SHELDONS ENGINEERING Inc.

TYPICAL SPECIFICATION INLINE CENTRIFUGAL FAN –7000

GENERAL

The tubular inline centrifugal fan shall be designed and manufactured by Sheldons Engineering to ensure smooth operation. Fan wheel shall be an Ultrafoil™-double thickness airfoil design with all steel construction to ensure continuous quiet operation. Unless otherwise directed, fans shall have the arrangement, motor position and orientation as shown on the layout drawings.

PERFORMANCE

Fan ratings shall be based on tests made in accordance with AMCA Standard 210. Flow shall be actual volumetric flow at the fan inlet. Fan static pressure is defined as static pressure at fan outlet less total pressure at fan inlet. Standard inlet density is to be taken as 0.75 lb/ft^3 with corrections for temperature, elevation, inlet static pressure, gas composition and humidity as defined in the schedule. Fans shall be selected to operate to the right of the peak static pressure at the given speed to ensure stable performance. Fan brake horsepower shall be equal to or less than specified at the given flow and fan static pressure.

SOUND

Fan manufacturers shall provide sound power level ratings for fans tested and rated in accordance with AMCA Standards 300 and 301. Sound power ratings shall be in decibels (reference 10-12 watts) in eight octave bands. Sound power levels will be corrected for installation by the specifying engineer...dBA or sound pressure levels only are not acceptable.

CONSTRUCTION

Fan housings are to be heavy -- min. thickness A36 steel per chart, continuously welded construction with flanged and punched inlet and outlet or slip fit outlet. Housings with lock seams or spot welded construction are not acceptable.

Size	Class I & Class II	Class III
12.25” Dia. – 18” Dia.	14 ga (0.0747” – 1.9 mm)	12 ga (0.1046” – 2.7 mm)
20” Dia. – 36.5” Dia.	12 ga	10 ga (0.1345” – 3.4 mm)
40.25” Dia. – 44.5” Dia.	10 ga	3/16” – 4.8 mm
49” Dia. – 60 “ Dia	3/16”	¼” -- 6.3 mm

Aerodynamically designed straightening vanes are to be integral to the fan housing. Rotors shall be attached to motor shaft by use of split, taper-lock Q-D bushing and locking plate if wheel is in the down position.

SHAFT (belt driven fans)

Shafts are to be ASTM A-108 steel, grade 1040/1045, precision turned, ground and polished. Grade 1018 steel is not acceptable. The shaft's first critical speed shall be at least 143% of the fan's maximum operating speed.

SHELDONS ENGINEERING Inc.

Sheldons Engineering Product Index www.sheldonsengineering.com

TYPICAL SPECIFICATION INLINE CENTRIFUGAL FAN –7000

BEARINGS (belt driven fans)

Bearings are to be heavy duty, grease lubricated, precision anti-friction, self-aligning design. Bearings shall be designed for a minimum L-10 life as follows, when rated at the fan's maximum cataloged operating speed.

Size	Class I	Class II	Class III
12.25" Dia. – 27" Dia.	15,000	15,000	40,000
30" Dia. – 36.5" Dia.	15,000	40,000	40,000
40.25" Dia. – 49" Dia.	15,000	40,000	100,000
54" Dia. – 60 " Dia	40,000	40,000	100,000

PAINT

All fan surfaces are to be thoroughly prepared prior to painting using a combination of washing and hand and power tool cleaning as required in SSPC-SP-3. After cleaning, all surfaces (except wheel) are to be coated with industrial grade alkyd enamel. Surfaces of bolted components not accessible after assembly shall be coated and allowed to dry prior to final assembly. Primer only will not be accepted.

BALANCE & INSPECTION

All fans shall be precision balanced to ISO quality grade 2.5, report to be submitted with the maintenance manual. A final inspection by a qualified inspector prior to shipment is required to include: scope of supply confirmation, balance, welding, dimensions, bearings, duct and base connection points, paint finish and overall workmanship.

ACCESSORIES

Accessories shall be provided as called for in the plans and specifications. Standard accessories include:

Motor to be NEMA Design B 3/60/460-575V-1800 rpm, high efficiency TEFC 1.15 SF
V-Belt Drives - Variable Speed/Constant Speed with min 1.5 SF
Belt Guard or weather cover required on belt driven fans
Extended lubrication lines (nylon, copper or stainless steel) with fittings terminating in an accessible area. (belt driven fans only)

Additional Features that may be required:
Split pillow block bearings
Access Door – bolted/quick opening or plug type with raised door
Companion Flange (angle companion flange bolted to the fan inlet or outlet flange)
Inlet or Outlet screen heavy gauge wire on 2" centres
Over 300°F, 600°F construction required
Vibration Isolation - Spring - Rubber-In-Shear
Variable inlet vanes
Spark Resistant Construction (Type "A", "B" or "C")

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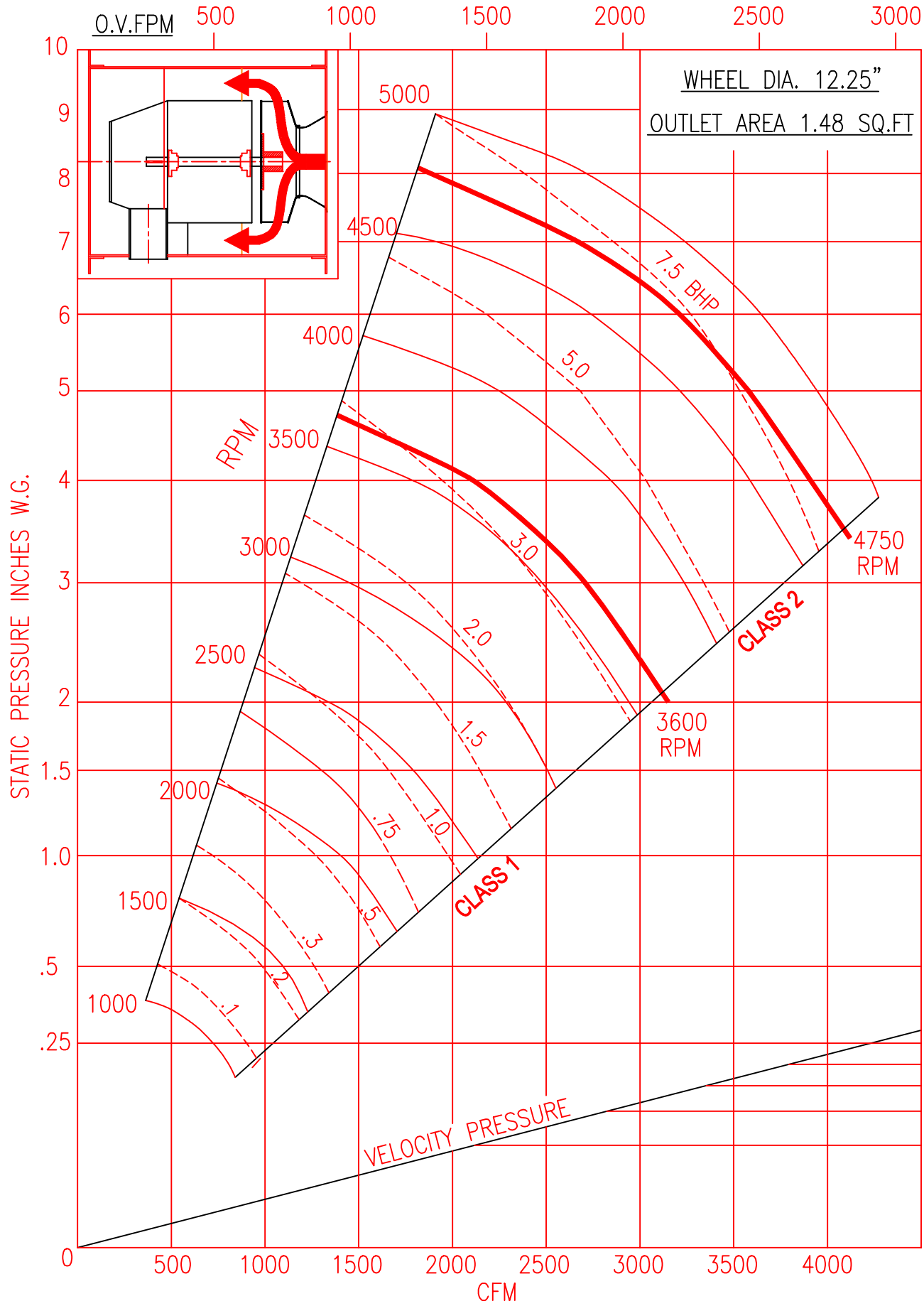
INLINE CENTRIFUGAL
MODEL 7012 ULTRAFOIL®



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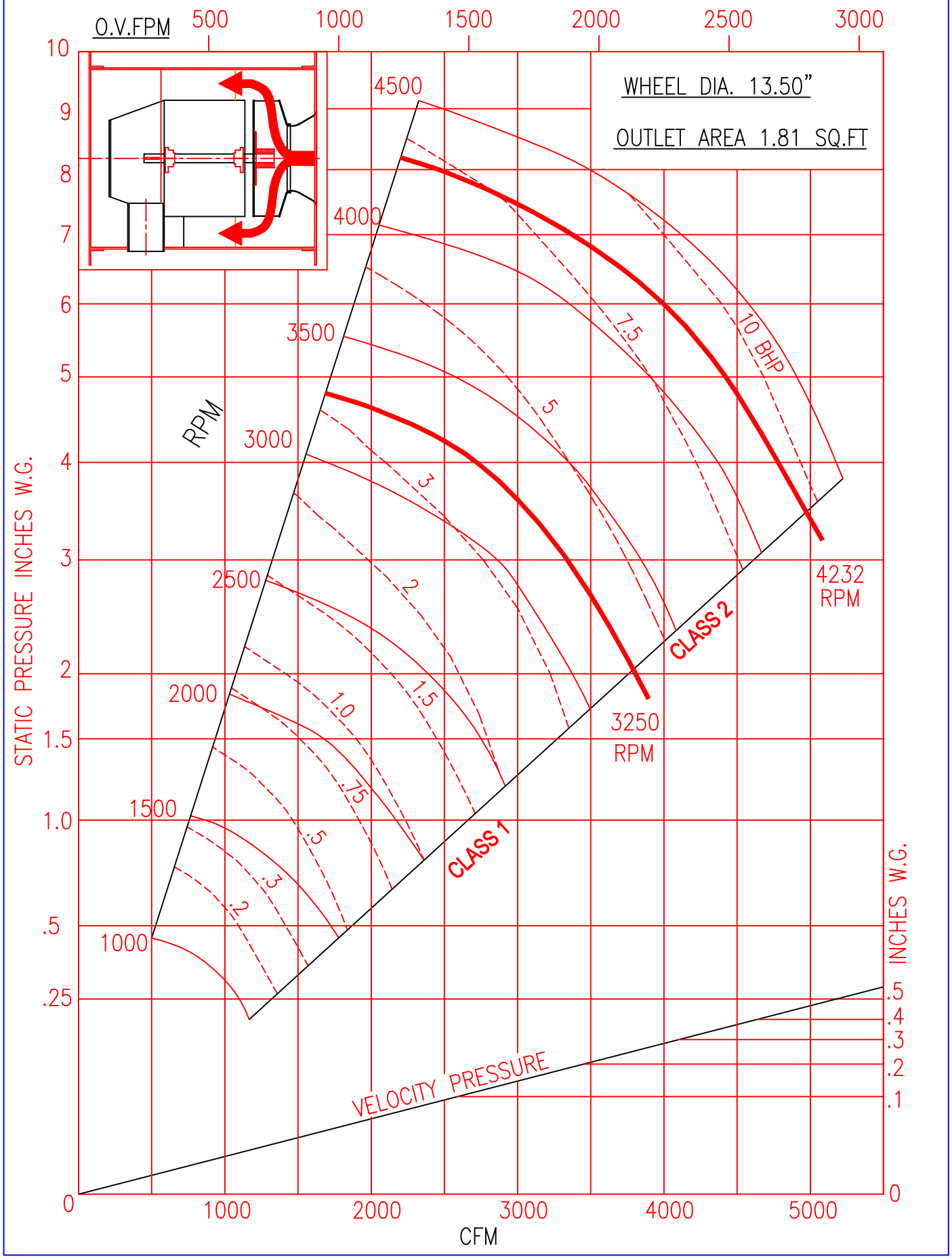
INLINE CENTRIFUGAL
MODEL 7013 ULTRAFOIL®



