

IMPELLER MAG-DRIVE UNDERGROUND PUMP

(MODEL NUMBER): AMEX-72D SERIES 2



OPERATING LEVELS

MIN FLOW	200 GPM	45.4 m ³ /h
MAX FLOW	1300 GPM	295 m ³ /h
DISCHARGE SIZE	4"	102 mm
SUCTION SIZE	4"	102 mm
SOLIDS HANDLING	3"	76.2mm mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	252'	76.8 m
BEP HEAD	175'	53 m
BEP FLOW	1300 GPM	295 m ³ /h
BEP PERCENT	78%	78%

STANDARD SPECIFICATIONS

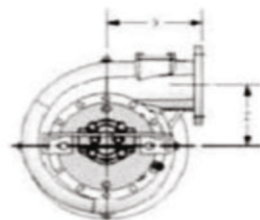
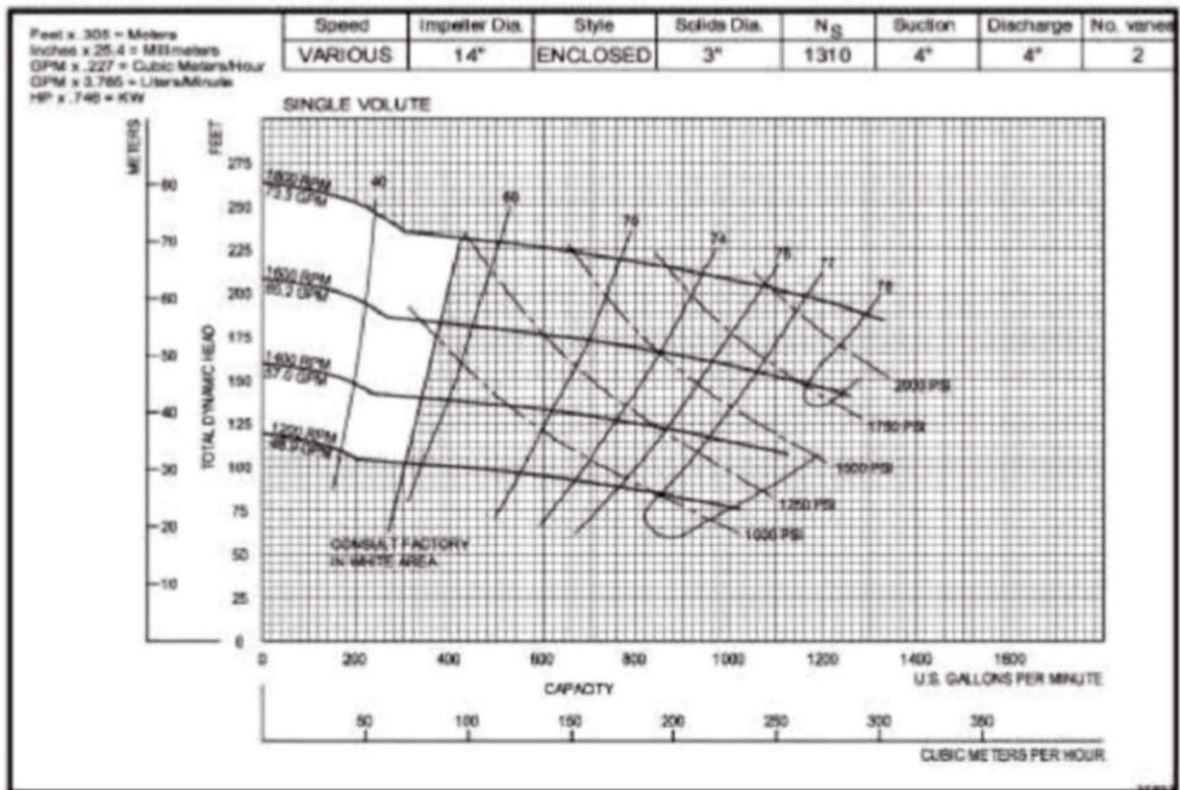
- Model - AMEX-72D Series
- Discharge Sizes - 4 inch
- Standard Construction - Cast Iron, Class 30
- Optional Construction - 416SS, CD4MCU, Ductile Iron
- Permco hydraulic drive

PERFORMANCE CHARACTERISTICS

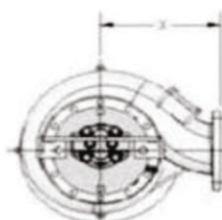
- Premium Hydraulic Efficiencies, 78% BEP
- 3 inch or larger solid handling capability
- Total Dynamic Head: 25 to 275 feet
- Capacity: 800 to 1800 GPM

PARTS	STANDARD MATERIAL (ALL IRON)	CD4MCU
WEAR RING	CAST IRON	CD4MCU
IMPELLER	CAST IRON	CD4MCU
VOLUTE	DUCTILE IRON	CD4MCU
SHAFT	STRESSPROOF STEEL	17-4PH
SHAFT SLEEVE	416 STAINLESS STEEL	CD4MCU
BACKPLATE	CAST IRON	CD4MCU
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON	CAST IRON

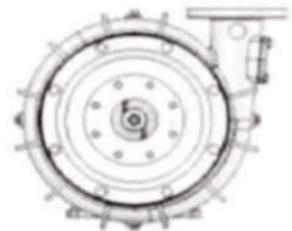
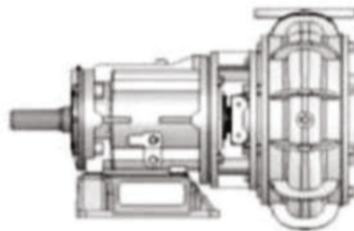
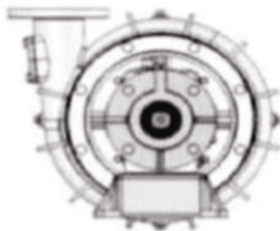
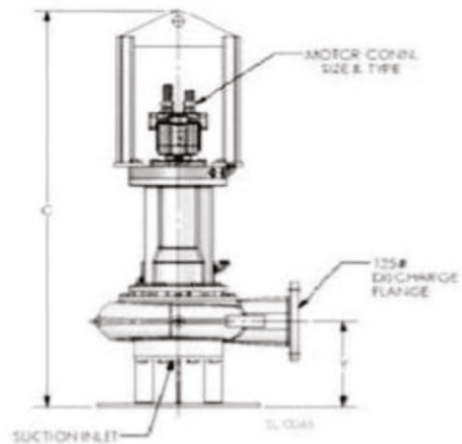
4414T - HS18DB VARIABLE SPEED



TANGENTIAL



CENTER LINE



PUMP DIMENSIONS										
MODEL	FRAME	CONNECTION		C	X	Y	Z	MOTOR	MOTOR CONN. SIZE & TYPE	WT (LB)
		DISCH.	SUCT.							
AMEX-72D	HS 18DB	4	4	54.81	14.5	9.75	-	M7600-20	1.25" SPLIT FLANGE CODE 61	820