



CORNELL PUMP COMPANY

HYDRAULIC SUBS

STANDARD SPECIFICATIONS

- Models Available - 4NNT, 6NNT, 8NNT, etc.
- Discharge Sizes Available - 4 to 8 inch
- Standard Construction - Cast Iron, Class 30
- Optional Construction - 316SS, CD4MCU, Ductile Iron
- Permco hydraulic drive

FEATURES BENEFITS

- Various adaptor plates available for hydraulic motor fit
- Heavy duty shaft / bearing frame assembly
- Heavy duty "wet end" construction
- Manufactured in the United States

PERFORMANCE CHARACTERISTICS

- Premium Hydraulic Efficiencies, 76 to 80% BEP
- 3 inch or larger solid handling capability
- Total Dynamic Head: 50 to 360 feet
- Capacity: 200 to 7000 GPM

TYPICAL MARKETS

- General Agriculture, Industrial and Municipal Applications
- Rental Applications
- Mining Applications
- Flood Control Applications
- Construction / Dewatering Applications

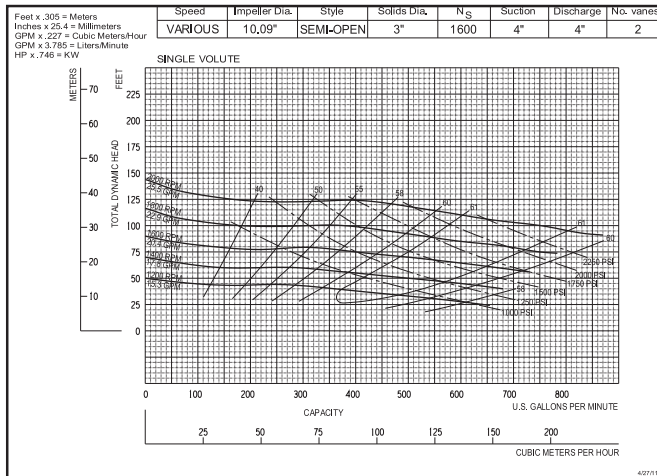


EFFICIENT BY DESIGN

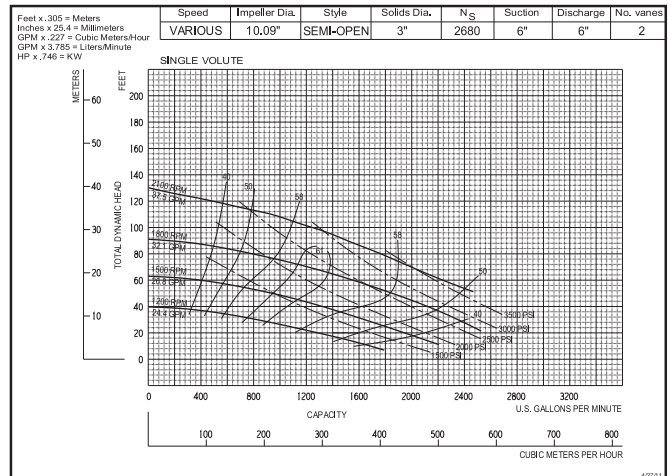


HYDRAULIC SUBMERSIBLES

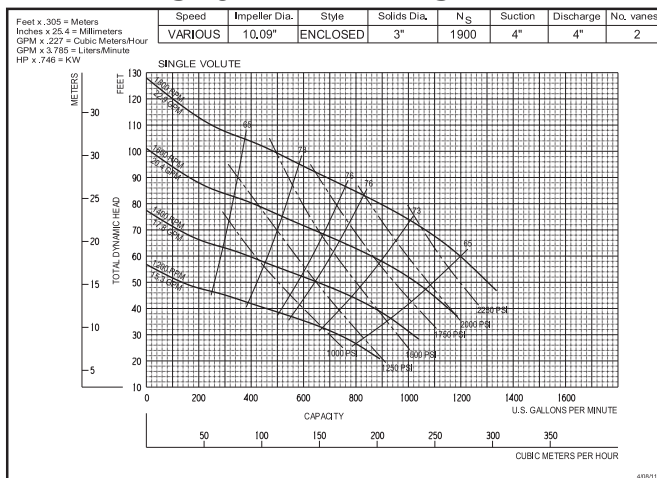
4NNDH - HS16 VARIABLE SPEED



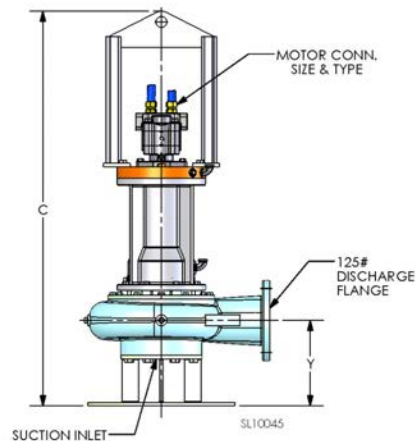
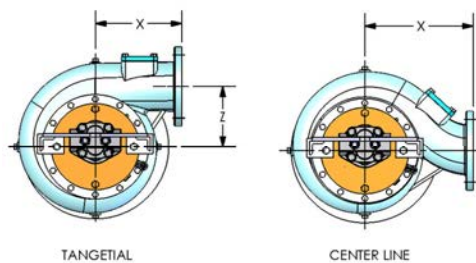
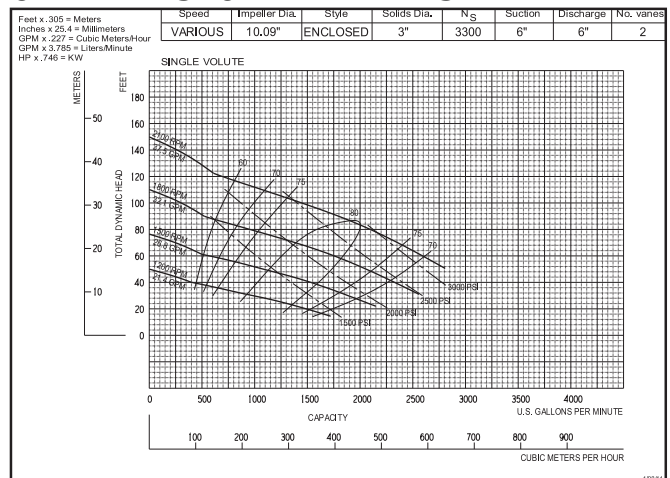
6NNDH - HS16 VARIABLE SPEED



4NNT - HS16 VARIABLE SPEED



6NNT - HS16 VARIABLE SPEED



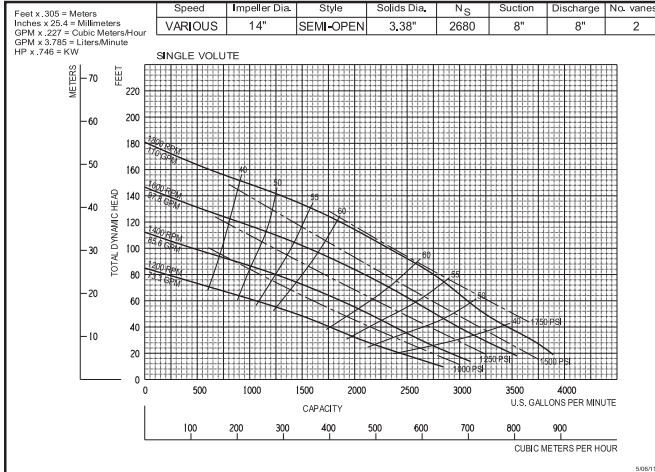
NOTES:

1. Do not use for construction unless certified.

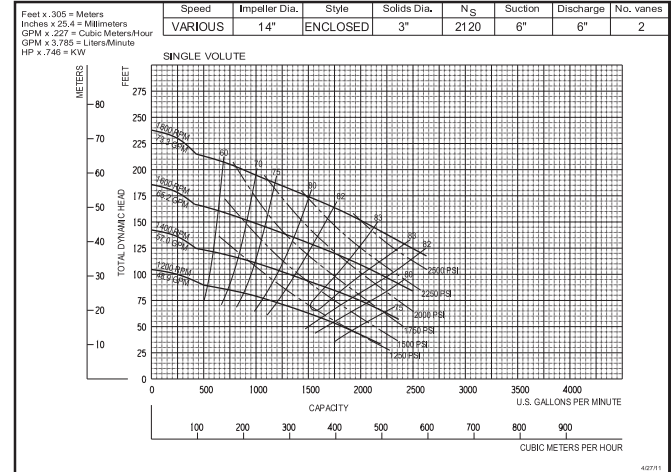
PUMP DIMENSIONS										
MODEL	FRAME	CONNECTION		C	X	Y	Z	MOTOR	MOTOR CONN. SIZE & TYPE	WT (LB)
		DISCH.	SUCT.							
3419MX	HS18DB	3	4	57.56	13	12.88	10.25	M7600-30	1.5" SPLIT FLANGE CODE 61	1070
4NNT	HS16	4	4	50.5	12.56	9.25	-	M197-12	1" SAE - O-RING	520
4NNDH	HS16	4	4	50.5	12.56	9.25	-	M197-12	1" SAE - O-RING	520
4414T	HS18DB	4	4	54.81	14.5	9.75	-	M7600-20	1.25" SPLIT FLANGE CODE 61	820
6NNT	HS16	6	6	54.5	14.75	11.75	-	M197-17	1" SAE - O-RING	600
6NNDH	HS16	6	6	54.5	14.75	11.75	-	M197-17	1" SAE - O-RING	600
6NHTA	HS18DB	6	6	57.5	18.56	12	-	M7600-20	1.25" SPLIT FLANGE CODE 61	900
8NNT	HS18DB	8	8	59.25	18.5	13.88	-	M7600-20-20	1.5" SPLIT FLANGE CODE 61	1090
8NNDH	HS18DB	8	8	59.25	18.5	13.88	-	M7600-30	1.5" SPLIT FLANGE CODE 61	1090
12NNT	HS18DB	12	10	65.56	21	19.81	-	M7600-20-20	1.5" SPLIT FLANGE CODE 61	1570