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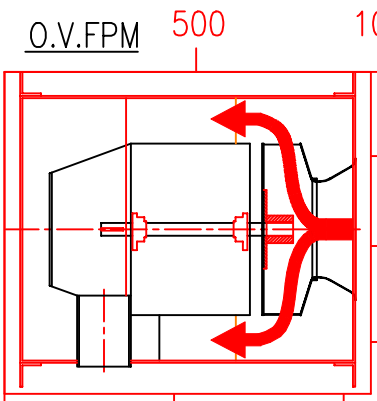
INLINE CENTRIFUGAL MODEL 7015 ULTRAFOIL®



WHEEL DIA. 15.0"

OUTLET AREA 2.23 SQ.FT

O.V.FPM 500 1000 1500 2000 2500 3000

RPM 4000 3500 3000 2500 2000 1500 1000 500

10 BHP 5 3 2 1.5 1.0 .75 .5 .3 .2 .1

CLASS 2

CLASS 1

3730 RPM

2850 RPM

STATIC PRESSURE INCHES W.G.

10 9 8 7 6 5 4 3 2 1.5 1.0 .5 .25 0

VELOCITY PRESSURE INCHES W.G.

.5 .4 .3 .2 .1 0

1000 2000 3000 4000 5000

CFM

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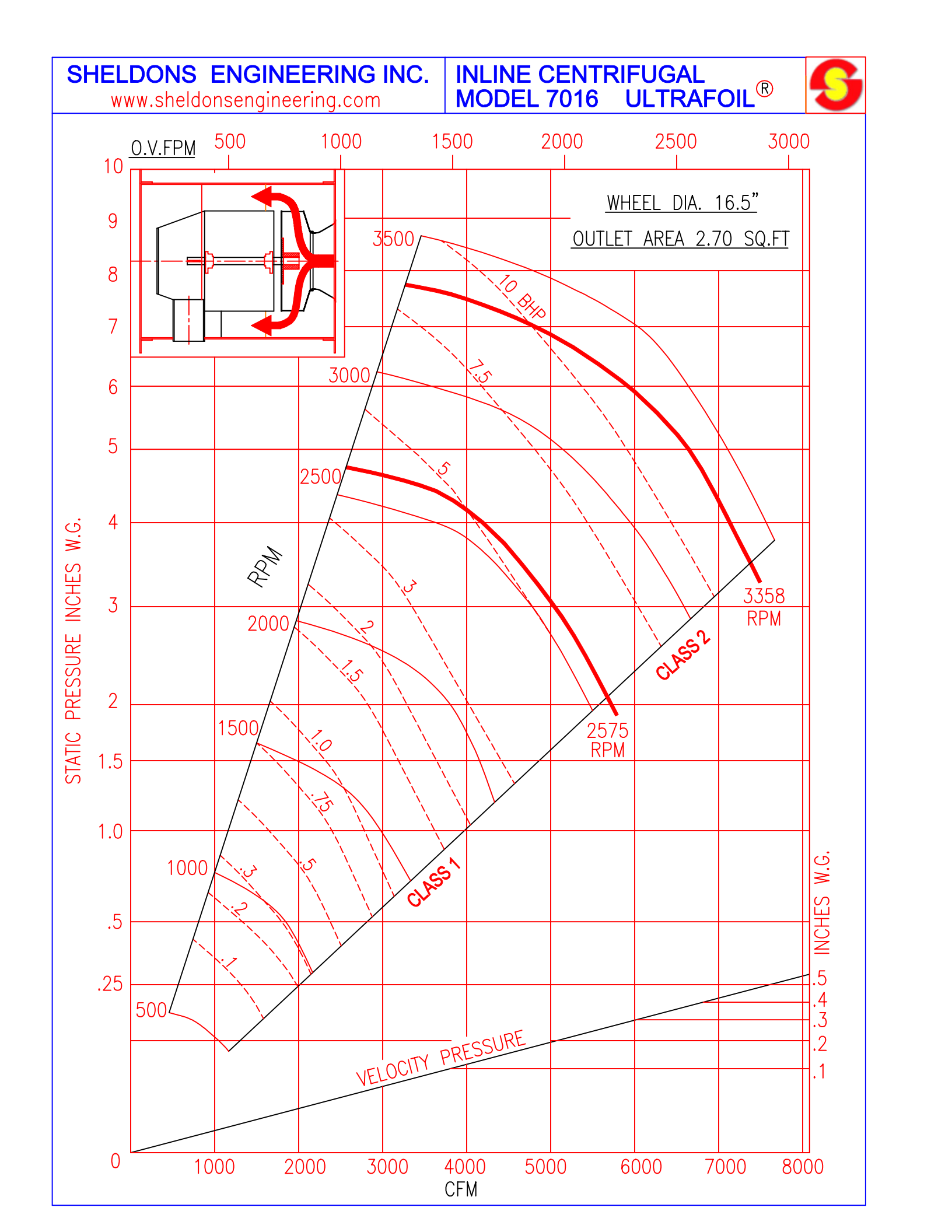
INLINE CENTRIFUGAL
MODEL 7016 ULTRAFOIL®



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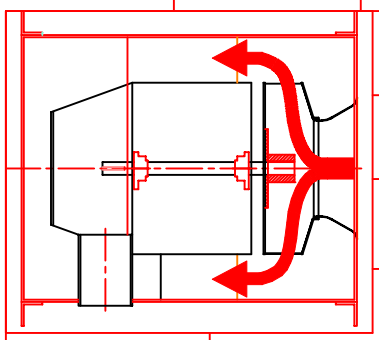
INLINE CENTRIFUGAL
MODEL 7018 ULTRAFOIL®



O.V.FPM 500 1000 1500 2000 2500 3000

WHEEL DIA. 18.25"
OUTLET AREA 3.31 SQ.FT

STATIC PRESSURE INCHES W.G.

11 10 9 8 7 6 5 4 3 2 1.5 1.0 .5 .25 0

RPM 3500 3000 2500 2000 1500 1000 500

15 20 BHP 10 7.5 5 3 2 1.5 1.0 .75 .5 .3 .2 .1

CLASS 2 — 2978 RPM

CLASS 1 — 2280 RPM

VELOCITY PRESSURE

INCHES W.G. .6 .5 .4 .3 .2 .1 0

2000 4000 6000 8000 10000 CFM

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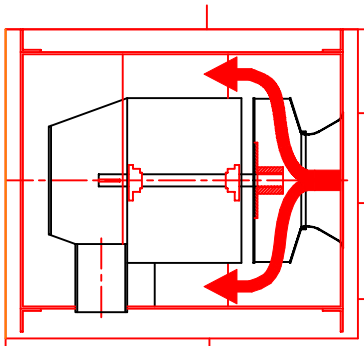
INLINE CENTRIFUGAL MODEL 7020 ULTRAFOIL®



WHEEL DIA. 20.0"

OUTLET AREA 3.98 SQ FT

O.V.FPM 500 1000 1500 2000 2500

RPM: 2600, 2400, 2200, 2000, 1800, 1600, 1400, 1200, 1000, 800, 600

15 BHP, 10, 7.5, 5, 3, 2, 1.5, 1.0, .75, .5, .3

CLASS 2 — 2668 RPM

CLASS 1 — 2050 RPM

VELOCITY PRESSURE

STATIC PRESSURE INCHES W.G.: 10, 9, 8, 7, 6, 5, 4, 3, 2, 1.5, 1.0, .5, .25, 0

INCHES W.G.: .4, .3, .2, .1, 0

CFM: 2000, 4000, 6000, 8000, 10000

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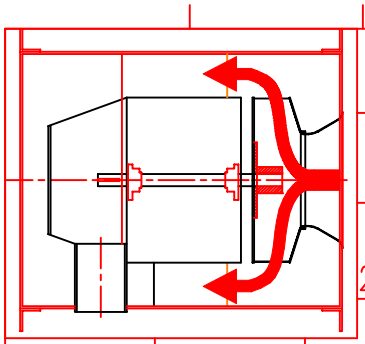
INLINE CENTRIFUGAL
MODEL 7022 ULTRAFOIL®



WHEEL DIA. 22.25"

