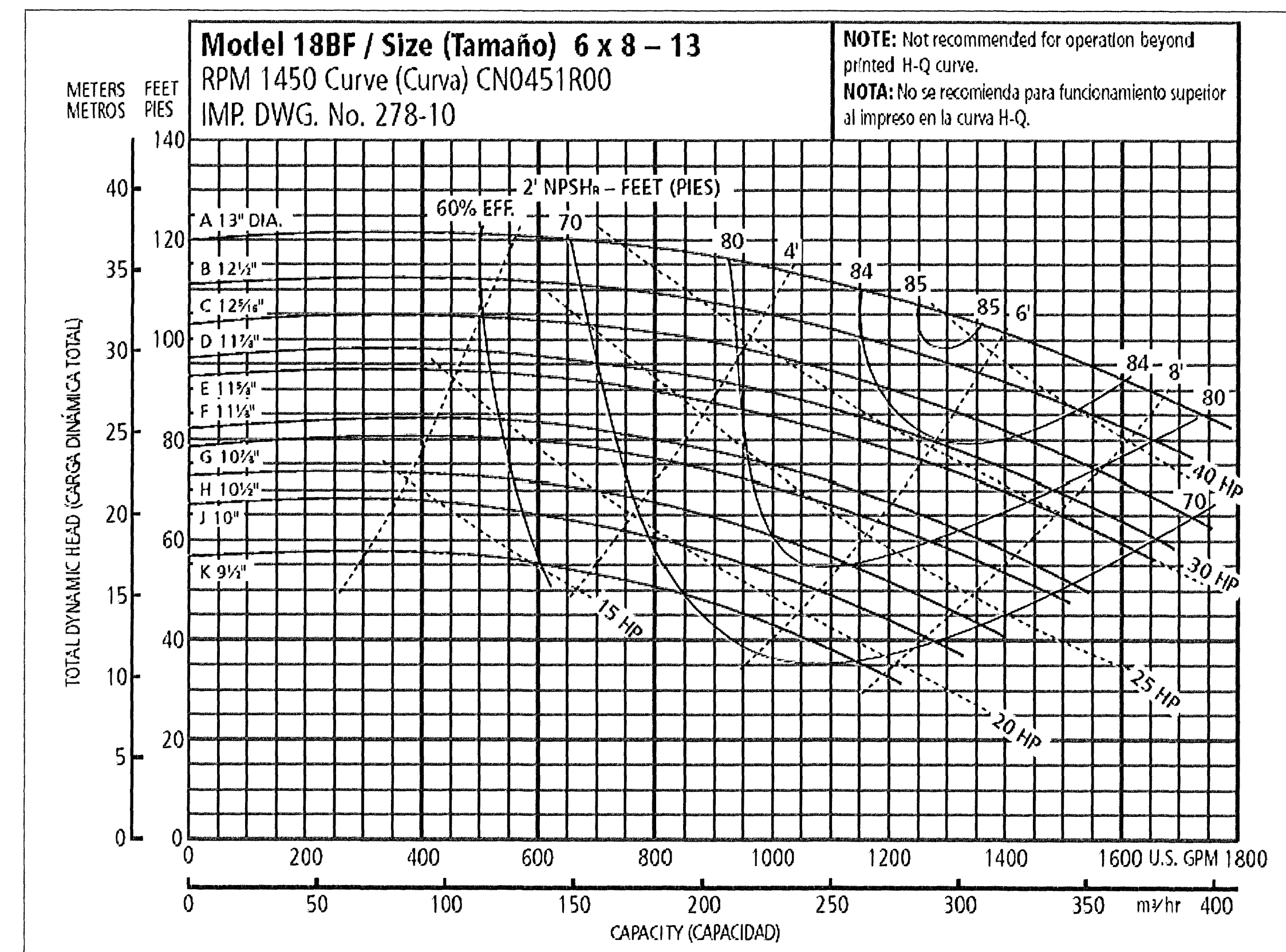
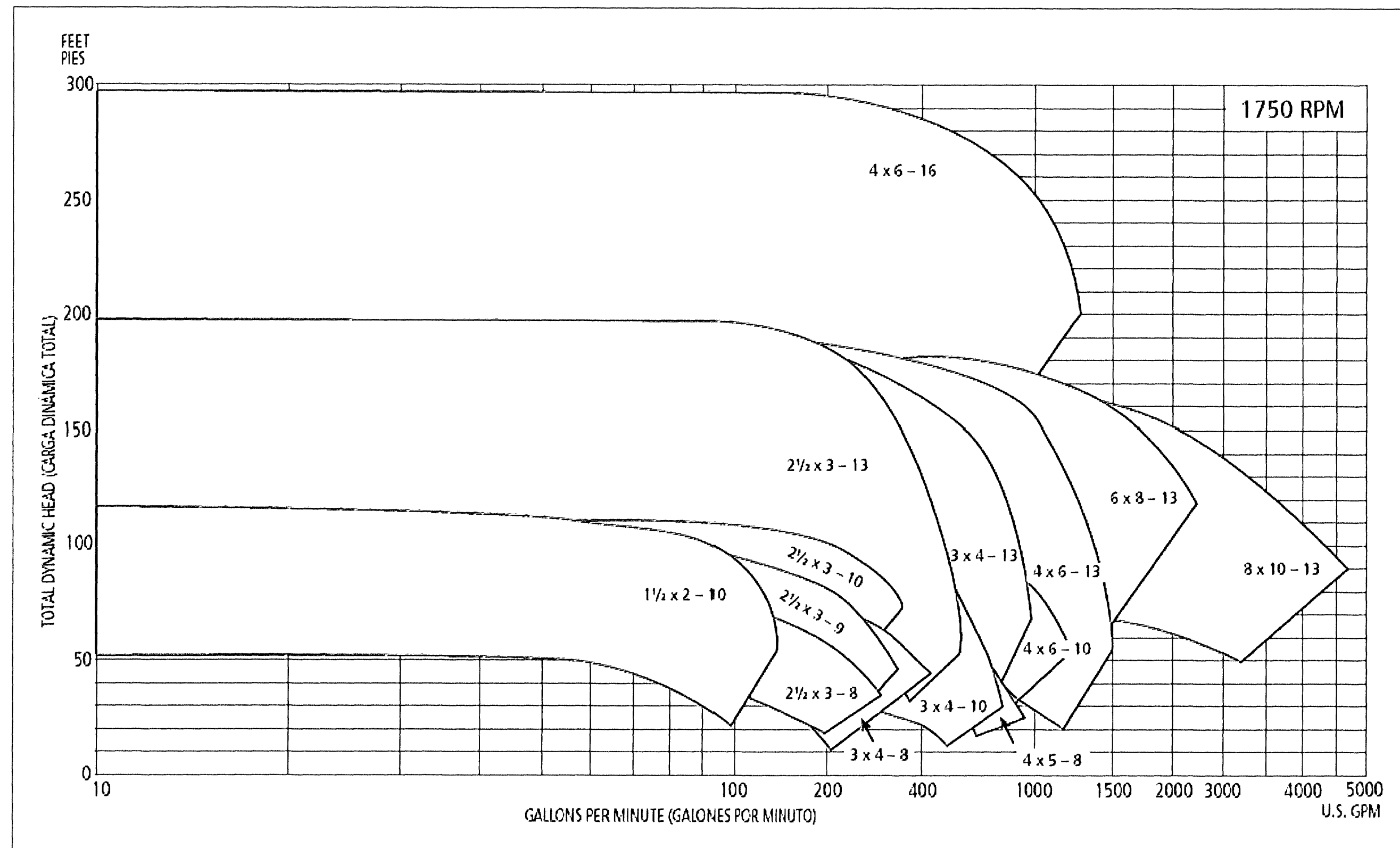


