

Project : _____ **Customer :** _____ **Project Code :** _____
Quotation : _____ **Date :** 20 November 2024



JM Aerofoil

 63JM/20/4/6/
 63jm
 1 day - (Fan Only)
 Lead time may vary based on stock availability at time of order. Please refresh the lead time in the project or reselect the fan before placing an order.

PRODUCT	
Model Code	63JM/20/4/6/
Fan Diameter	630 mm
Impeller	6 Blades, Angle
Installation	Type D - Form B
Fan Casing	Long Case - Horizontal

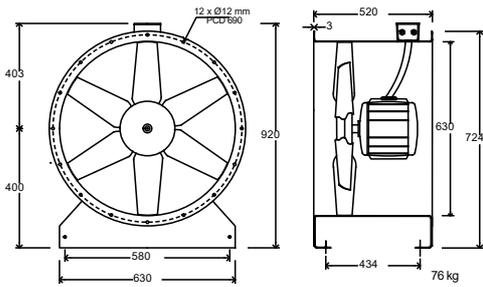
PERFORMANCE	
Requested Duty	0.000 m³/s @ 0.000 Pa (Static)
Actual Duty	0.000 m³/s @ 0.000 Pa (Static)
Outlet Dynamic Pressure	0.000 Pa
Velocity	0.00 m/s

MOTOR	
Motor Rating	2.10 kW [F22 Frame - 4 Pole]
Full Load Current	4.4 A
Starting Current	22 A
Electrical Supply	380 - 415 Volts 50 Hz 3 Phase
Motor Winding	Standard
Motor Type	TEAR - Pad - IE1 - Class F Insulation

EFFICIENCY GRADES	
ErP [FMEG] Rating	Not ErP Compliant

ENVIRONMENT	
Air Density	1.2 kg/m³ / 20 °C / 0 m / 40% RH
Smoke Venting	No Smoke Venting
Operating Environment	Normal

PRODUCT DIMENSIONS

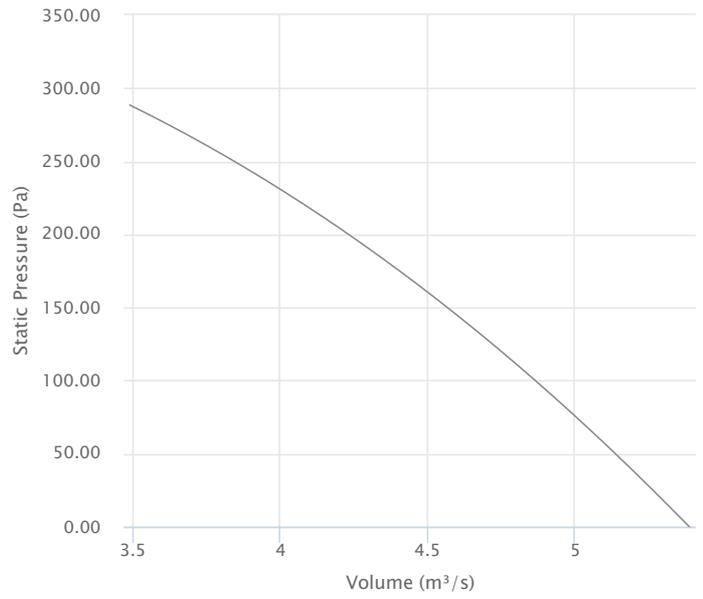


This drawing shows dimensions that should be used as a guide only and are subject to change. Certified drawings are available on request.