OUTLET AREA 4.93 SQ.FT

O.V.FPM 500 1000 1500 2000 2500 3000

RPM: 2600, 2400, 2200, 2000, 1800, 1600, 1400, 1200, 1000, 800, 600, 400

20 BHP, 20, 15, 10, 7.5, 5, 3, 2, 1.5, 1.0, .75, .5, .3, .2

CLASS 2 — 2400 RPM

CLASS 1 — 1832 RPM

VELOCITY PRESSURE

STATIC PRESSURE INCHES W.G.: 10, 9, 8, 7, 6, 5, 4, 3, 2, 1.5, 1.0, .5, .25, 0

INCHES W.G.: .5, .4, .3, .2, .1

CFM 1000'S: 2, 4, 6, 8, 10, 12, 14

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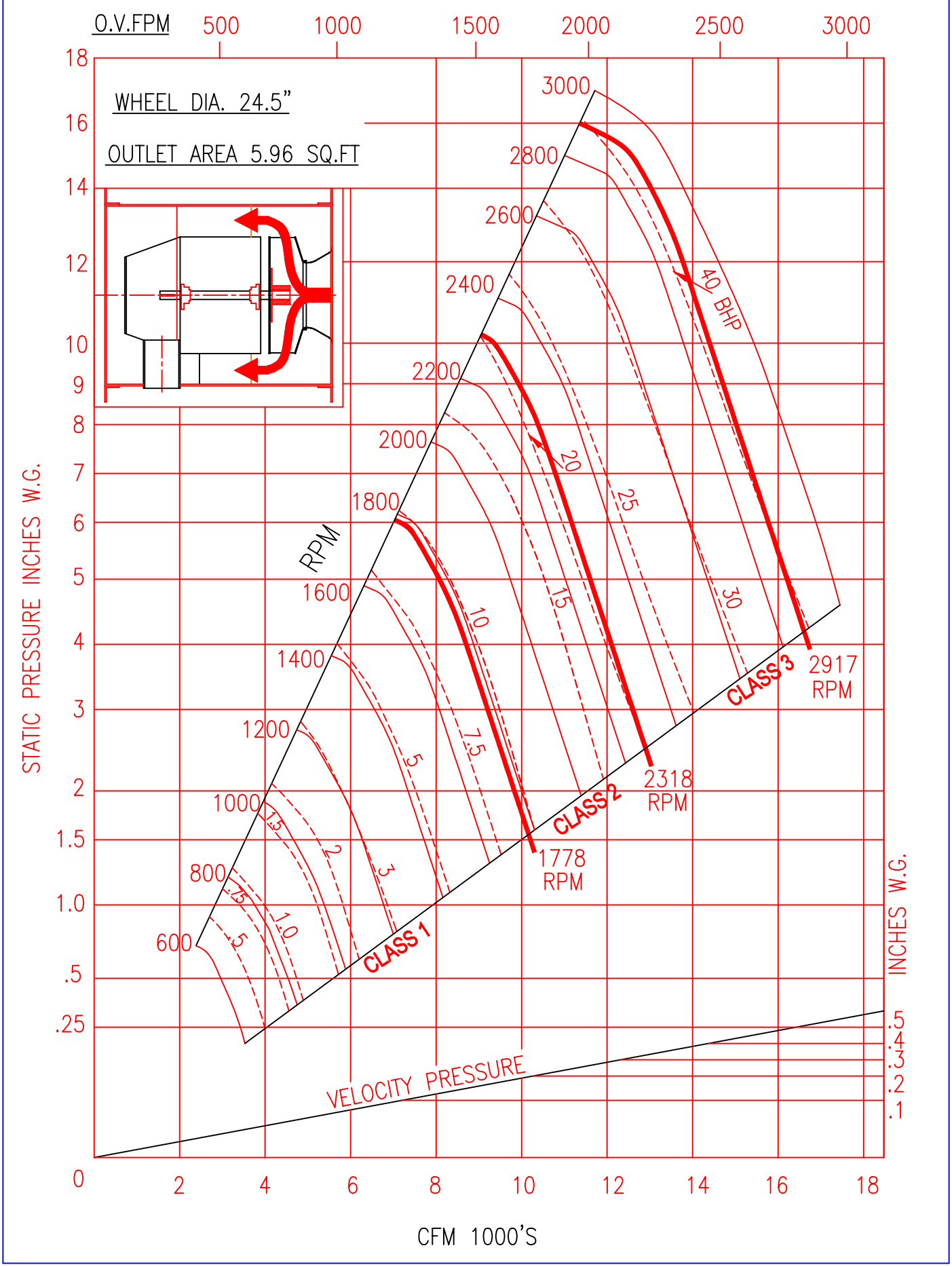
INLINE CENTRIFUGAL
MODEL 7024 ULTRAFOIL®



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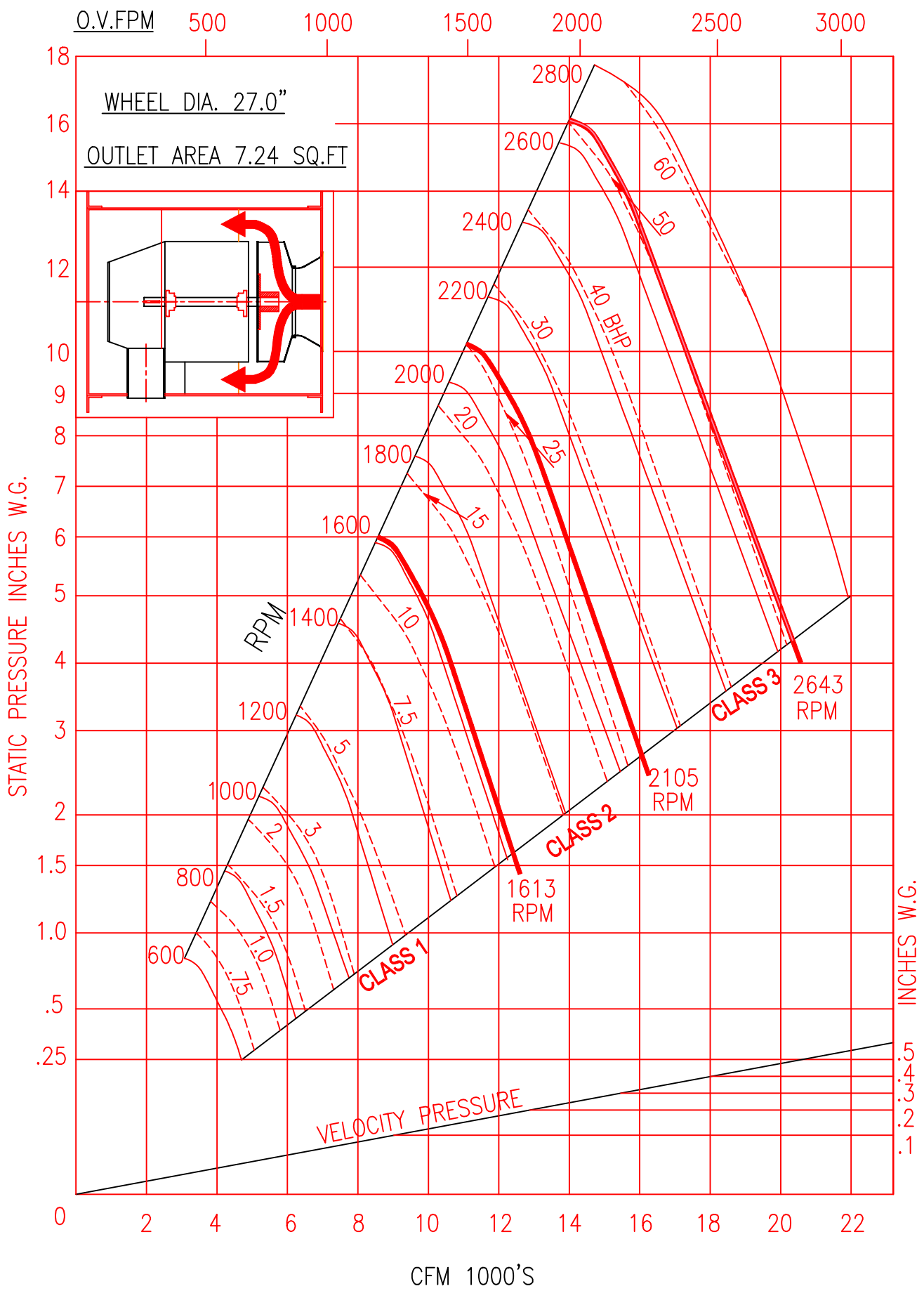
INLINE CENTRIFUGAL
MODEL 7027 ULTRAFOIL®



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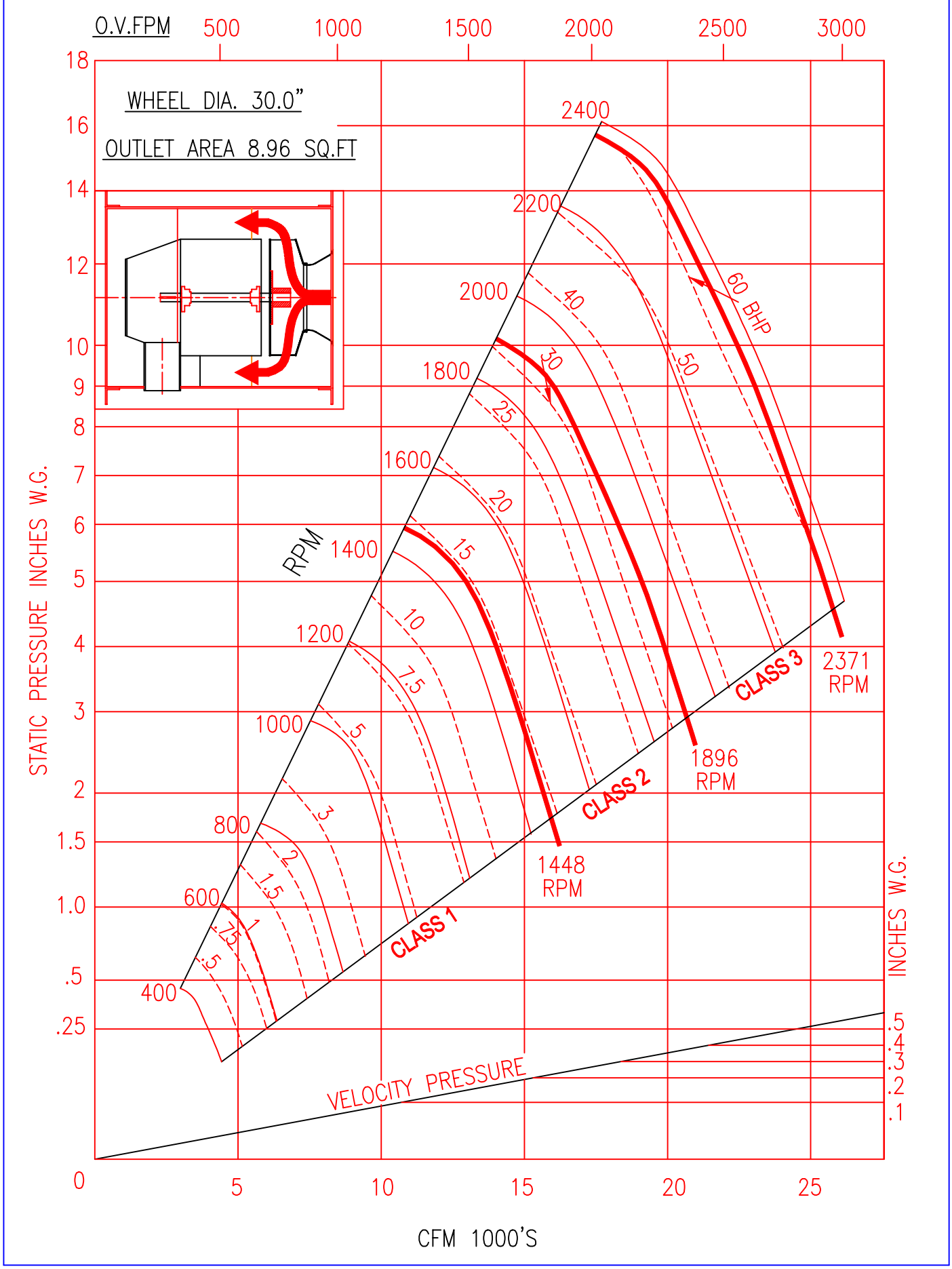
INLINE CENTRIFUGAL
MODEL 7030 ULTRAFOIL®



