

Description

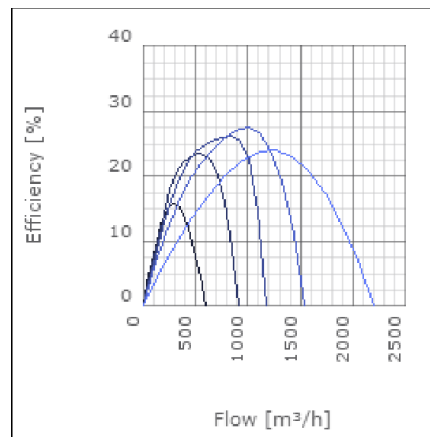
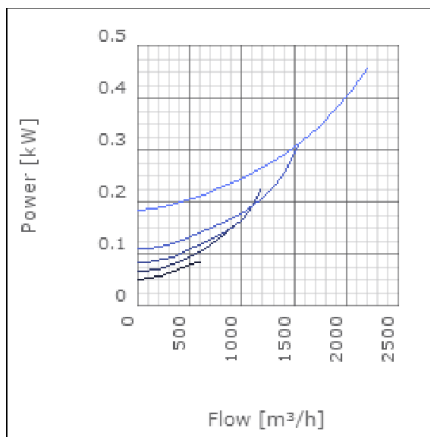
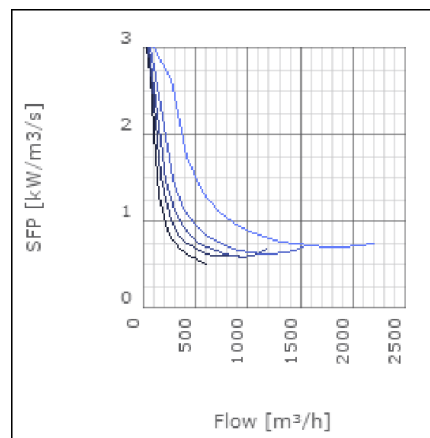
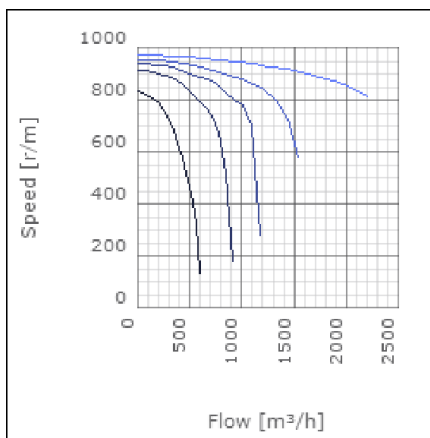
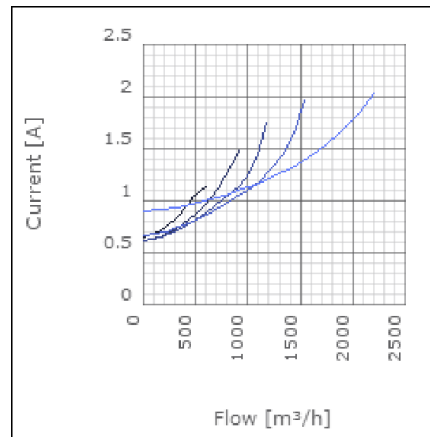
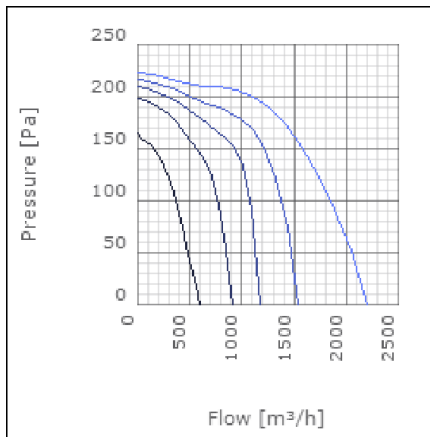
IRE is a range of insulated in-line centrifugal duct fans. They provide high pressure with low sound level. The IRE fans have good sound and fire insulation qualities provided by a 50mm pad of mineral wool. The high quality ball bearing mounted external rotor motors are maintenance free. They can be speed controlled from 0-100% by voltage variation. All motors are protected by approved thermo contacts. All 3-phase motors have ready fitted thermo contact leads for alarm functions etc. The fans have a strong galvanized steel housing incorporating a swing out design of the fan motor and impeller for easy cleaning and inspection.



