

FAN-VES01007:



DESTINATION: FWD DIESEL GENERATOR ROOM

FAN-VES01007

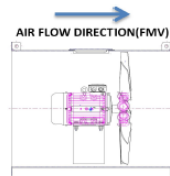
TECHNICAL CHARACTERISTICS

FAN GENERAL DATA:

MODEL:	V1M-280
TYPE:	Axial
UNITS:	1
POSITION:	Horizontal
AIRFLOW (m3/h):	1700
TEMPERATURE(°C):	60
DENSITY(kg/m3):	1,06
STATIC PRESSURE(Pa):	175
TOTAL PRESSURE(Pa):	206
POWER, ABSORBED(kW):	0,22
START:	DOL
FAN WEIGHT(kg):	18,70

CASING

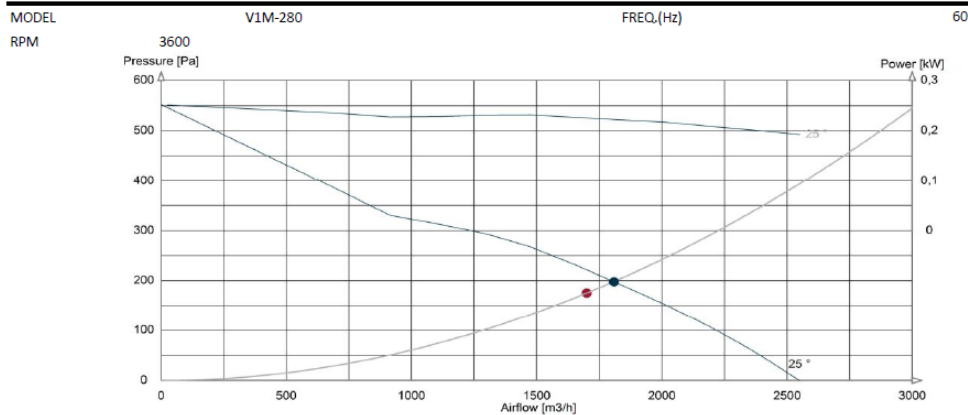
MATERIAL:	STEEL
PROTECTION:	HOT DIP GALV + C4 PAINTED
ELECTRIC ACCESS:	JUNCTION BOX
INTERNAL DIAMETER(mm):	280
ORIGINAL D(mm):	320
LENGHT(mm):	270
HOLES D(mm)	10
HOLES NUMBER:	4
LIFTING EYES:	YES
THICKNESS(mm):	2
ANTISPARK CONSTRUCTION:	NO



IMPELLER:

MATERIAL:	PPG
ROTATION:	FMV
BLADE TYPE:	3H
IMPELLER DIAMETER(mm):	274
SHAFT DIAMETER(mm):	14
NUMBER OF BLADES:	4-8
PITCH ANGLE:	25°

FAN CURVE



IMPELLER INFORMATION:

Impeller Diameter:	274 mm
No of blades:	4
Pitch:	25 °
Blade Material:	PPG
Blade Type:	3H
Impeller Rotation:	L

APPLICATION:

Speed:	3420 RPM
Tip Clearance:	3 mm
Temperature:	60 ° C
Altitude:	0 m
Density:	1.06 kg/m3

Tests are carried out according to methods described in ANSI / AMCA 210-99 (Arrangement - A)

SOUND DATA

Sound power level based on AMCA 300-08/AMCA 301-06. Deviatiaon ± 6 dB

*Only if fan has silencer

Frequency	SOUND POWER dB	SOUND PRESSURE	INSERTION LOSS*
		dB(A) 1m free field 40°	
63Hz	83,4	49,4	NA
125Hz	78,4	55,4	NA
250Hz	85,4	69,4	NA
500Hz	81,4	72,4	NA
1kHz	79,4	73,4	NA
2kHz	76,4	71,4	NA
4kHz	74,4	70,4	NA
8kHz	64,4	59,4	NA
GLOBAL	89,7	78,7	NA