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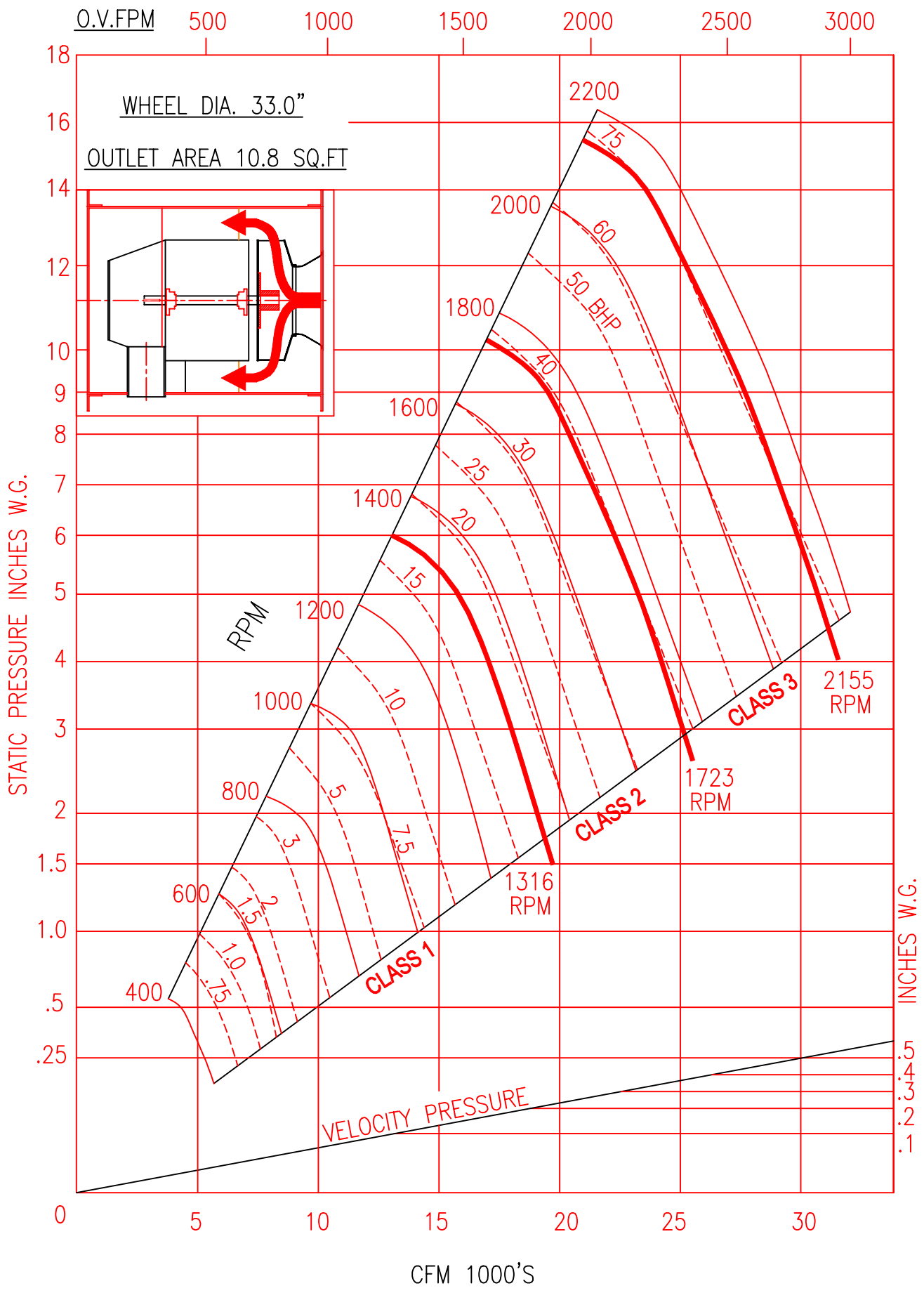
INLINE CENTRIFUGAL
MODEL 7033 ULTRAFOIL®



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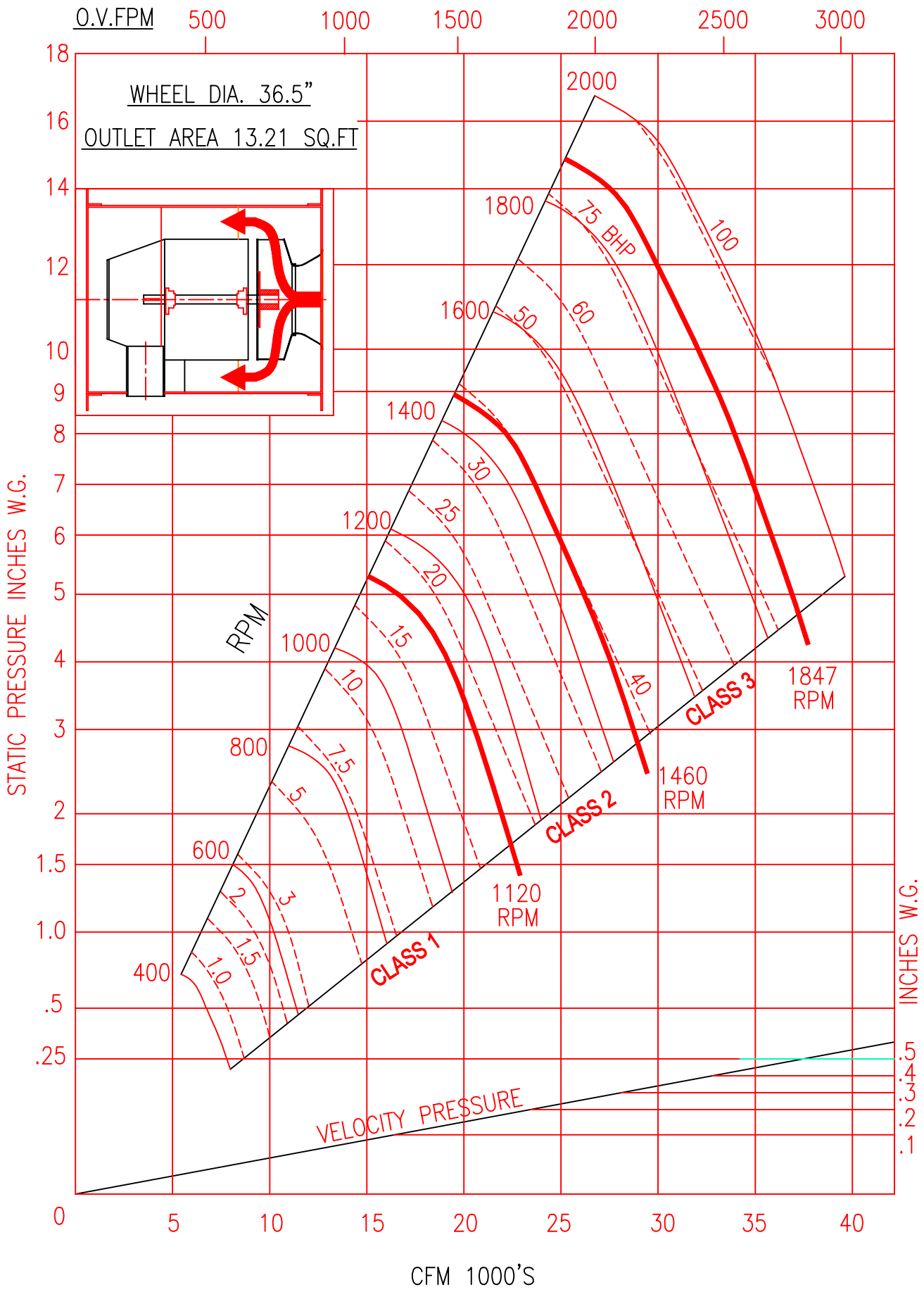
INLINE CENTRIFUGAL
MODEL 7036 ULTRAFOIL®



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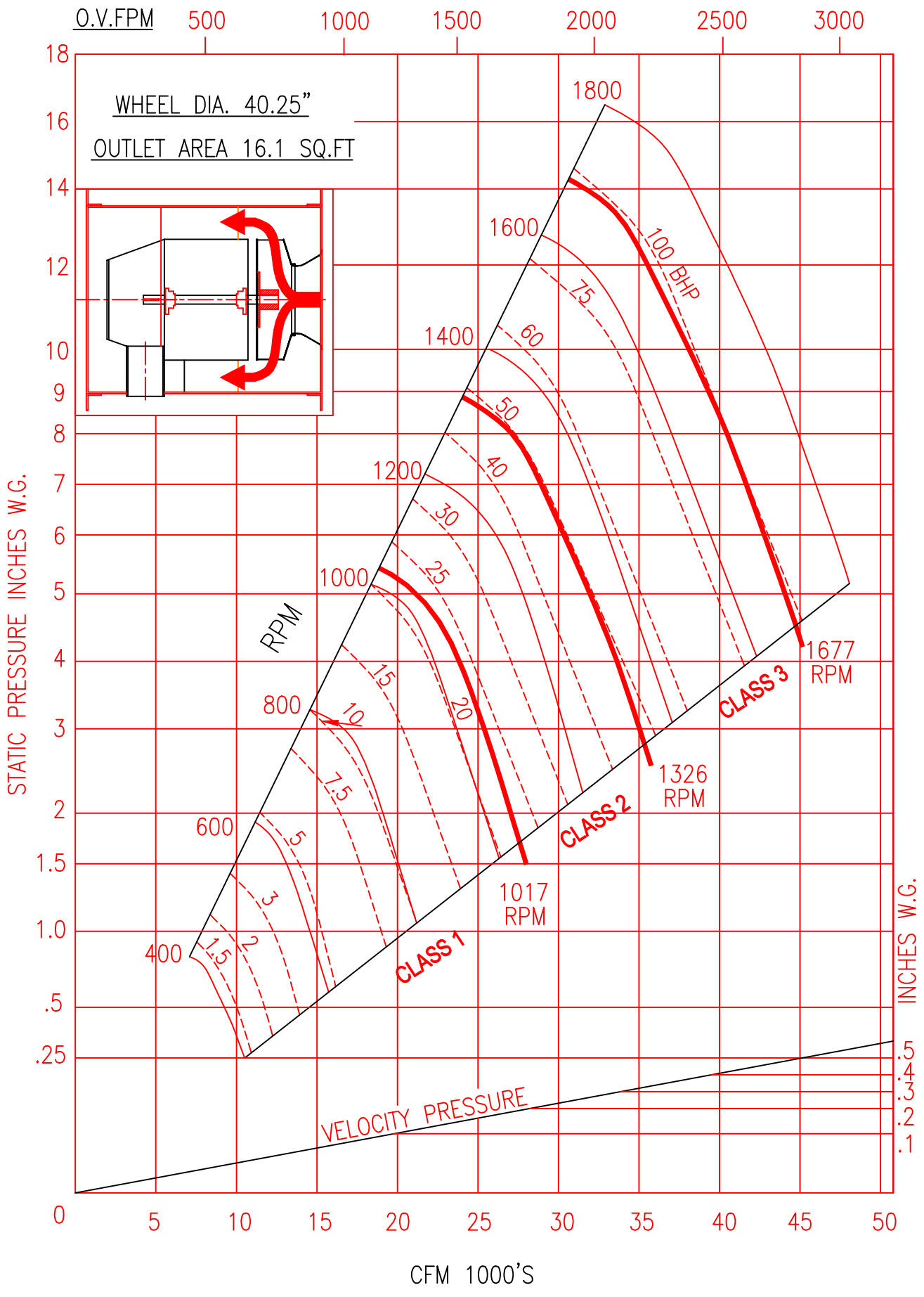
INLINE CENTRIFUGAL MODEL 7040 ULTRAFOIL®



