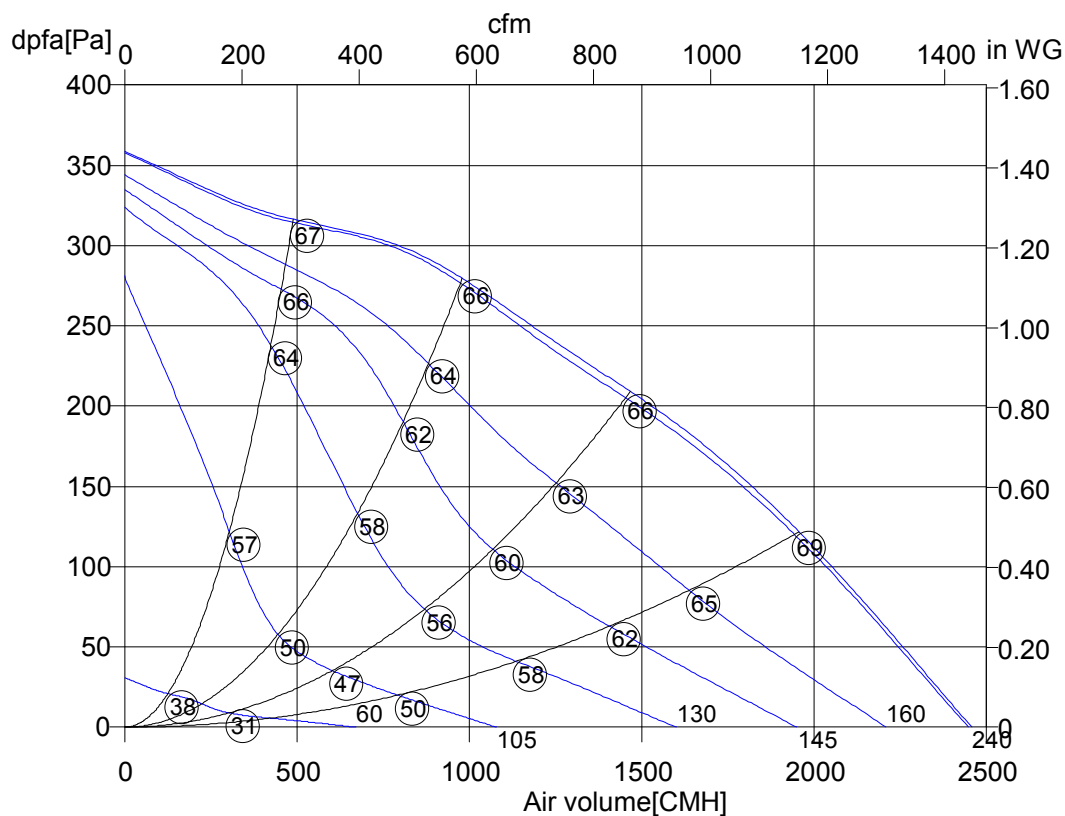


Friday, 15.January 2016



## Tube fans with casing made of galvanized sheet steel



R 355 M.5FA	
Art. No.	F00-35519
U[V]	230
f[Hz]	50
P[kW]	0.27
I[A]	1.40
n[1/min]	1395
C[μF]	6
tR[°C]	70
dpst[Pa]	-
Delta I[%]	24
Ia/I <sub>n</sub>	2.5
IP	54
Weight[kG]	16.2
Wir. diag.	01.024
Overall eff [%]	32.0
Eff. Grade N	40
Power input [kW]	0.260
Air flow [m³/h]	1295
Press. [Pa]	229
Speed [1/min]	1397
Velocity [m/s]	3.63

### Octave sound power level

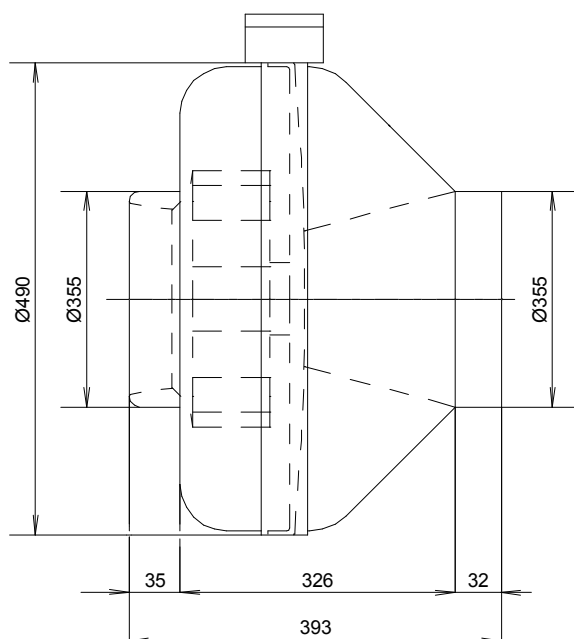
f[Hz]	125	250	500	1000	2000	4000	8000
LwA6[dBA]:	-12	-9	-8	-5	-6	-11	-22
LwA5[dBA]:	-12	-7	-6	-7	-7	-11	-22
LwA2[dBA]:	-19	-21	-22	-22	-24	-27	-38

