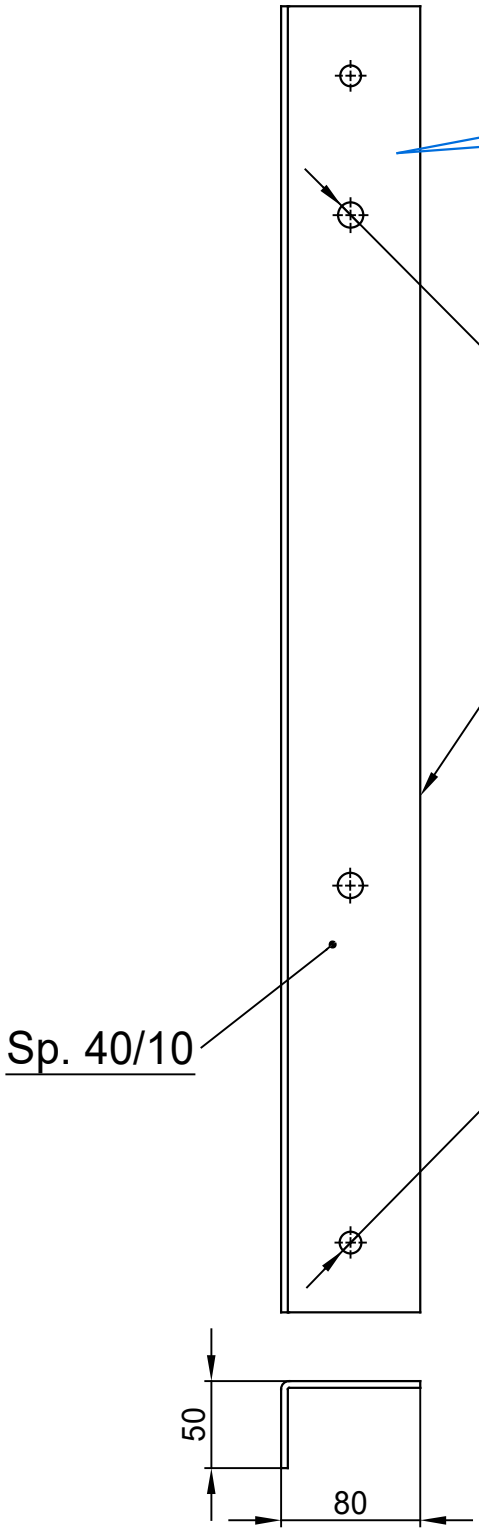




DESCRIPTION-BESCHRIJVING	SCHAAL	GEMAAKT - PREPARED	FORMAAT
APRH711/B - RD0	1:15	Overmeer E.	A4
	DATUM 22/11/2023		
Slingerland ventilatoren	N.TEKENING - N.DRAWING V1APRH711/B		REV. 00







COMM.
N°

REV	DATA - DATE	DESCRIZIONE - DESCRIPTION	DISEGNATO PREPARED	APPROVATO APPROVED
00	04/02/2016	PRIMA EMISSIONE	RK	RK

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

DESCRIZIONE - DESCRIPTION

Staffe per Puffer L=750

IEC 200 / AP series

SCALA	DISEGNATO - PREPARED	FORMATO
1:4.5	RK	A4

DATA 04/02/2016

SOSTITUISCE IL - REPLACED THE N°

SOSTITUITO DAL - REPLACES BY N°

N.DISEGNO - N.DRAWING

STF-AP20001ST

REV.

01

Slingerland ventilatoren