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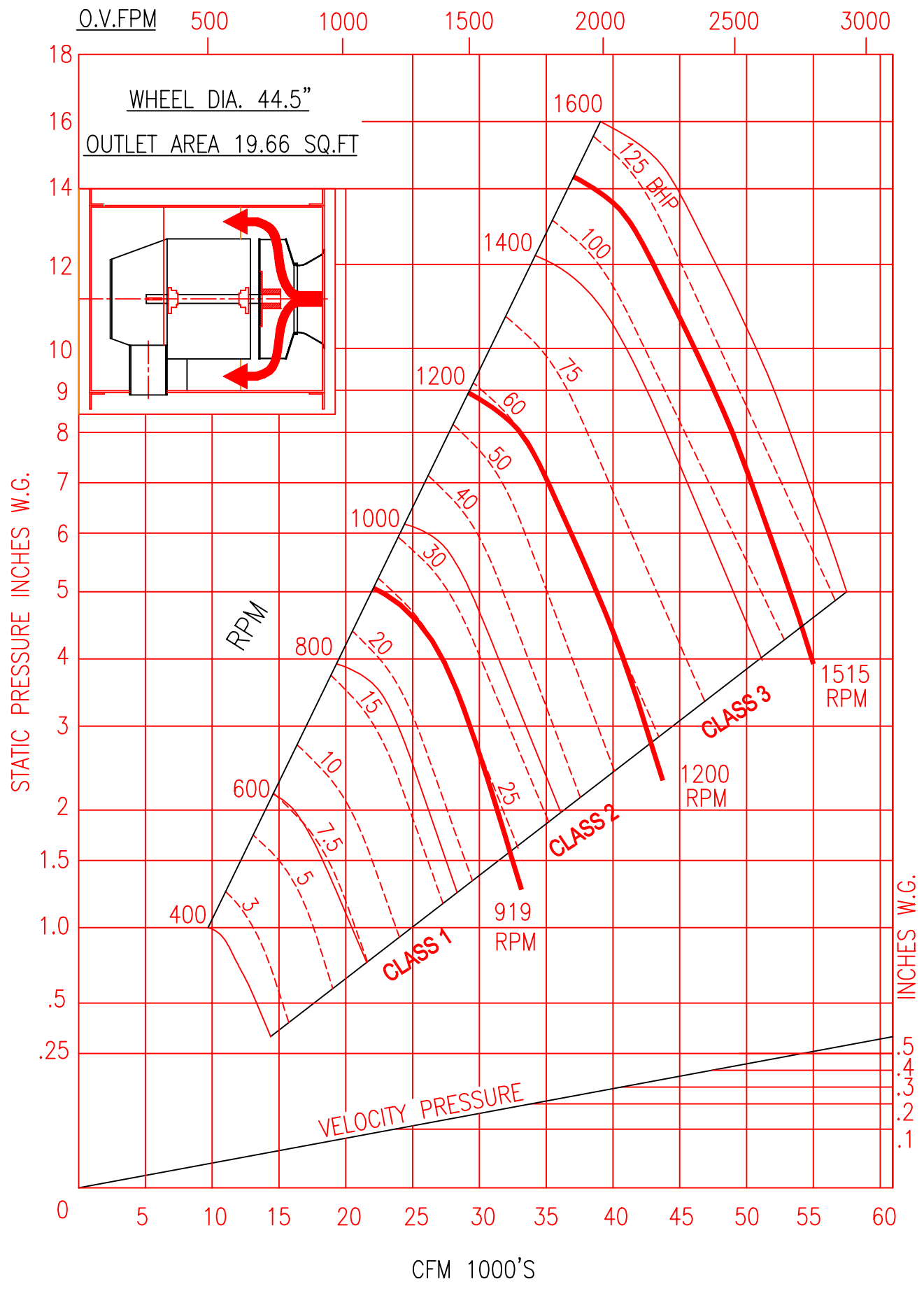
INLINE CENTRIFUGAL
MODEL 7044 ULTRAFOIL®



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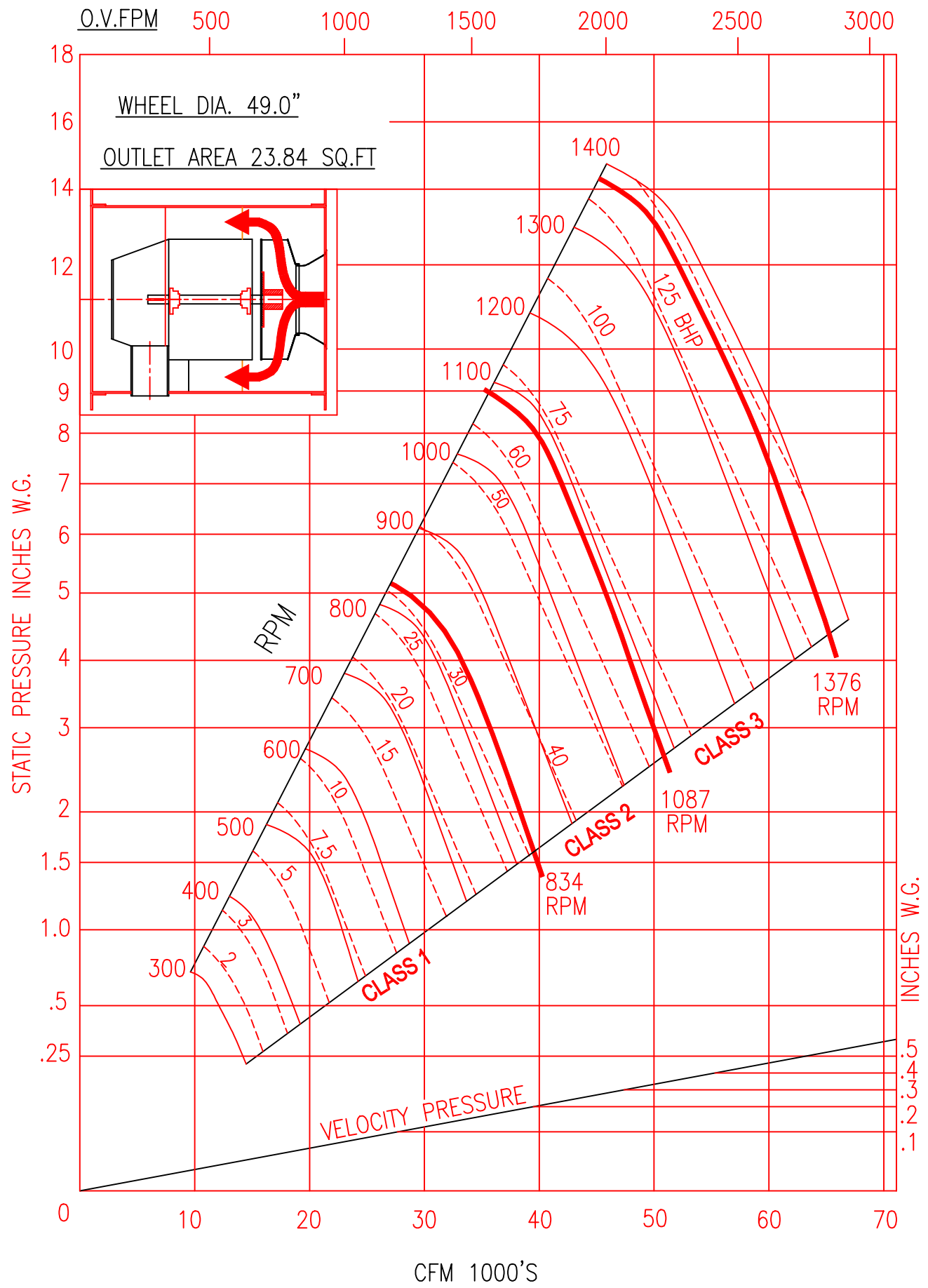
INLINE CENTRIFUGAL
MODEL 7049 ULTRAFOIL®



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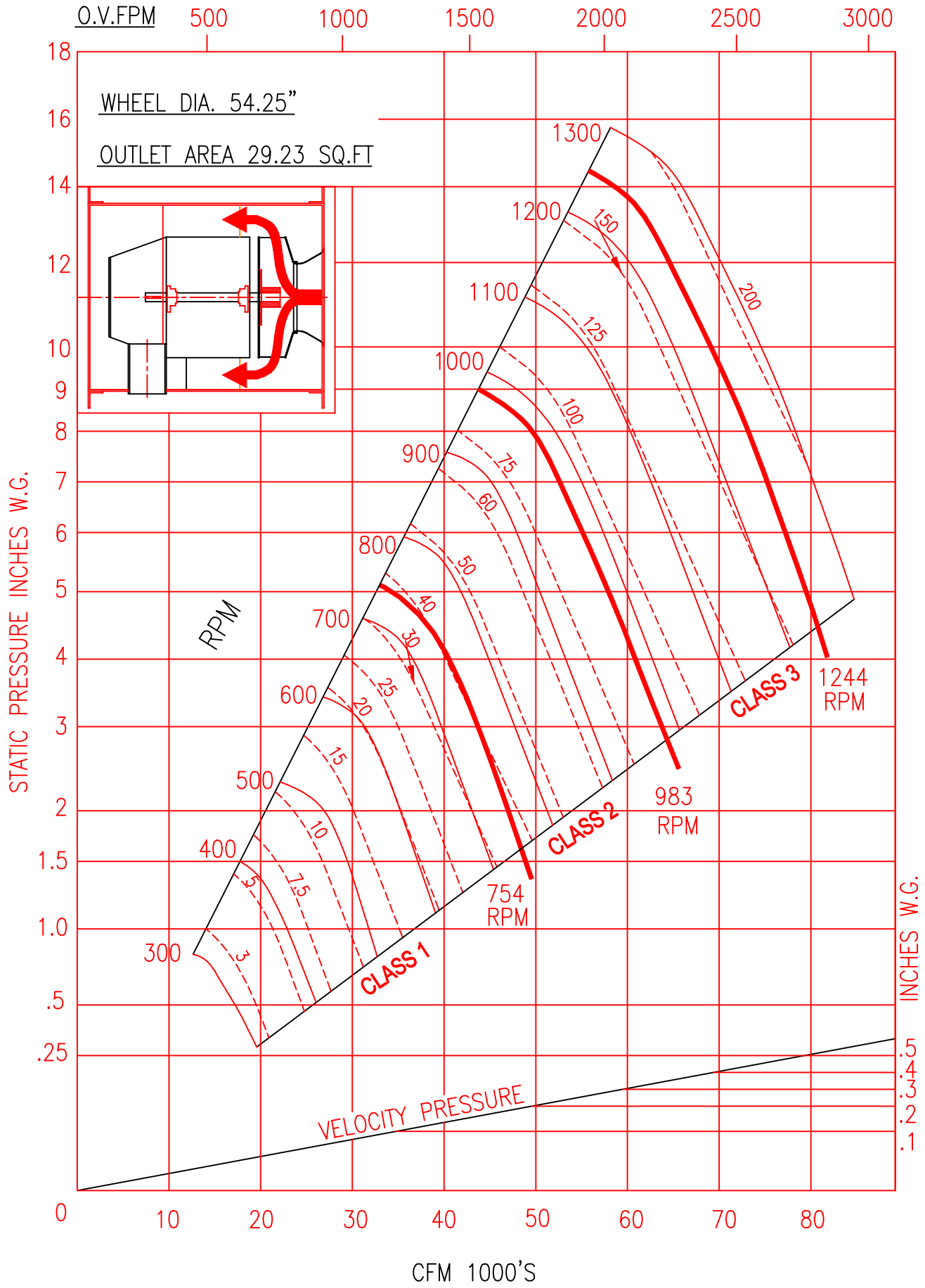
INLINE CENTRIFUGAL
MODEL 7054 ULTRAFOIL®