FILTER #1 (104 Sq. Ft.)

GOULDS PUMP 3656, MODEL 18BF

1,408.92 GPM @ 56.4 Feet TDH
 6x8-13 with 11.375" impeller trim
 Cast iron bronze fitted close coupled horizontal end suction centrifugal pump
 Single mechanical seal, Carbon / Ceramic / SS / Buna
 30 HP, 1450 RPM, ODP, 324JP frame, 3 Phase / 50 Hz / 180 Amp / 380 Volt motor also rated...
 40 HP, 1750 RPM, ODP, 324JP frame, 3 Phase / 60 Hz / 208-230 Amp / 460 Volt



FILTER #1
 PUMP DETAILS

TYPICAL MOTOR PERFORMANCE DATA								
HP	KW	SYNG. RPM	P.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN	
40&30	29,8&22,4	1000	1750&1450	324JP	OP	F	0	
PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.P.	
3	60/50	230/400&190/300	105/53&95/48	ACROSS THE LINE	CONTINUOUS	F3	1,19/1,0	
FULL LOAD EFF:		89,5&89,5	3/4 LOAD EFF:	89,5	1/2 LOAD EFF:	88,5	STD. EFF	ELEG. TYPE
FULL LOAD PF:		78,8&78,5	3/4 LOAD PF:	74	1/2 LOAD PF:	63,5	87,5	SQ CAGE IND RUN
P.L. TORQUE		LOCKED ROTOR AMPS		L.R. TORQUE		O.D. TORQUE		P.L. RISE
119 LB-FT		490 / 245		168 LB-FT 141 %		275 LB-FT 231 %		55
SOUND PRESSURE @ 3 FT.		SOUND POWER		ROTOR WK^2		MAX. WK^2		SAFE STALL TIME
75 dBA		85 dBA		3,5 LB-FT^2		200 LB-FT^2		15 SEC.
STARTS / HOUR		APPROX. MOTOR WGT						
2		400 LBS.						
*** SUPPLEMENTAL INFORMATION ***								
DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SHVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	RODENT	STANDARD
BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL	
DB	ODE							
BALL	BALL	STANDARD	JP	NONE	NONE	STANDARD	CAST IRON	
312	311							
THERMO-PROTECTORS				HERMISTORS	CONTROL	SPACE HEATERS		
HERMOSTATS	PROTECTORS	WDG RTD's	DRG RTD's					
NONE	NONE	NONE	NONE	NONE	FALSE	NONE VOLTS		

Sundmidstod

Iceland

Samþykkt 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
 FILE: Vacuum Sand Filters.dwg
 LAYOUT: VSF #1 Pumps
 DRAWN BY: SAL
 CHECKED BY: MTW
 PROJECT NO.: SHEET NO.:
 8.1d

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