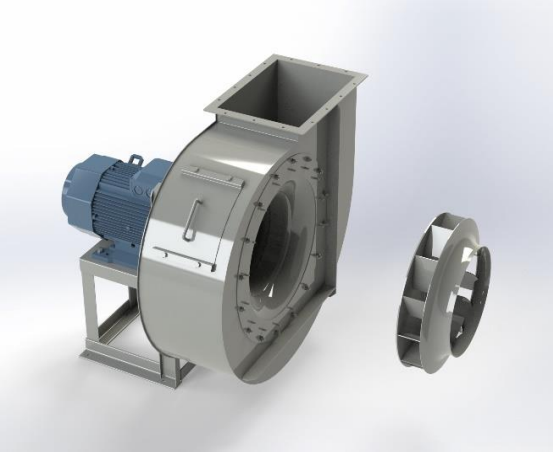
APRL 712A



Centrifugal fan model APRL, 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.

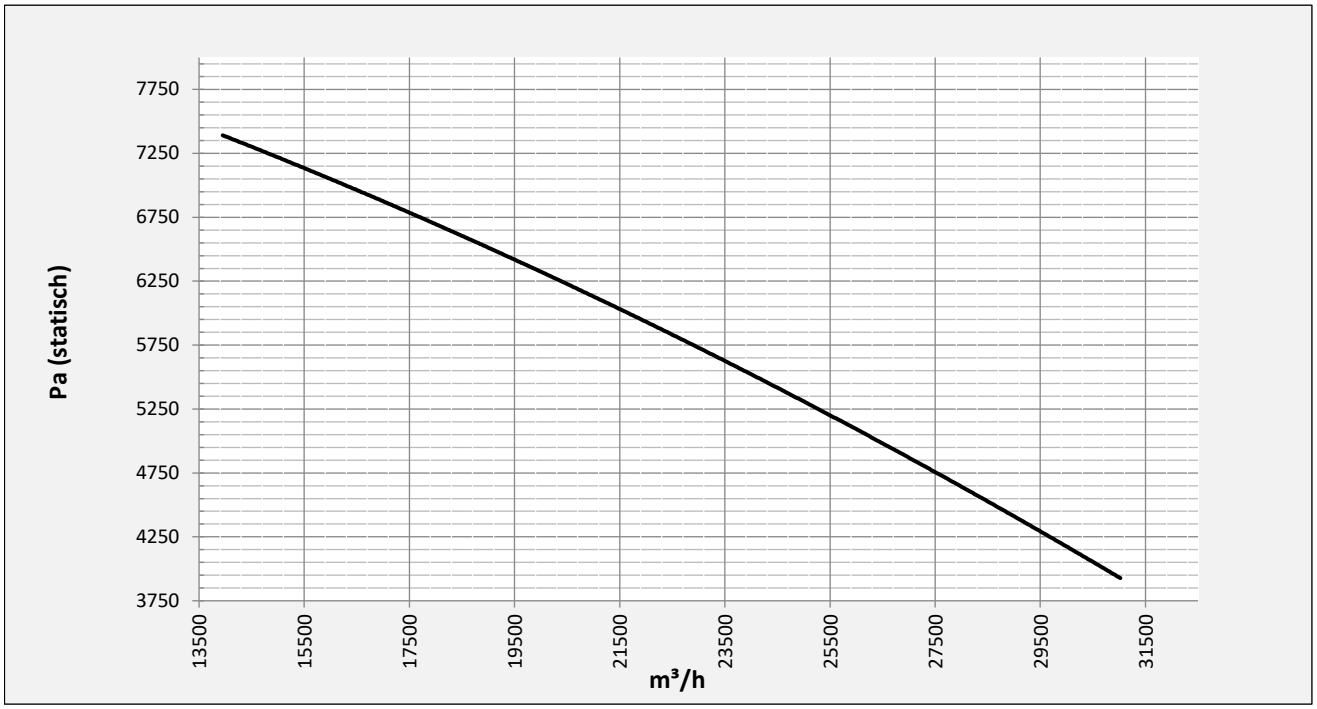
General data:

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

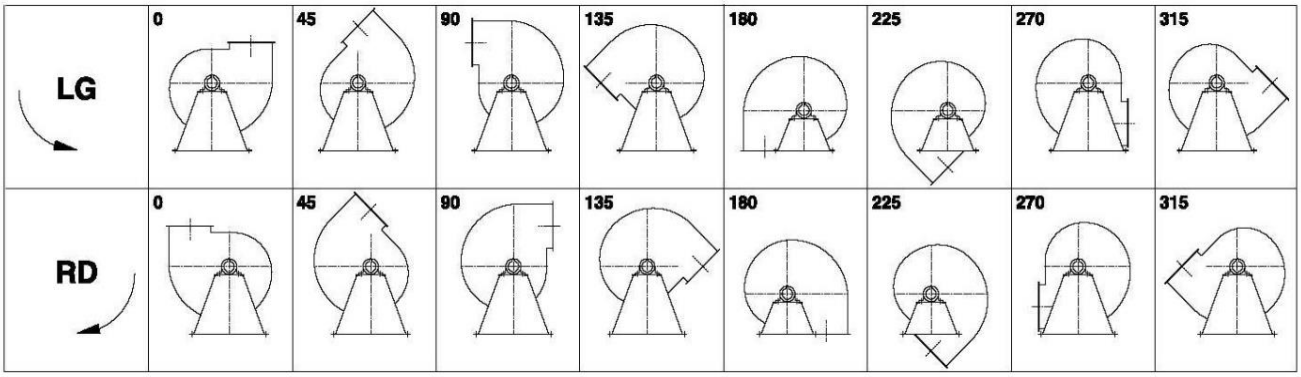
Electric motor:

	250M	**IEC**
Power	**55**	**kW**
Motor speed	**2.960**	**rpm**
Electric supply	**3x400V50Hz**	**V/Hz**
Full load current	**95,6**	**A**
Enclosure	**55**	**IP**
Shape	**B3T**	
Efficiency class	**IE3**	

Curve APRL 712A @ 2960rpm @ 15°C @ 0m



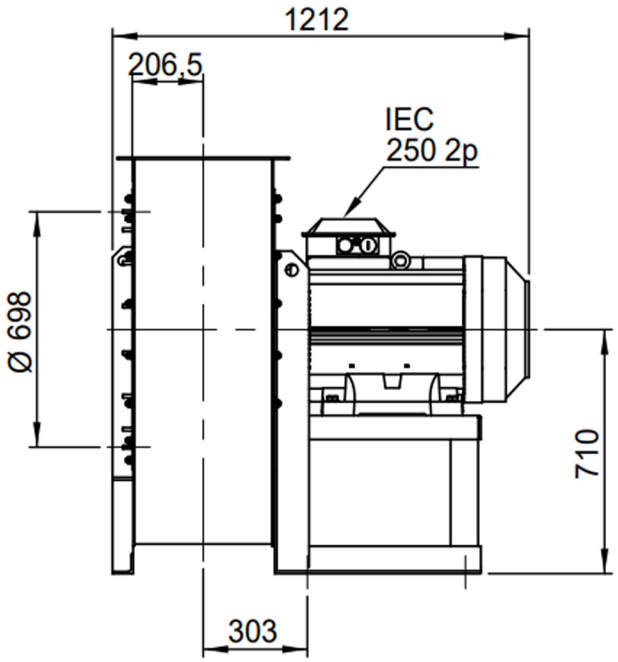
Possible discharge positions:

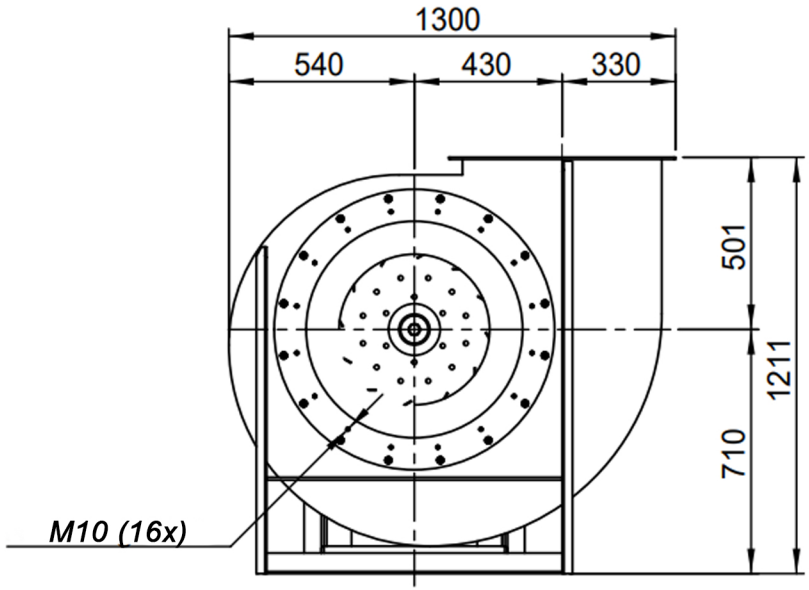


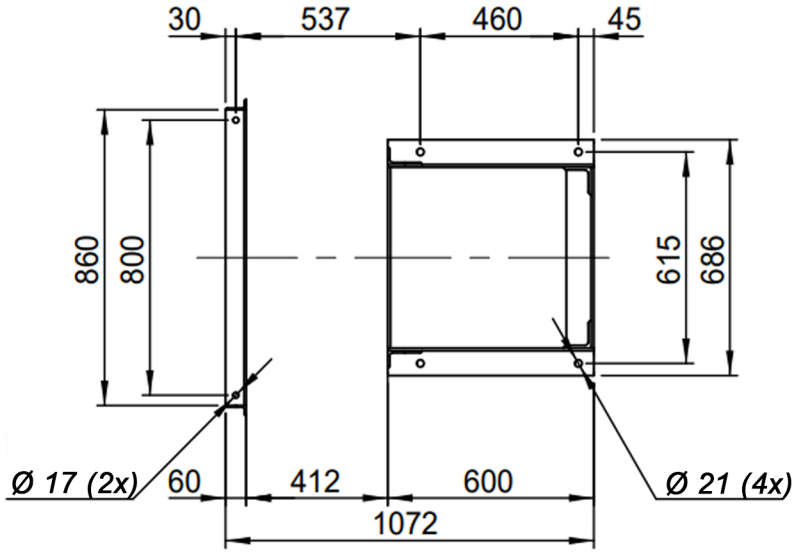
* (Pos 180 and 225 extra price)

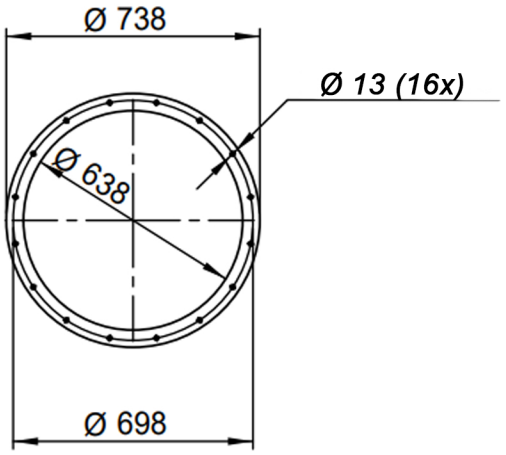
Possible accessories

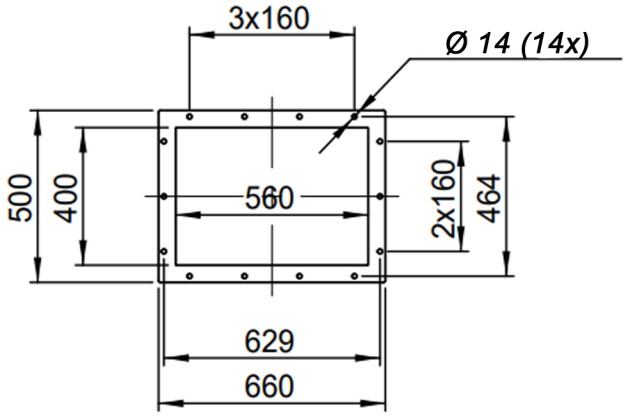
Mounting profiles for load distribution	--
Counterflange inlet/outlet	zz Ø630 / pz 560x400
Flexible connection inlet/outlet max. 80°C	zz Ø710 / pz Ø710
Anti-vibration mountings	6x 70X45/B/70° ShA
Inspectiondoor	
Drain connection	
Shaft seal without asbestos	
Coolingwheel (medium max. 150°C)	(incl. coating RAL9006)
Flexible connection inlet/outlet max. 150°C	zz Ø710 / pz Ø710
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
APRL712/A - RD0	1:22	Overmeer E.	A4
	DATUM 29/11/2023		
Slingerland ventilatoren	N.TEKENING - N.DRAWING		REV.
	V1APRL712/A		00