

FILTER #4 (44 Sq. Ft.)

GOULDS PUMP 3656, MODEL 14BF

352.42 GPM @ 56.4 Feet TDH

3x4-13 with 11.25" impeller trim

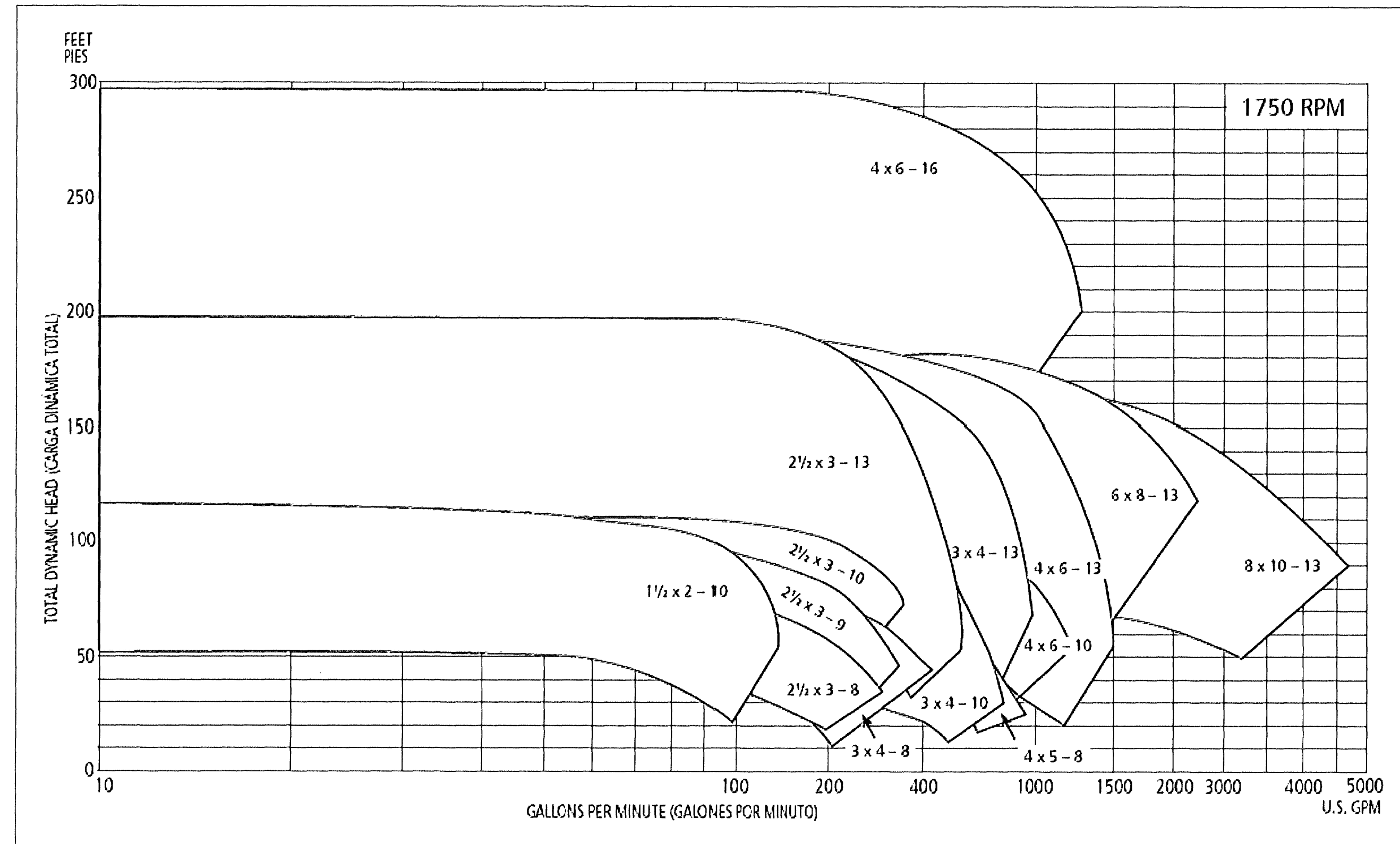
Cast iron bronze fitted close coupled horizontal end suction centrifugal pump