MECHANICAL	
Casing	630mm Steel Casing
Impeller	Aluminium LM6 Hub, Aluminium LM6 Blades
Operating Temperatures	-20 °C to 50 °C (95% Max Relative Humidity)
Weight	76kg

COMMENTS

FAN PERFORMANCE CURVE



ACOUSTICS

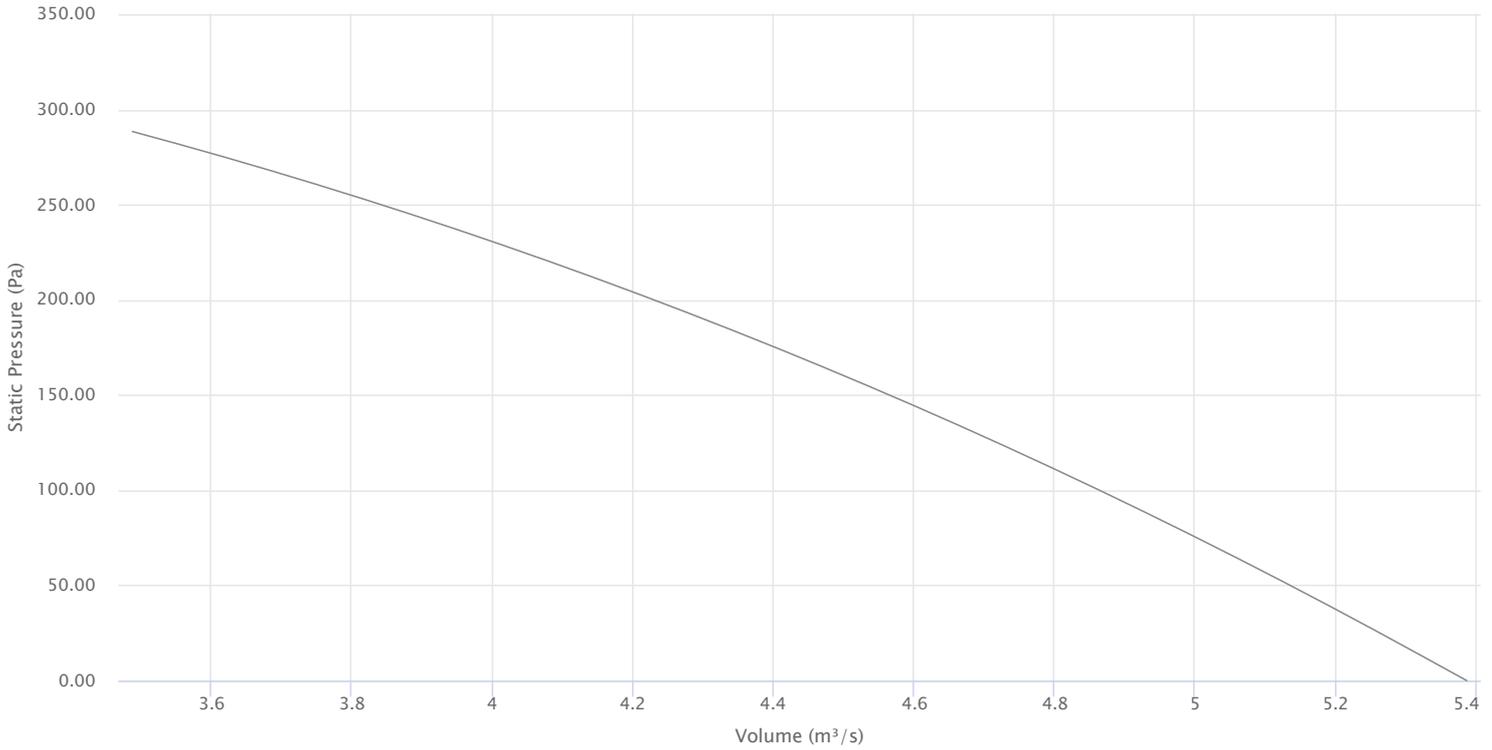
Sound Spectrum (Hz)							Overall		Distance (3 m)
125	250	500	1k	2k	4k	8k	Lw*	LWA*	LpA @ 3 m **
Sound Data At Requested Duty.							* Lw dB re 10 ⁻¹² W		** dBA re 2x10 ⁻⁵ Pa