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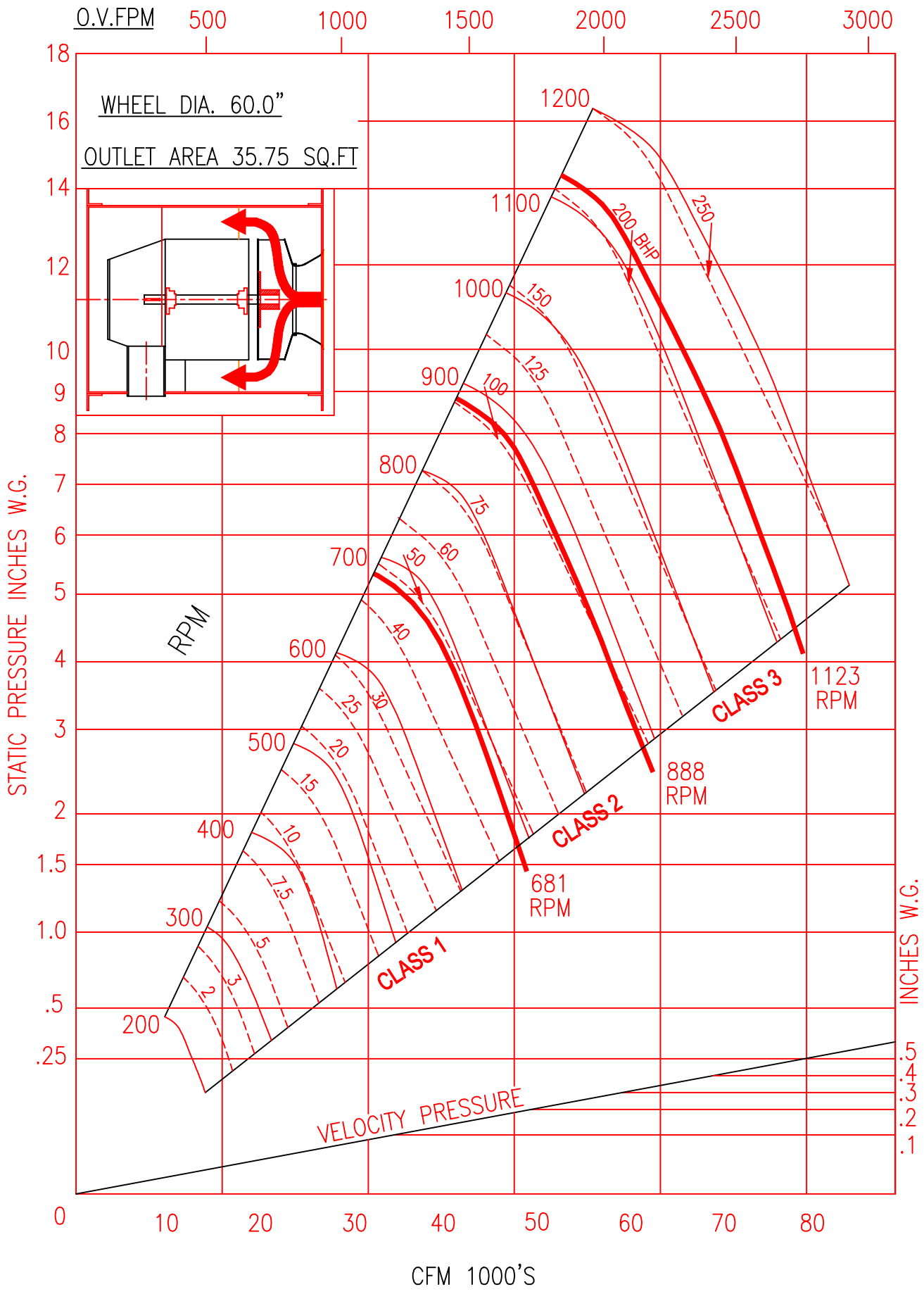
INLINE CENTRIFUGAL MODEL 7060 ULTRAFOIL®



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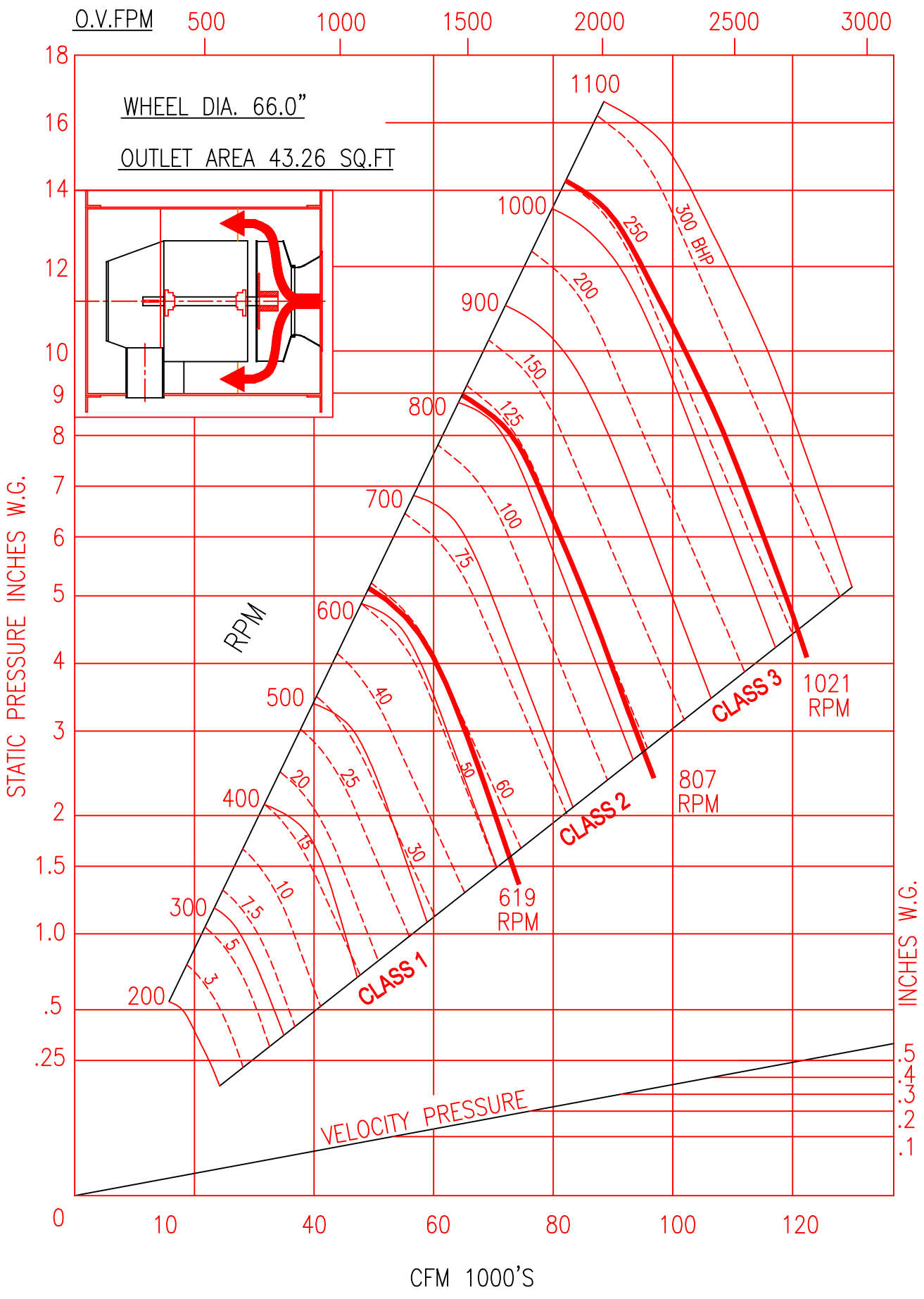
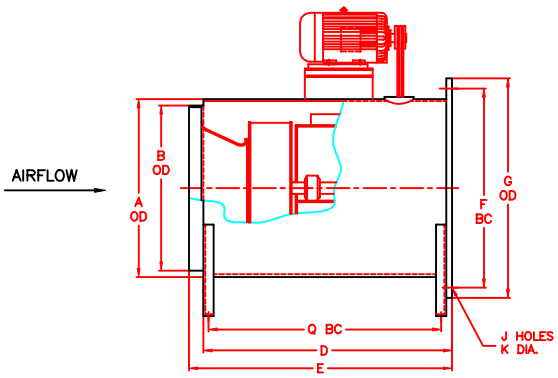
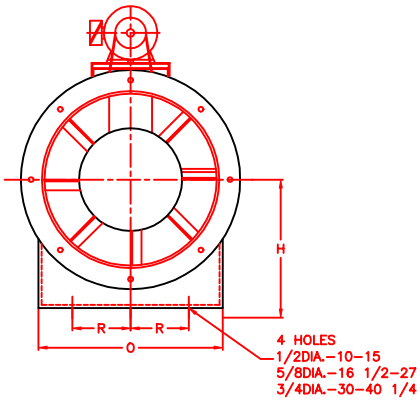
INLINE CENTRIFUGAL
MODEL 7066 ULTRAFOIL®







FAN SIZE	WHEEL DIA.	A	B	D	E	F	G	H	J	K	O	Q	R	CL.I		CL.II	
														SHAFT	KEY	SHAFT	KEY
10	10	13 3/16	12 1/4	18 1/16	19 5/8	14 3/4	16 1/4	10 3/4	8	3/8	11 7/8	16 7/16	4 3/4	3/4	3/16x3/16	15/16	1/4x1/4
12 1/4	12 1/4	15 1/8	13 1/2	21 7/16	22 5/8	16 3/4	17 7/8	11 3/4	8	3/8	13 5/8	19 1/16	5 3/4	3/4	3/16x3/16	15/16	1/4x1/4
13 1/2	13 1/2	18 1/2	16 1/2	25	26 9/16	20 1/8	21 1/4	14 9/16	8	3/8	16 1/2	23 1/8	7	15/16	1/4x1/4	15/16	1/4x1/4
15	15	20 1/4	18	26 1/2	28 1/16	21 7/8	23	15 13/16	8	3/8	18 1/4	24 5/8	7 3/4	15/16	1/4x1/4	15/16	1/4x1/4
16 1/2	16 1/2	22 1/2	19 5/8	29 1/4	30 13/16	24 1/8	25 1/4	16 7/8	8	3/8	20 1/4	27 1/8	8 3/4	15/16	1/4x1/4	1 3/16	1/4x1/4
18 1/4	18 1/4	24 3/4	21 5/8	29 15/16	32 1/2	26 3/8	27 1/2	18	16	3/8	22 1/4	27 13/16	9 1/2	15/16	1/4x1/4	1 3/16	1/4x1/4
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30	30	40 5/8	33 13/16	47 7/8	50 7/16	42 1/4	44	27 11/16	24	3/8	36 3/8	44 1/16	16 1/4	1 11/16	3/8x3/8	1 11/16	3/8x3/8
33	33	44 3/4	37	54 1/4	56 13/16	46 1/2	48 3/4	29 7/8	24	3/8	40 3/8	50 7/16	18 1/4	1 11/16	3/8x3/8	1 15/16	1/2x1/2
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40 1/4	40 1/4	54 5/8	40 5/8	63 3/16	65 3/4	56 1/4	58 3/4	34 3/4	24	3/8	49 1/8	59 3/8	22 1/2	1 15/16	1/2x1/2	2 3/16	1/2x1/2

POSITION 1 FURNISHED AS STANDARD AND CAN ALSO BE CONSTRUED AS MTG.FEET POS. 'TH' MOTOR POS.'B'

POSITION VIEWED FROM DISCHARGE

SPECIAL FEATURES

1. INLET VOLUME CONTROL
2. INLET SCREEN
3. WEATHERHOOD
4. CLEANOUT DOOR
5. EXTERNAL BELT GUARD
6. FLANGE INLET
7. SHAFT SEAL
8. SPARKPROOF CONSTRUCTION TYPE
9. COMPANION FLANGE A) INLET B) OUTLET
10. HORIZONTAL MTG. FEET
    A) LOCATED IN POS. 1
    B) LOCATED IN POS. 2
    C) LOCATED IN POS. 3
11. DRAIN WITH PLUG

ITEM NO.	IDENTIFICATION	NO. REQD.	FAN DATA		CLASS	PERFORMANCE						
			SIZE	% WIDTH		C.F.M.	O.V.	S.P.	R.P.M.	BHP	TEMP.	ELEV.

