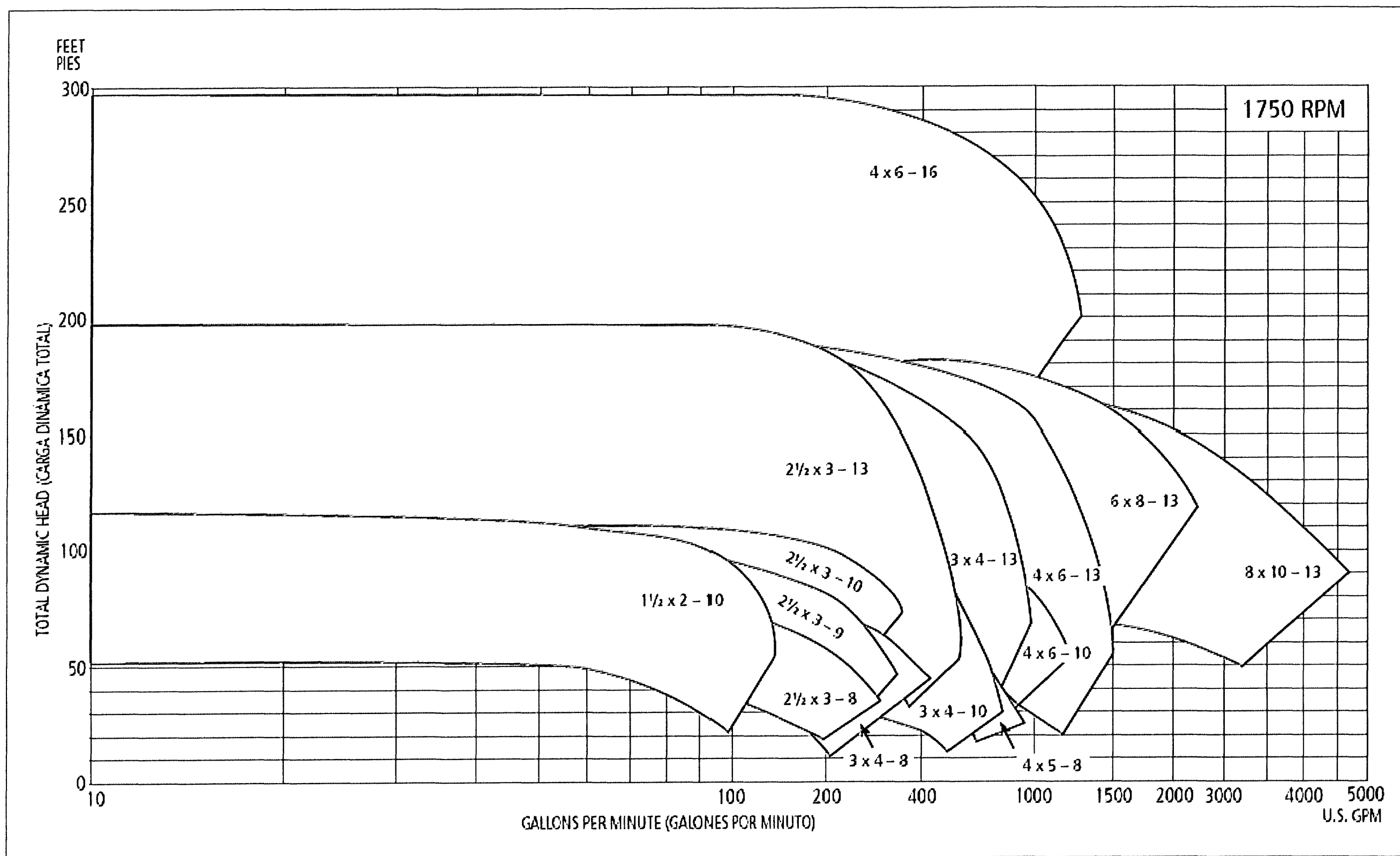


FILTER #3 (80 Sq. Ft.)

GOULDS PUMP 3656, MODEL 18BF

863.46 GPM @ 56.4 Feet TDH
 6x8-13 with 10.75" impeller trim
 Cast iron bronze fitted close coupled horizontal end suction centrifugal pump
 Single mechanical seal, Carbon / Ceramic / SS / Buna
 25 HP, 1450 RPM, ODP, 286JP frame, 3 Phase / 50 Hz / 180 Amp / 380 Volt motor also rated...
 30 HP, 1750 RPM, ODP, 286JP frame, 3 Phase / 60 Hz / 208-230 Amp / 460 Volt