FAN & ACCESSORIES

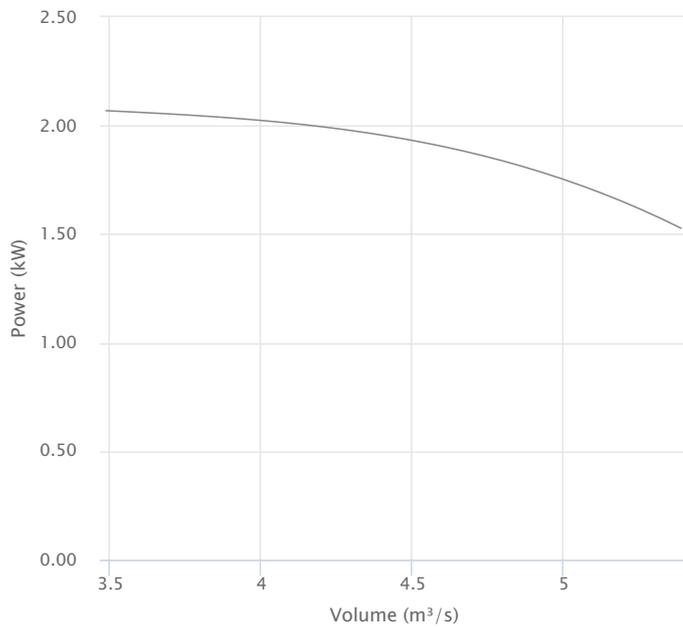
Item Description	Part Number	Qty	Lead-Time
63JM/20/4/6/	DX661454	1	1 Day

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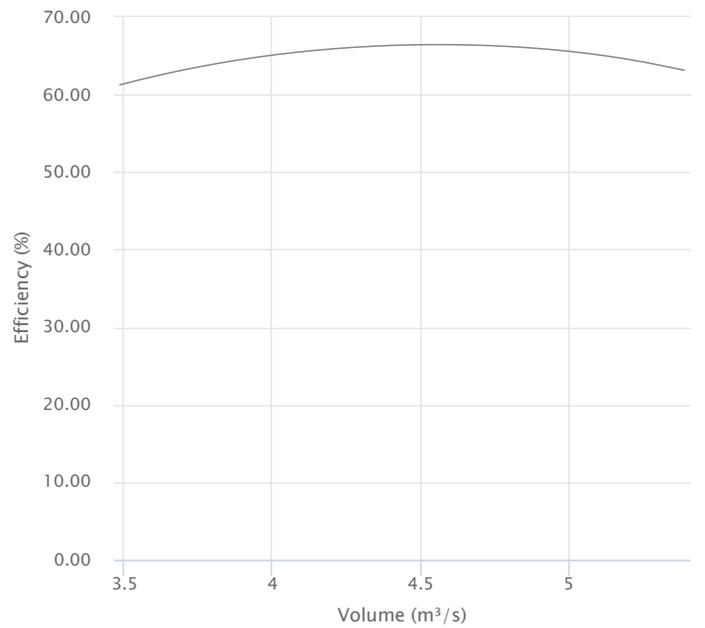
AERODYNAMIC