ITEM NO.	MOTOR DATA					DRIVE DATA				SPECIAL FEATURES
	HP	RPM	CURRENT	FRAME	TYPE	MOTOR SHEAVE	FAN SHEAVE	BELTS	CENTER	

NOTES:

1. ENTIRE FAN INCLUDING FASTENERS OF ST. ST. 304L MATERIAL
2. ITEM 3 'WEATHERHOOD' IS OF 304L SS WITH AN ACCESS DOOR

CUSTOMER _____

P.O.# _____

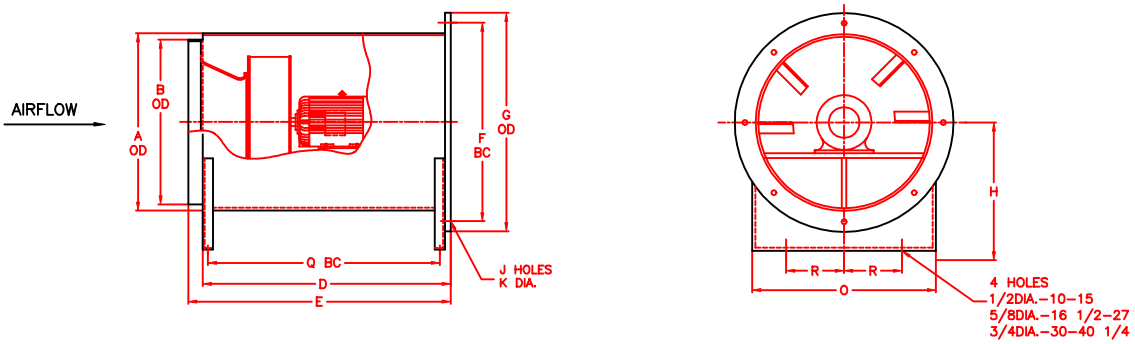
JOB NAME _____

LOCATION _____

SERIES 7000 WITH HORIZONTAL MOUNTING FEET
ARRANGEMENT 9 CLASS I & II

SHELDONS ENGINEERING
www.sheldonsengineering.com
sales@sheldonsengineering.com

FURNISHED FOR SALES PURPOSES DIMENSIONS NOT CERTIFIED BY S.E.	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. FURNISHED FOR APPROVAL NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL NOT REQUIRED–RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#



FAN SIZE	WHEEL DIA.	A	B	D	E	F	G	H	J	K	O	Q	R
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12 1/4	12 1/4	15 1/8	13 1/2	21 7/16	22 5/8	16 3/4	17 7/8	11 3/4	8	3/8	13 5/8	19 1/16	5 3/4
13 1/2	13 1/2	18 1/2	16 1/2	25	26 9/16	20 1/8	21 1/4	14 9/16	8	3/8	16 1/2	23 1/8	7
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20	20	27 3/16	23 3/4	35 1/8	37 3/16	29	30	20 1/2	16	3/8	24 5/8	32 3/4	10 1/2
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36 1/2	36 1/2	49 3/8	40 3/8	57 13/16	60 3/8	51	53 1/2	32 1/8	24	3/8	44 3/8	54	20
40 1/4	40 1/4	54 5/8	40 5/8	63 3/16	65 3/4	56 1/4	58 3/4	34 3/4	24	3/8	49 1/8	59 3/8	22 1/2

ITEM NO.	IDENTIFICATION	NO. REQD.	FAN DATA		CLASS	PERFORMANCE						
			SIZE	% WIDTH		C.F.M.	O.V.	S.P.	R.P.M.	BHP	TEMP.	ELEV.

ITEM NO.	MOTOR DATA				
	HP	RPM	CURRENT	FRAME	TYPE

SPECIAL FEATURES

1. INLET VOLUME CONTROL
2. INLET SCREEN
3. WEATHERHOOD
4. CLEANOUT DOOR
5. EXTERNAL BELT GUARD
6. FLANGE INLET
7. SHAFT SEAL
8. SPARKPROOF CONSTRUCTION TYPE
9. COMPANION FLANGE
   A) INLET B) OUTLET
10. HORIZONTAL MTG. LUGS
    A) LOCATED IN POS. 1
    B) LOCATED IN POS. 2
11. VERTICAL MTG.LUGS
    A) LOCATED AT WHEEL END (AIRFLOW DOWN)
    B) LOCATED AT OPPOSITE END (AIRFLOW UP)

CUSTOMER _____

P.O.# _____

JOB NAME _____

LOCATION _____

SERIES 7000 WITH HORIZONTAL MOUNTING FEET
ARRANGEMENT 4 CLASS I & II

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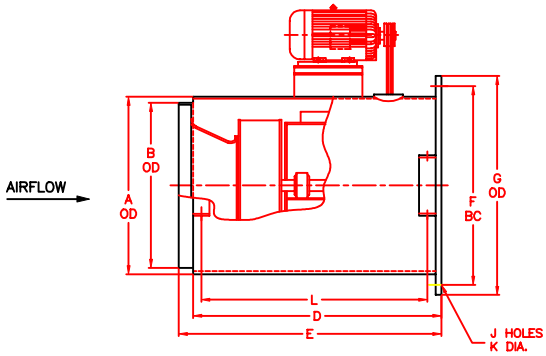
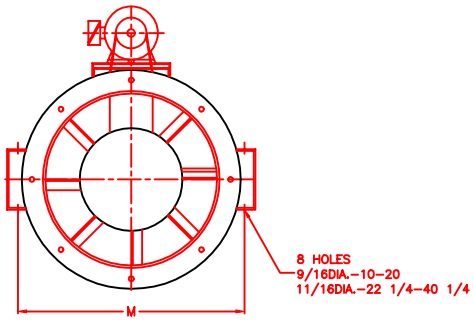
DRAWING CERTIFIED BY S.E. APPROVAL NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#





FAN SIZE	WHEEL DIA.	A	B	D	E	F	G	J	K	L	M	SHAFT DIA.		KEYWAY SIZE	
												CL.I	CL.II	CL.I	CL.II
10	10	13 3/16	12 1/4	18 1/16	19 5/8	14 3/4	16 1/4	8	3/8	15 7/8	14 3/4	3/4	15/16	3/16x3/16	1/4x1/4
12 1/4	12 1/4	15 1/8	13 1/2	21 7/16	22 5/8	16 3/4	17 7/8	8	3/8	19 1/4	16 7/8	3/4	15/16	3/16x3/16	1/4x1/4
13 1/2	13 1/2	18 1/2	16 1/2	25	26 9/16	20 1/8	21 1/4	8	3/8	23 3/16	20 1/2	15/16	15/16	1/4x1/4	1/4x1/4
15	15	20 1/4	18	26 1/2	28 1/16	21 7/8	23	8	3/8	24 5/16	22 1/4	15/16	15/16	1/4x1/4	1/4x1/4
16 1/2	16 1/2	22 1/2	19 5/8	29 1/4	30 13/16	24 1/8	25 1/4	8	3/8	26 9/16	23 3/4	15/16	1 3/16	1/4x1/4	1/4x1/4
18 1/4	18 1/4	24 3/4	21 5/8	29 15/16	32 1/2	26 3/8	27 1/2	16	3/8	27 3/16	26 1/8	15/16	1 3/16	1/4x1/4	1/4x1/4
20	20	27 3/16	23 3/4	35 1/8	37 3/16	29	30	16	3/8	32 3/8	28 3/4	1 3/16	1 7/16	1/4x1/4	3/8x3/8
22 1/4	22 1/4	30 3/16	25 11/16	37 3/16	39 1/4	32	33	24	3/8	34 7/16	30 3/4	1 3/16	1 7/16	1/4x1/4	3/8x3/8
24 1/2	24 1/2	33 3/16	28 1/8	39 11/16	41 3/4	35	36	24	3/8	36 15/16	34	1 7/16	1 11/16	3/8x3/8	3/8x3/8
27	27	36 9/16	30 5/8	44 5/16	46 3/8	38 3/8	39 3/8	24	3/8	41 9/16	37 1/8	1 7/16	1 11/16	3/8x3/8	3/8x3/8
30	30	40 5/8	33 13/16	47 7/8	50 7/16	42 1/4	44	24	3/8	44 5/8	41	1 11/16	1 11/16	3/8x3/8	3/8x3/8
33	33	44 3/4	37	54 1/4	56 13/16	46 1/2	48 3/4	24	3/8	51	45 3/8	1 11/16	1 15/16	3/8x3/8	1/2x1/2
36 1/2	36 1/2	49 3/8	40 3/8	57 13/16	60 3/8	51	53 1/2	24	3/8	54 9/16	49 3/8	1 15/16	1 15/16	1/2x1/2	1/2x1/2
40 1/4	40 1/4	54 5/8	40 5/8	63 3/16	65 3/4	56 1/4	58 3/4	24	3/8	59 15/16	55	1 15/16	1 15/16	1/2x1/2	1/2x1/2

POSITION VIEWED FROM DISCHARGE

SPECIAL FEATURES

1. INLET VOLUME CONTROL
2. INLET SCREEN
3. WEATHERHOOD
4. CLEANOUT DOOR
5. EXTERNAL BELT GUARD
6. FLANGE INLET
7. SHAFT SEAL
8. SPARKPROOF CONSTRUCTION TYPE
9. COMPANION FLANGE A) INLET B) OUTLET
10. HORIZONTAL MTG. LUGS
    A) LOCATED IN POS. 1
    B) LOCATED IN POS. 2
11. VERTICAL MTG. LUGS
    A) LOCATED AT WHEEL END (AIRFLOW DOWN)
    B) LOCATED AT OPPOSITE END (AIRFLOW UP)

ITEM NO.	IDENTIFICATION	NO. REQD.	FAN DATA		CLASS	PERFORMANCE						
			SIZE	% WIDTH		C.F.M.	O.V.	S.P.	R.P.M.	BHP	TEMP.	ELEV.

ITEM NO.	MOTOR DATA					DRIVE DATA				SPECIAL FEATURES
	HP	RPM	CURRENT	FRAME	TYPE	MOTOR SHEAVE	FAN SHEAVE	BELTS	CTRS.	