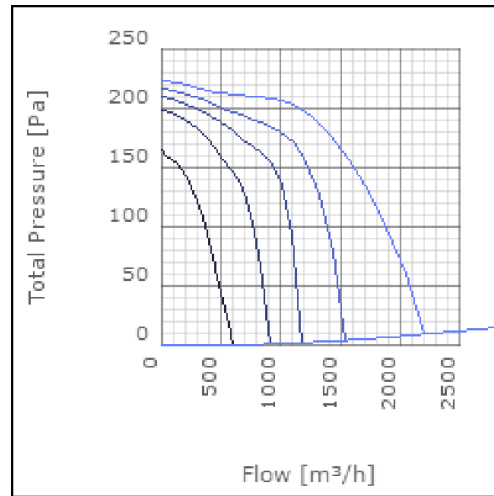
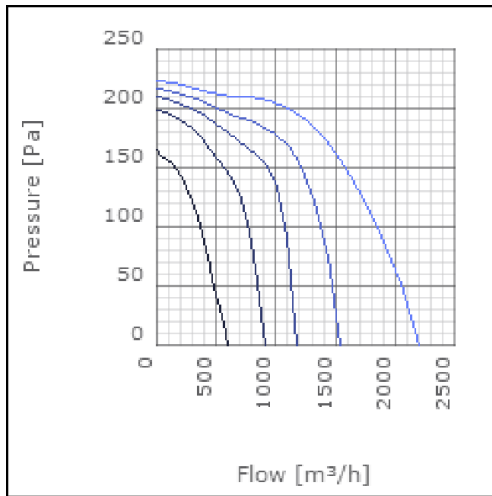
Technical data

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	0.47	kW
Current	2.1	A
R.p.m.	810	r/m
Max. temperature of transported air	60	°C
Max. temperature of transported air when speed-controlled	60	°C
Sound pressure level at 3 m	39	dB(A)
Length	770	mm
Width	638	mm
Height	478	mm
Weight	50	kg
Enclosure class, motor	44	IP
Insulation class, motor	F	
Capacitor	8	µF
Duct connection	500x300 mm	

Diagrams



Sound



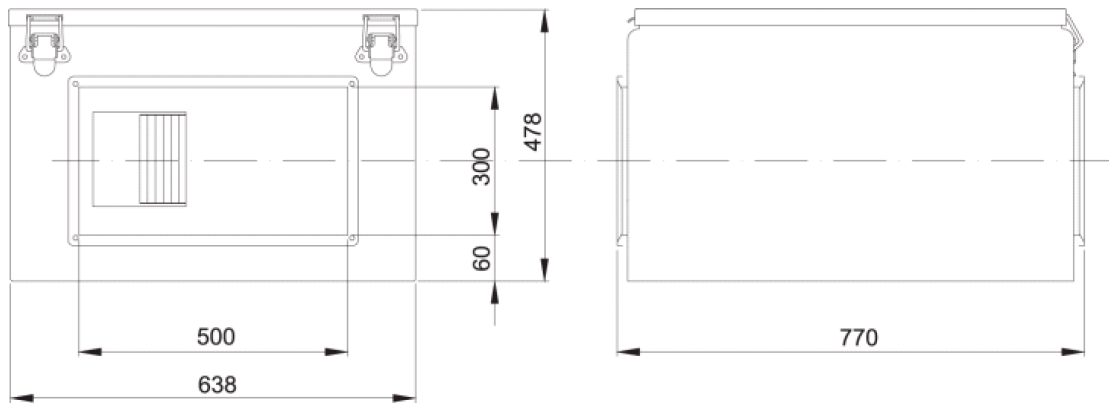
	Tot	63	125	250	500	1k	2k	4k	8k
Inlet	-	-	-	-	-	-	-	-	-
Outlet	-	-	-	-	-	-	-	-	-
Surrounding	-	-	-	-	-	-	-	-	-
Surrounding	-	-	-	-	-	-	-	-	-

120									
80									
40									
0									
	Tot	63	125	250	500	1k	2k	4k	8k

Parameter

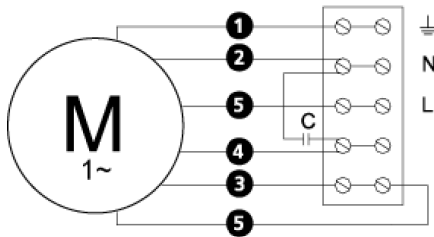
Distance: 3.000
 Propagation type: Hemi-spherical
 Equivalent absorption area: 20.00

Dimensions



Wiring diagram

4040005



- Ⓜ = Fan Motor
- Ⓜ1 = Fan Motor
- Ⓜ2 = Fan Motor
- Ⓜ3 = Rotor Motor
- ① = Yellow/Green
- ② = Black
- ③ = Blue
- ④ = Brown
- ⑤ = White (TW)
- ⑥ = Orange
- ⑦ = Grey
- ⑧ = Red
- ⑨ = Green
- ⑩ = Violet

Accessories

ETFV-94A
FRE 6
VRDE 3
VRS 4,0
VRTE 3

Electrical accessories

FLR 500x300
DS 500x300
LDR 500x300