

811.3.1-63JM TECHNICAL DATA SHEET & PERFORMANCE CHART

WOODS

Technical Data Sheet

JM - Direct Driven Aerofoil



Project Name : 22m Sc.Vessel Can Coast Guard
Quotation Number : 10-494
Customer : Meridien Maritime

Date: : Tuesday, November 2, 2010
Fan Code : 63JM/31/2/9
Item Reference: :

Fan Code 63JM/31/2/9
Fan Diameter/ Size 630 mm
Blades 9
Fan Speed 3500 rpm
Velocity 16.0 m/s
Blade Angle 14°
Form of Running B
Fan Casing Long

Requested Duty 10280cfm @ 2.50 inwg (static)
Actual Duty 10585cfm @ 2.65 inwg (static)
Outlet Dynamic Pressure 0.62inwg
Accessory Losses 0.14inwg

Duty Shaft Power 12.17 HP
Max Shaft Power 16.89 HP
Total Efficiency 45 %

Motor Frame 256P
Motor Rating 20.00 HP
Full Load Current 22.88 A
Starting Current 141.86 A
Motor Mounting Pad
Electrical Supply 460 Volts 60 Hz 3 Phase
Start Type DOL
Motor Winding Standard
Enclosure AF Enclosure TEAO-Domestic
Efficiency Premium

Air Density 0.075 lb/ft³ / 68 °F / 0 ft / 50% RH
Smoke Venting Non Smoke Venting

Performance data has been derived from tests carried out in a Fläkt Woods laboratory, in accordance with ISO 5801 and is specifically applicable for Ducted installations. When an electronic controller is incorporated, enhanced motor noise can occur - particularly when the operating speed is well below maximum. FWL therefore recommend using an auto transformer speed controller for noise sensitive applications.

Acoustic data has been derived from tests carried out in a Fläkt Woods laboratory, in accordance with BS 848 Pt 2, 1985 under Ducted conditions. The single figure provided is the overall Inlet sound pressure level at the specified distance, underspherical, free field conditions.

Terms and Conditions: This offer is made subject to the terms and conditions detailed on the accompanying letter.

	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 5ft**
Inlet*	93	94	95	97	95	94	93	93	103	87
Outlet*	94	94	95	99	96	94	94	94	104	88

* Lw dB re 10⁻¹² W ** dBA re 2x10⁻⁵ Pa

Description	Qty	Unit Price	Price
Fan			
63JM/31/2/9	1	inquire	inquire
Fan Accessories (Quantities per Fan)			
Commercial Marine Duty	1	inquire	inquire
Flex Connector, Outlet Assembly "Fan-Size" 170degF-Max	1	inquire	inquire
Inlet Bell	1	inquire	inquire
Screen For Mounting To "Inlet Bell/Cone"	1	inquire	inquire
TOTAL PRICE FAN AND ACCESSORIES			inquire