CUSTOMER _____

P.O.# _____

JOB NAME _____

LOCATION _____

SERIES 7000

ARRANGEMENT 1 & 9T/9S CLASS I & II

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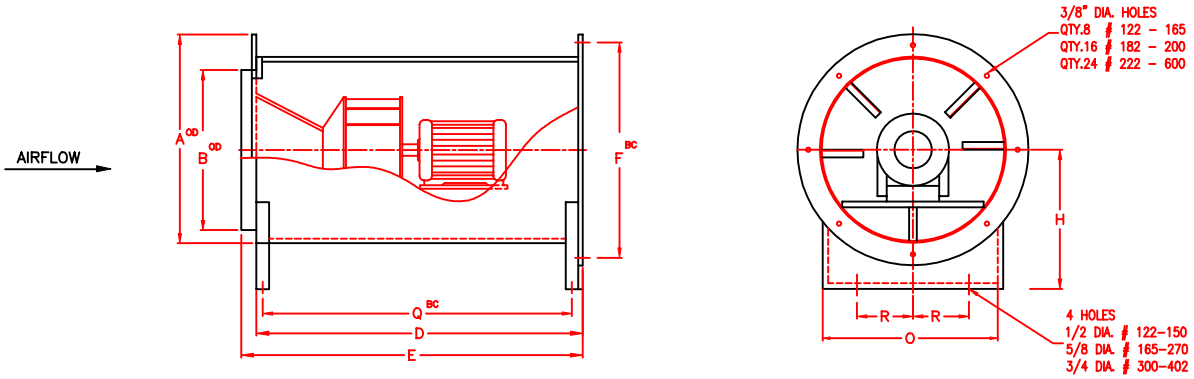
DRAWING CERTIFIED BY S.E. APPROVAL NOT REQUIRED–RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#



FAN SIZE	WHEEL DIA.	A	B	D	E	F	H	O	Q	R	SHAFT DIA.		KEYWAY SIZE	
											CL.I	CL.II	CL.I	CL.II
12 1/4	12 1/4	15 1/8	13 1/2	21 7/16	22 5/8	16 3/4	11 3/4	13 5/8	19 1/16	5 3/4	1 3/16	1 3/16	1/4x1/8	1/4x1/8
13 1/2	13 1/2	18 1/2	16 1/2	25	26 9/16	20 1/8	14 9/16	16 1/2	23 1/8	7	1 3/16	1 3/16	1/4x1/8	1/4x1/8
15	15	20 1/4	18	26 1/2	28 1/16	21 7/8	15 13/16	18 1/2	24 5/8	7 3/4	1 3/16	1 3/16	1/4x1/8	1/4x1/8
16 1/2	16 1/2	22 1/2	19 5/8	29 1/4	30 13/16	24 1/8	16 7/8	20 1/4	27 1/8	8 3/4	1 3/16	1 7/16	1/4x1/8	1/4x1/8
16 1/4	16 1/4	24 3/4	21 5/8	29 15/16	32 1/2	26 3/8	18	22 1/4	27 13/16	9 1/2	1 7/16	1 11/16	1/4x1/8	3/8x3/16
20	20	27 3/16	23 3/4	35 1/8	37 3/16	29	20 1/2	24 5/8	32 3/4	10 1/2	1 7/16	1 11/16	3/8x3/16	3/8x3/16
22 1/4	22 1/4	30 3/16	25 11/16	37 3/16	39 1/4	32	21 15/16	27	34 3/32	11 1/2	1 7/16	1 11/16	3/8x3/16	3/8x3/16
24 1/2	24 1/2	33 3/16	28 1/8	39 11/16	41 1/4	35	23 9/16	30	36 19/32	13	1 11/16	1 15/16	3/8x3/16	3/8x3/16
27	27	36 9/16	30 5/8	44 5/16	46 3/8	38 3/8	26 1/4	33	40 29/32	14 1/2	1 11/16	2 3/16	3/8x3/16	1/2x1/4
30	30	40 5/8	33 13/16	47 7/8	50 7/16	42 1/4	27 11/16	36 3/8	44 1/16	16 1/4	1 15/16	2 3/16	1/2x1/4	1/2x1/4
33	33	44 3/4	37	54 1/4	56 13/16	46 1/2	29 7/8	40 3/8	50 7/16	18 1/4	1 15/16	2 3/16	1/2x1/4	1/2x1/4
36 1/2	36 1/2	49 3/8	40 3/8	57 13/16	60 3/8	51	32 1/8	44 3/8	54	20	2 3/16	2 3/16	1/2x1/4	1/2x1/4
40 1/4	40 1/4	54 5/8	40 5/8	63 3/16	65 3/4	56 1/4	34 3/4	49 1/8	59 3/8	22 1/2	2 3/16	2 7/16	1/2x1/4	5/8x5/16
44 1/2	44 1/2	60 1/8	44 1/8	69 9/16	72 1/2	61 7/8	34 1/16	68 1/8	65 9/16	22	2 7/16	2 11/16	5/8x5/16	5/8x5/16
49	49	66 3/8	48 7/8	76	78 5/8	68 1/2	37 3/16	74 3/8	72	24	2 7/16	2 11/16	5/8x5/16	5/8x5/16
54	54	73 3/8	53 5/8	83 11/16	86 5/16	75 1/4	40 9/16	81 1/8	79 11/16	26 1/2	2 7/16	2 15/16	5/8x5/8	3/4x3/4
60	60	80 7/8	59 3/8	92 5/8	95 1/4	83	44 7/16	88 7/8	88 5/8	29	2 7/16	3 3/16	5/8x5/8	3/4x3/4

ITEM NO.	IDENTIFICATION	NO. REQD.	FAN DATA		CLASS	PERFORMANCE						
			SIZE	% WIDTH		C.F.M.	O.V.	S.P.	R.P.M.	BHP	TEMP.	ELEV.

ITEM NO.	MOTOR DATA					DRIVE DATA				SPECIAL FEATURES
	HP	RPM	CURRENT	FRAME	TYPE	MOTOR SHEAVE	FAN SHEAVE	BELTS	CTRS.	

POSITIONS VIEWED FROM DISCHARGE

SPECIAL FEATURES

1. INLET VOLUME CONTROL
2. INLET SCREEN
3. WEATHERHOOD
4. CLEANOUT DOOR
5. EXTERNAL BELT GUARD
6. FLANGE INLET
7. SHAFT SEAL
8. SPARKPROOF CONSTRUCTION TYPE
9. COMPANION FLANGE A) INLET B) OUTLET
10. HORIZONTAL MTG. FEET
    A) LOCATED IN POS. 1
    B) LOCATED IN POS. 2
    C) LOCATED IN POS. 3

CUSTOMER _____

P.O.# _____

JOB NAME _____

LOCATION _____

SERIES 7000
ARRANGEMENT 4 CLASS I & II

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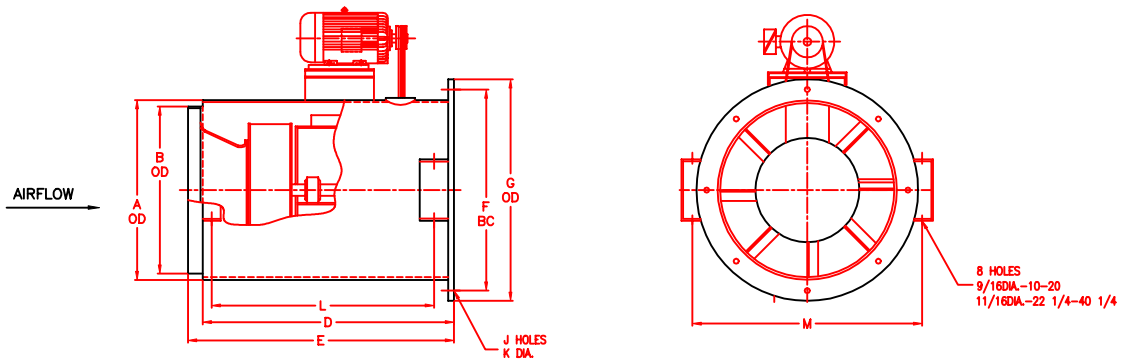
FURNISHED FOR SALES PURPOSES DIMENSIONS NOT CERTIFIED BY S.E.	DATE	SUBMITTED BY	SALE OFFICE
DRAWING CERTIFIED BY S.E. FURNISHED FOR APPROVAL -NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL -NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#



FAN SIZE	WHEEL DIA.	A	B	D	E	F	G	J	K	L	M	SHAFT DIA.		KEYWAY SIZE	
												CL.III			
10	10	13 3/16	12 1/4	18 1/16	19 5/8	14 3/4	16 1/4	8	3/8	15 7/8	14 3/4	–			
12 1/4	12 1/4	15 1/8	13 1/2	21 7/16	22 5/8	16 3/4	17 7/8	8	3/8	19 1/4	16 7/8	–			
13 1/2	13 1/2	18 1/2	16 1/2	25	26 9/16	20 1/8	21 1/4	8	3/8	23 3/16	20 1/2	1 3/16			
15	15	20 1/4	18	26 1/2	28 1/16	21 7/8	23	8	3/8	24 5/16	22 1/4	1 3/16			
16 1/2	16 1/2	22 1/2	19 5/8	29 1/4	30 13/16	24 1/8	25 1/4	8	3/8	26 9/16	23 3/4	1 7/16			
18 1/4	18 1/4	24 3/4	21 5/8	29 15/16	32 1/2	26 3/8	27 1/2	16	3/8	27 3/16	26 1/8	1 11/16			
20	20	27 3/16	23 3/4	35 1/8	37 3/16	29	30	16	3/8	32 3/8	28 3/4	1 11/16			
22 1/4	22 1/4	30 3/16	25 11/16	37 3/16	39 1/4	32	33	24	3/8	34 7/16	30 3/4	1 15/16			
24 1/2	24 1/2	33 3/16	28 1/8	39 11/16	41 3/4	35	36	24	3/8	36 15/16	34	1 15/16			
27	27	36 9/16	30 5/8	44 5/16	46 3/8	38 3/8	39 3/8	24	3/8	41 9/16	37 1/8	2 3/16			
30	30	40 5/8	33 13 1/6	47 7/8	50 7/16	42 1/4	44	24	3/8	44 5/8	41	2 7/16			
33	33	44 3/4	37	54 1/4	56 13/16	46 1/2	48 3/4	24	3/8	51	45 3/8	2 7/16			
36 1/2	36 1/2	49 3/8	40 3/8	57 13/16	60 3/8	51	53 1/2	24	3/8	54 9/16	49 3/8	2 11/16			
40 1/4	40 1/4	54 5/8	40 5/8	63 3/16	65 3/4	56 1/4	58 3/4	24	3/8	59 15/16	55	2 15/16			

POSITION VIEWED FROM DISCHARGE

SPECIAL FEATURES

1. INLET VOLUME CONTROL
2. INLET SCREEN
3. WEATHERHOOD
4. CLEANOUT DOOR
5. EXTERNAL BELT GUARD
6. FLANGE INLET
7. SHAFT SEAL
8. SPARKPROOF CONSTRUCTION TYPE
9. COMPANION FLANGE
   A) INLET B) OUTLET
10. HORIZONTAL MTG. LUGS
    A) LOCATED IN POS. 1
    B) LOCATED IN POS. 2
11. VERTICAL MTG. LUGS
    A) LOCATED AT WHEEL END (AIRFLOW DOWN)
    B) LOCATED AT OPPOSITE END (AIRFLOW UP)

ITEM NO.	IDENTIFICATION	NO. REQD.	FAN DATA		CLASS	PERFORMANCE						
			SIZE	% WIDTH		C.F.M.	O.V.	S.P.	R.P.M.	BHP	TEMP.	ELEV.

ITEM NO.	MOTOR DATA					DRIVE DATA				SPECIAL FEATURES
	HP	RPM	CURRENT	FRAME	TYPE	MOTOR SHEAVE	FAN SHEAVE	BELTS	CTRS.	

CUSTOMER _____

P.O.# _____

JOB NAME _____

LOCATION _____

SERIES 7000

ARRANGEMENT 9 CLASS III

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DRAWING CERTIFIED BY S.E. APPROVAL NOT REQUIRED—RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#