HYDRAULIC SUBMERSIBLES

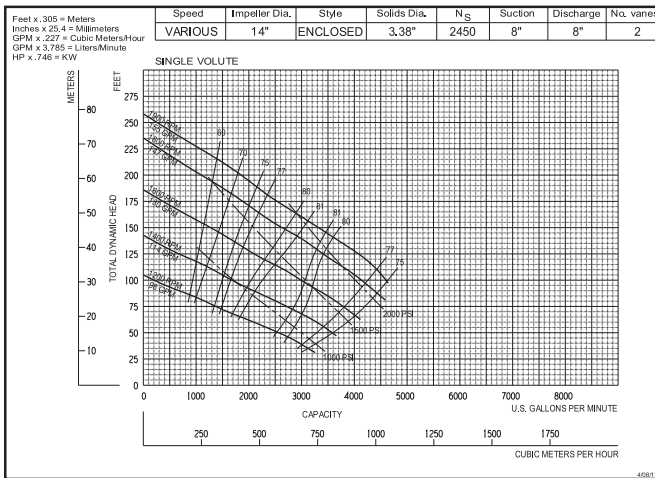
8NNDH - HS18DB VARIABLE SPEED



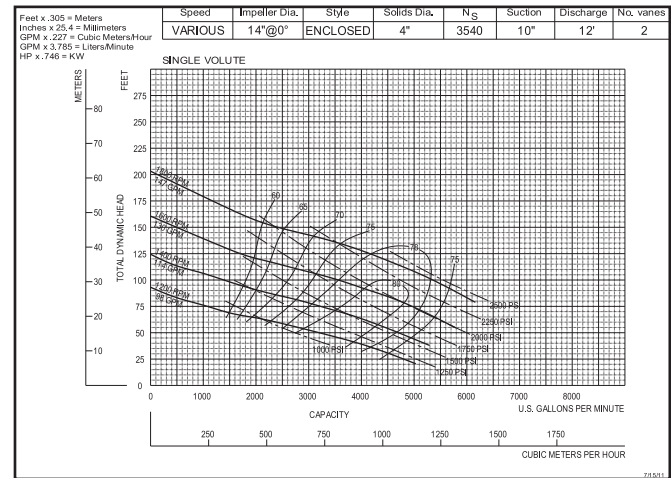
6NHTA - HS18DB VARIABLE SPEED



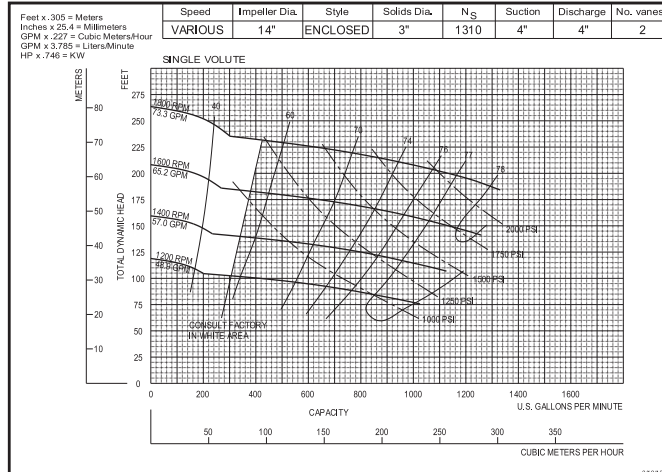
8NNT - HS18DB VARIABLE SPEED



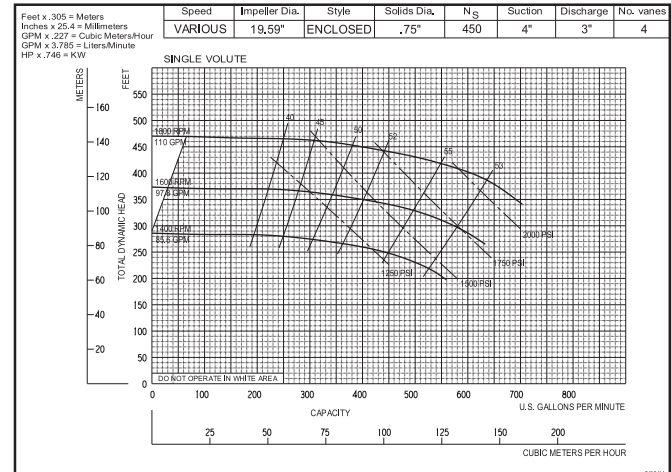
12NNT - HS18DB VARIABLE SPEED



4414T - HS18DB VARIABLE SPEED



3419MX - HS18DB VARIABLE SPEED



CORNELL'S HYDRAULIC SUBMERSIBLE PUMPS EXCLUSIVELY FEATURE: PERMCO MOTORS

FEATURES:

- Heavy duty sleeve bushing design in a medium / small frame
- Working pressure up to 4000 PSI
- Speeds up to 2400 RPM

- Flows up to 150 GPM
- Doweled and high strength cast iron construction
- 100% factory tested
- High strength alloy steel gear and shaft sets
- Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges





MARKET AND PRODUCT LINE



AGRICULTURAL



FOOD PROCESS



INDUSTRIAL



MINE DEWATERING



MUNICIPAL



REFRIGERATION



OIL & GAS



CYCLOSEAL®



CHOPPER



CUTTER



EDGE™



HYDRAULIC SUBS



HYDRO TURBINE



IMMERSIBLE



MANURE



MP SERIES



MX SERIES



MX MINING



REDI-PRIME®



SELF PRIMING



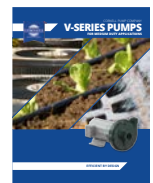
SLURRY



SUBMERSIBLE



WATER TRANSFER



V SERIES

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