POWER CHART



EFFICIENCY CHART



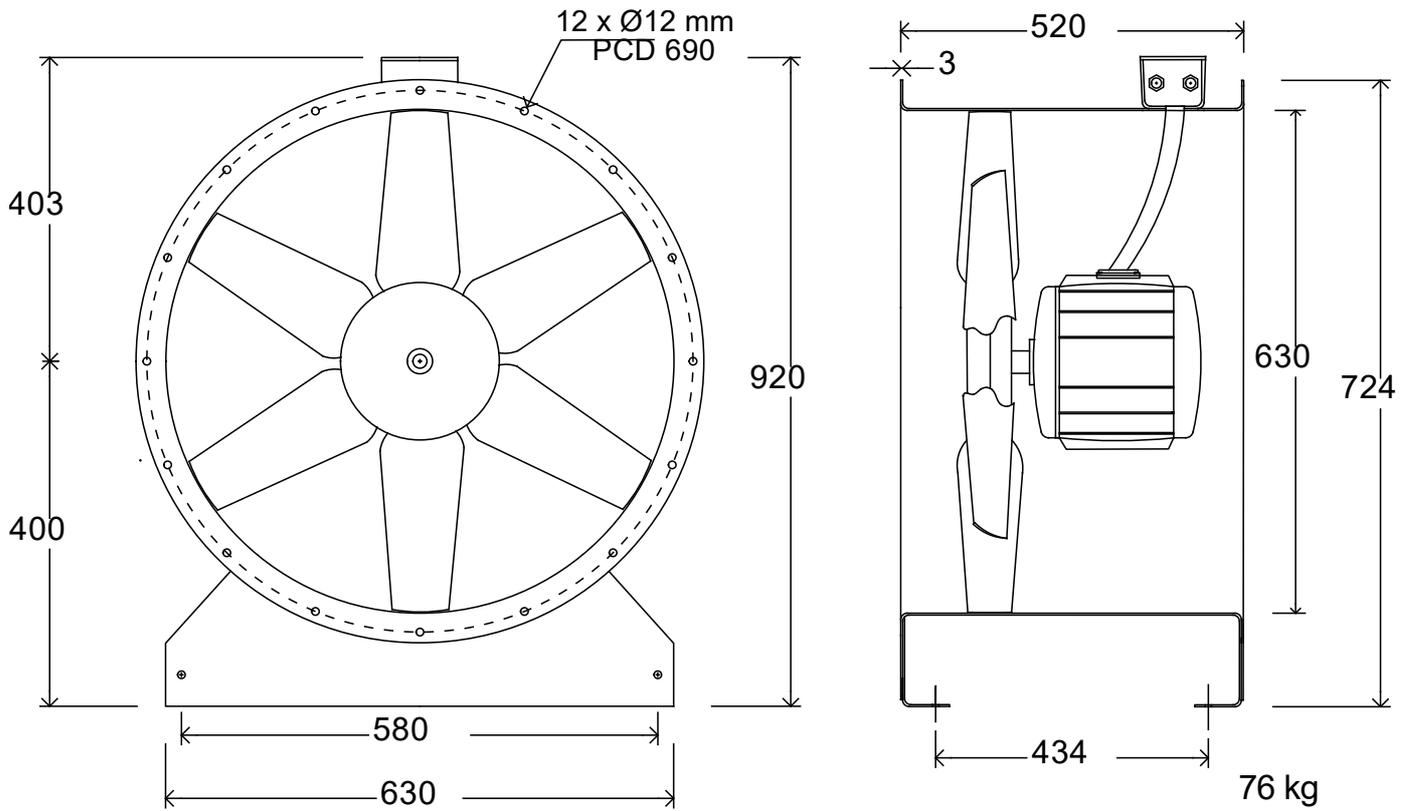
ACOUSTICS

Sound Spectrum (Hz)							Overall	
125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 m **

Sound Data At Requested Duty . * Lw dB re 10⁻¹² W ** dBA re 2x10⁻⁵ Pa

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PRODUCT DIMENSIONS



ACCESSORY DIMENSIONS

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JM AEROFOIL

ENVIRONMENT NOTES

Fans are designed for Continuous operation from -40°C to +50°C, but is suitable for frequent starting down to -20°C.

HIGH TEMPERATURE NOTES

High Temperature Notes

PERFORMANCE NOTES

Performance data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with ISO 5801 and is specifically applicable for Ducted installations. When an electronic controller is incorporated, motor noise may increase slightly - particularly when the operating speed is well below maximum. We therefore recommend using an auto transformer speed controller for noise sensitive applications. Bifurcated Axial fans are ErP exempt, where the in-duct air temperature is continuously greater than 100°C. This fan variant should not be used within EEA countries at lower temperatures

ACOUSTIC NOTES

Acoustic data has been derived from tests carried out in a Flakt Woods laboratory, in accordance with BS 848 Pt 2 / ISO 5136 under Ducted conditions. The LpA figure provided is the overall Inlet sound pressure level calculated at the specified distance, under spherical, free field conditions. Breakout levels stated are estimated from induct sound power levels and are provided for guidance. Acoustic figures for adjusted running speeds have been interpolated and are for reference only.