Single mechanical seal, Carbon / Ceramic / SS / Buna

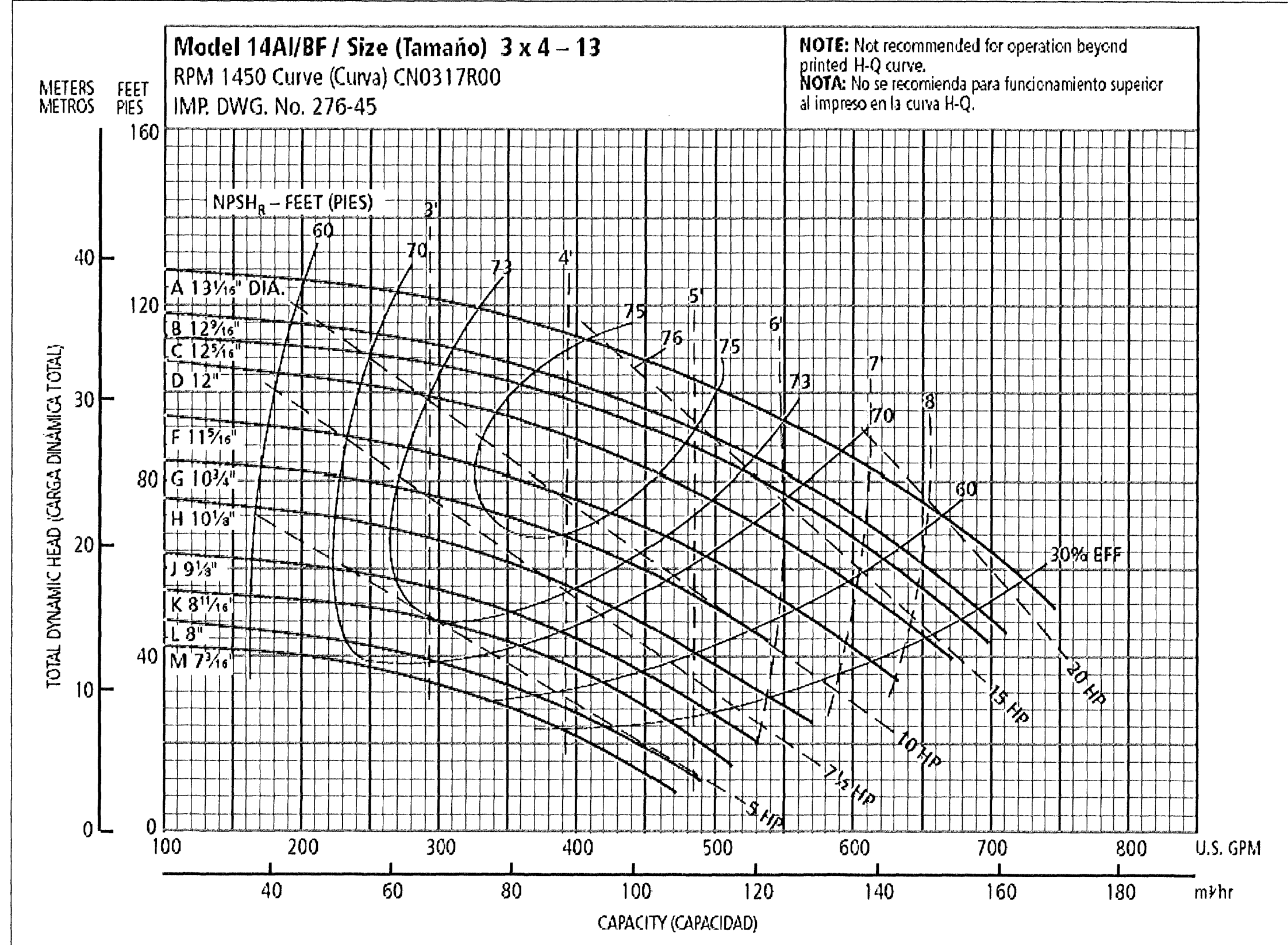
12 HP, 1450 RPM, ODP, 254JM frame, 3 Phase / 50 Hz / 180 Amp / 380 Volt

motor also rated...

15 HP, 1750 RPM, ODP, 254JM frame, 3 Phase / 60 Hz / 208-230 Amp / 460 Volt



TYPICAL MOTOR PERFORMANCE DATA											
HP	KW	SYNC. RPM	P.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN				
15&12	11.2&8.95	1800	1745&1455	254JM	DP	G	B				
PH	Hz	VOLTS		AMPS		START TYPE	DUTY	INSL.	S.F.	AMB	
3	60/50	208-230/400&1100/300		43-39.7/19.0&37.6/10.0		ACROSS THE LINE	CONTINUOUS	03	1.15/1.15	10	
FULL LOAD EFF:		87.5&89.5	3/4 LOAD EFF:	89.5	1/2 LOAD EFF:	89	GRD. EFF:	ELEC. TYPE			
FULL LOAD PF:		81.3&78.5	3/4 LOAD PF:	76.5	1/2 LOAD PF:	66.5	85.5	SQ. CAGE IND. RUN			
P.L. TORQUE		LOCKED ROTOR AMPS		L.R. TORQUE		B.D. TORQUE		P.L. RISE			
45 LB-FT		232 / 116		80 LB-FT 173 %		125 LB-FT 278 %		70			
SOUND PRESSURE @ 3 FT.		SOUND POWER		ROTOR WKA^2		MAX. WKA^2		SAFE STALL TIME		STARTS / HOUR	APPROX. MOTOR WGT
70 dBA		80 dBA		1 LB-FT^2		75 LB-FT^2		15 SEC.		2	130 LBS.
*** SUPPLEMENTAL INFORMATION ***											
DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT			
C-FACG	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	STANDARD			
BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL				
DE	ODE	STANDARD	JM	NONE	NONE	STANDARD	ROLLED STEEL				
309	208										
THERMO-PROTECTORS							THERMISTORS	CONTROL	SPACE HEATERS		
THERMOSTATS		PROTECTORS	Wdg RTDs	URg RTDs	NONE		NONE	FALSE	NONE VOLTS		
NONE		NONE	NONE	NONE	NONE						



FILTER #4
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

Sampykkt þann
07 MAI 2008
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NO.	DESCRIPTION	DATE
REVISIONS		

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PAGE TITLE:
VACUUM SAND FILTER DETAILS

DATE: 10/5/07
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LAYOUT: VSF #4 Pumps
DRAWN BY: SAL
CHECKED BY: MTW
PROJECT NO.: SHEET NO.:
8.3d