Friday, 15. January 2016



**Tube fans**  
with casing made of galvanized sheet steel

## R 355 M.5FA



Friday, 15.January 2016

Pos.	Pieces	Description	Price																														
		<p>Tube fans with casing made of galvenized sheet steel</p> <p>Casing of the R-series made of aluminium. Electrical connection via terminal box fitted to the outside. Inlet and outlet side with duct connection for standard round ducts can be mounted in any position. Both ranges with backward curved impellers made from plastic, size 355 L made from aluminium and with speed controllable external rotor motor, fitted into the impeller. The fans are balanced according to quality level G 2.5, DIN/ISO 1940 on two levels. Motor closed, protection class IP 44/54, with thermal contacts, wired in series in motor windings from size R 355 L. Maintenance free ball bearings, closed on both sides, sealed for life.</p> <p>Documentation: Declaration of incorporation and operating instruction are according to Machinery Directive 2006/42/EC, CE identification in accordance to EMC-directive 2004/108/EC and Low Voltage Directive 2006/95/EC. Motor operating instruction is available from motor manufacturer.</p> <p><b>Nominal data</b></p> <table><tr><td>Type</td><td>R 355 M.5FA</td></tr><tr><td>Article no.</td><td>F00-35519</td></tr><tr><td>Voltage[V]</td><td>230</td></tr><tr><td>Frequency[Hz]</td><td>50</td></tr><tr><td>Power P1[kW]</td><td>0.27</td></tr><tr><td>Current I[A]</td><td>1.40</td></tr><tr><td>Speed n[1/min]</td><td>1395</td></tr><tr><td>Capacitor C[µF]</td><td>6</td></tr><tr><td>Max. air temp.tR[°C]</td><td>70</td></tr><tr><td>Min. pressure dpst[Pa]</td><td>-</td></tr><tr><td>Delta I[%]</td><td>24</td></tr><tr><td>Startup current Ia/In</td><td>2.5</td></tr><tr><td>Protection-mode</td><td>IP 54</td></tr><tr><td>Weight[kg]</td><td>16.2</td></tr><tr><td>wiring diagram</td><td>01.024</td></tr></table>	Type	R 355 M.5FA	Article no.	F00-35519	Voltage[V]	230	Frequency[Hz]	50	Power P1[kW]	0.27	Current I[A]	1.40	Speed n[1/min]	1395	Capacitor C[µF]	6	Max. air temp.tR[°C]	70	Min. pressure dpst[Pa]	-	Delta I[%]	24	Startup current Ia/In	2.5	Protection-mode	IP 54	Weight[kg]	16.2	wiring diagram	01.024	
Type	R 355 M.5FA																																
Article no.	F00-35519																																
Voltage[V]	230																																
Frequency[Hz]	50																																
Power P1[kW]	0.27																																
Current I[A]	1.40																																
Speed n[1/min]	1395																																
Capacitor C[µF]	6																																
Max. air temp.tR[°C]	70																																
Min. pressure dpst[Pa]	-																																
Delta I[%]	24																																
Startup current Ia/In	2.5																																
Protection-mode	IP 54																																
Weight[kg]	16.2																																
wiring diagram	01.024																																

Friday, 15. January 2016



## Tube fans with casing made of galvanized sheet steel

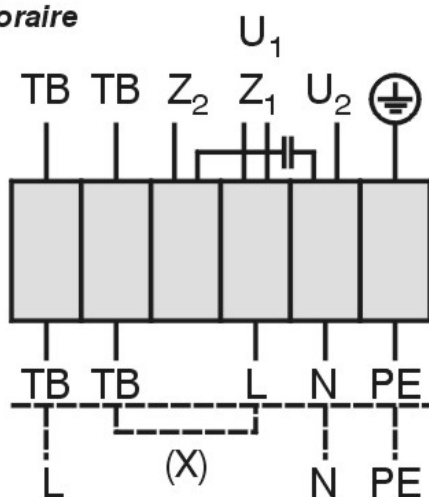
### R 355 M.5FA

Einphasenwechselstrommotor mit Betriebskondensator und Thermostatschalter.  
Bei Verwendung von RE Steuergeräten TB mit der Wicklung in Reihe schalten.  
Hierfür Brücke (x) einlegen und gestrichelt gezeichnete Anschlüsse belegen.

**Single phase A.C. motor with operating capacitor and thermostatic switch.**  
**Thermostatic switch wired in series with windings if RE controllers are used.**  
**Insert bridge (x) and wire connections shown as dash-line on the drawing.**

**Moteur monophasé avec condensateur permanent et interrupteur thermostatique branché en série avec le bobinage en cas de branchement avec des régulateurs RE. Mettre un pont (x) et brancher toutes les connexions dessinées en hachuré.**

Rechtslauf  
clockwise  
rotation horaire



U<sub>1</sub> braun / brown / brun  
U<sub>2</sub> blau / blue / bleu  
Z<sub>1</sub> schwarz / black / noir  
Z<sub>2</sub> orange / orange / orange

TB weiß / white / blanc  
PE gelb-grün  
yellow-green  
jaune-vert

01.024

TK3-20010