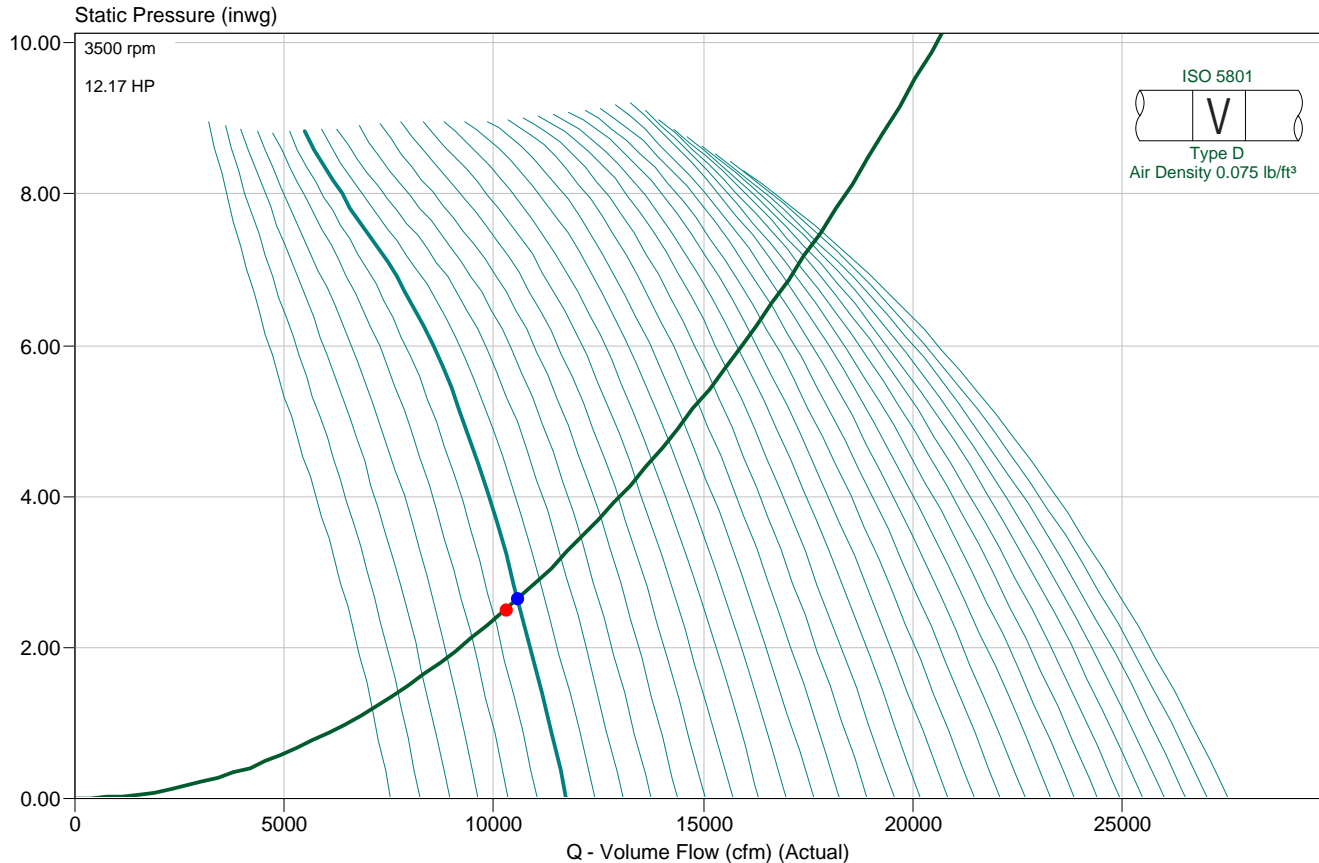
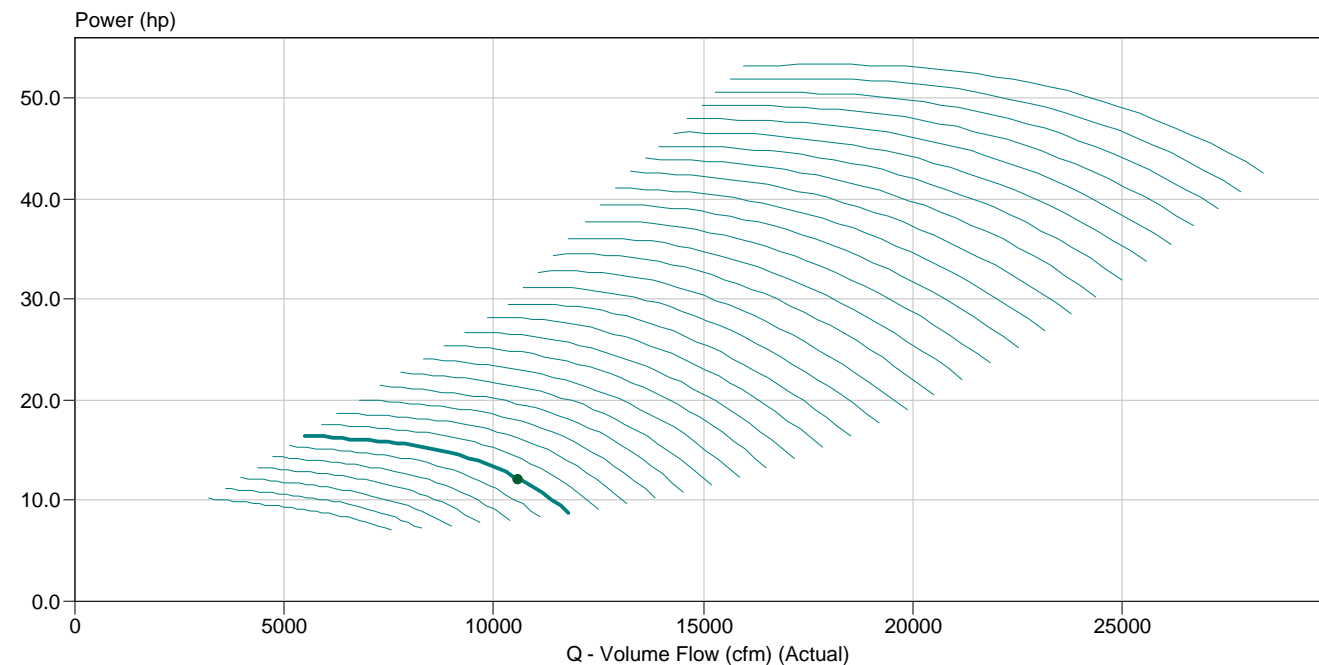
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WOODS**Performance Chart****JM - Direct Driven Aerofoil**

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Summary Sheet



Project Name	: 22m Sc.Vessel Can Coast Guard	Date:	: Tuesday, November 2, 2010
QuotationNumber	: 10-494	Contact	: Charles-Eric Morissette, ing., M.ing.
Customer	: Meridien Maritime	Customer Ref:	:
Address:	:	Customer Contact	:
		Note:	:

Description	Product Code	Qty	Unit Price	Total Price
	10280cfm @ 2.50 inwg (static)			
Fan	63JM/31/2/9	1	inquire	inquire
Motor	256P	1	included	included
Commercial Marine Duty		1	inquire	inquire
Flex Connector, Outlet Assembly "Fan-Size" 170degF-M		1	inquire	inquire
Inlet Bell		1	inquire	inquire
Screen For Mounting To "Inlet Bell/Cone"		1	inquire	inquire
Estimated Despatch: inquire				inquire
Extended Total Price				inquire