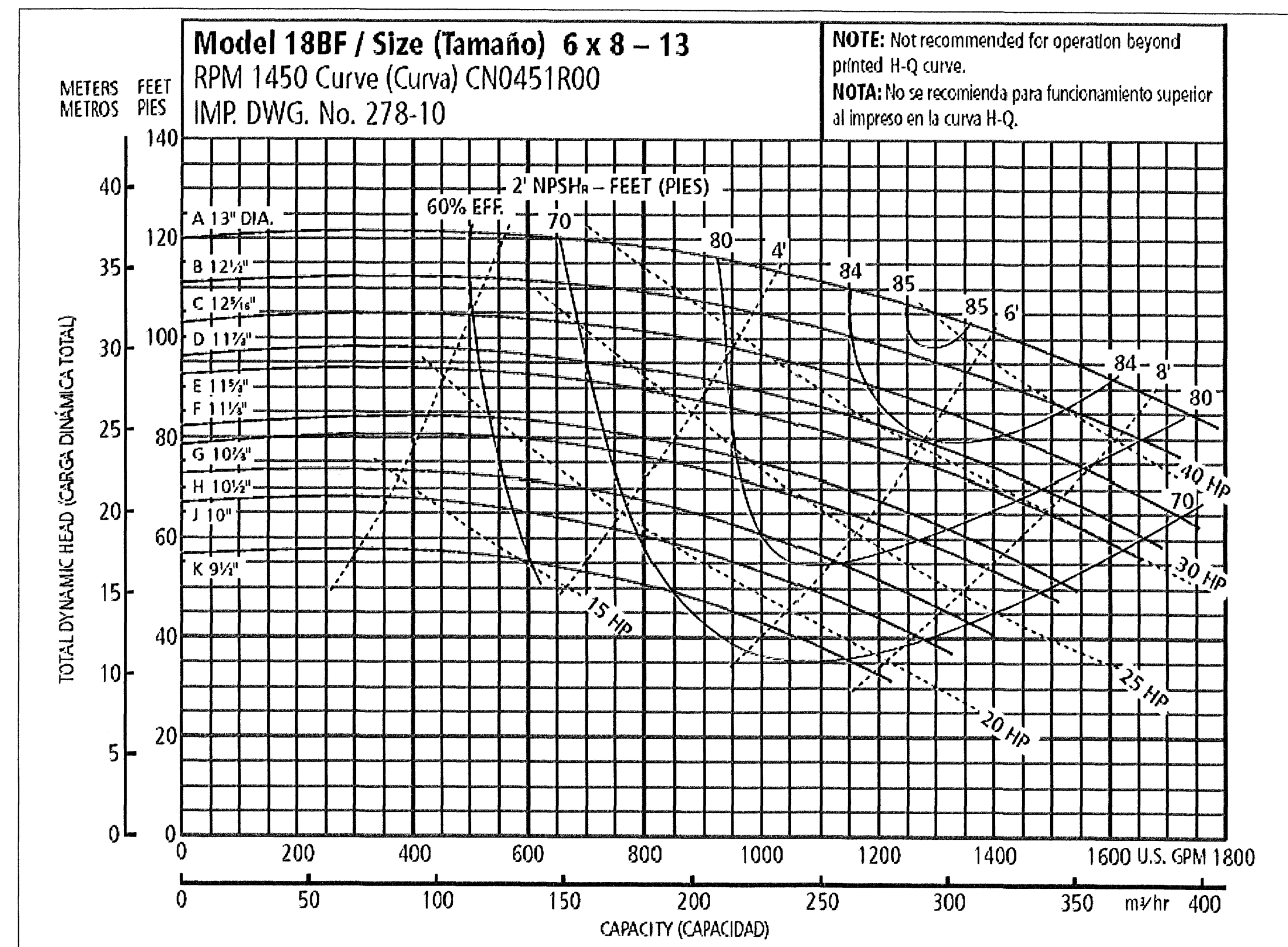
TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNG. RPM	P.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN	
30&25	22.4&18.7	1800	1740&1460	286JP	DP	F	B	
PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB
3	60/50	230/460&110/380	79/39.5&79/39.5	ACROSS THE LINE	CONTINUOUS	03	1.1&1.0	40
FULL LOAD EFF:		89.5&90.2	3/4 LOAD EFF:	90.2	1/2 LOAD EFF:	89.3	QTD. EFF	ELEG. TYPE
FULL LOAD PF:		80&80	3/4 LOAD PF:	78	1/2 LOAD PF:	70	87.5	5Q CAGE IND RUN
P.L. TORQUE		LOCKED ROTOR AMPS	L.R. TORQUE		B.D. TORQUE		P.L. RISE	
90 LB-FT		390 / 195	145 LB-FT 161 %		190 LB-FT 211 %		55	
SOUND PRESSURE @ 3 FT.		SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT	
72 dBA		82 dBA	2.3 LB-FT^2	130 LB-FT^2	15 SEC.	2	325 LBS.	

***** SUPPLEMENTAL INFORMATION *****

OE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	RODENT	STANDARD
BEARINGS		GREASE	SHAFT TYPE	SPECIAL OE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL	
DB	ODB							
BALL	BALL	STANDARD	JP	NONE	NONE	STANDARD	CAST IRON	
311	210							

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDO RYD	DRG RYD	NONE	FALSE	NONE VOLTS
NONE	NONE	NONE	NONE			



FILTER #3
 PUMP DETAILS

- Do not scale drawings. Refer to or request specific dimensions.
- Specific dimensions are assumed to be accurate. However, do not use for construction unless verified and certified.
- Dimensions and details are subject to change without notice unless drawings are certified.
- For clarity or reference, certain equipment or areas of construction may be shown. Do not assume all items or work illustrated on these drawings to be furnished by Nature Corporation. Refer to equipment schedule or scope of work for specific details.
- When related work or equipment is shown, such illustration is for information or clarity only. Always refer to appropriate documents for specific details or instructions.

Sundmidstod
 Iceland

Samþykkt þann
 07 MAI 2008
 Byggingarfulltrúinn í Hafnarfirði
 F.h. Hrólfur S. Gunnlaugsson

[Signature]
 Kt. 110457-2789

Strendingurehf.
 Færðingur 13-15-220 Hafnarfirður
 Sími 565 5640 • skrifstofa@strendingur.is
 www.strendingur.is

NO.	DESCRIPTION	DATE
REVISIONS		

NATURE
 CORPORATION
 5905 W. 74th Street
 Indianapolis, IN 46276-1786
 (317)200-8828
 Fax: (317)200-9988

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PAGE TITLE:
VACUUM SAND FILTER DETAILS

DATE: 10/5/07
 FILE: Vacuum Sand Filters.dwg
 LAYOUT: VSF #3 Pumps
 DRAWN BY: SAL
 CHECKED BY: MTW
 PROJECT NO.:
 SHEET NO.: 8.2d