

HY-FLO Series

Engine Driven End Suction Centrifugal Pumps- Cast Iron Construction



U.S. Fluid Tech Corp.

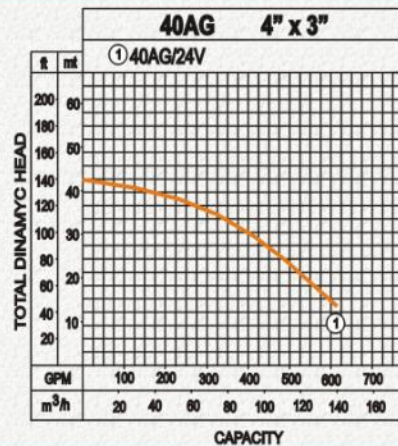
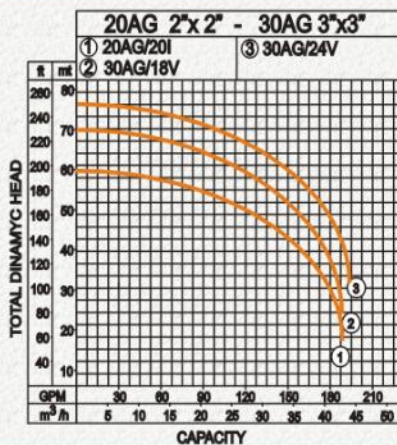
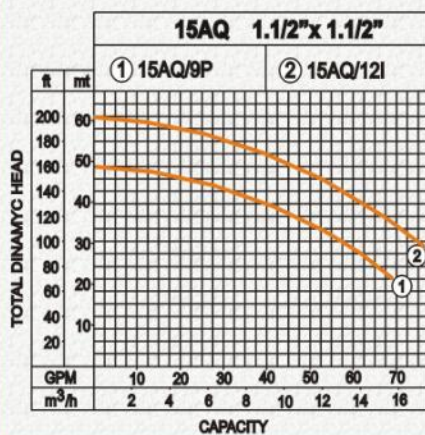
- ✓ Durable ASTM A-48 Cl.30 cast iron construction.
- ✓ Carbon-Ceramic and Buna-N mechanical seal for long life.
- ✓ Very simple to maintain.
- ✓ Briggs & Stratton engine shuts off automatically when oil level is low.
- ✓ Quick start engine.
- ✓ NPT threaded suction and discharge connections.

1.1/2", 2" and 3", Centrifugal End Suction, Gas Engine

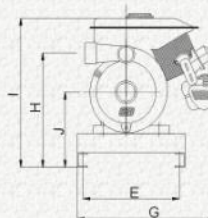
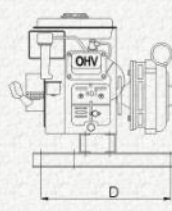
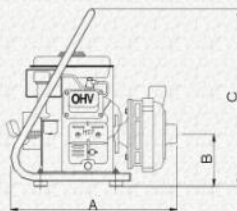
Centrifugal End Suction Pumps , Gas Engine

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PERFORMANCE CURVES



DIMENSIONS



MODEL	DIAM - NPT Suc X Dis	DIMENSIONS				WEIGHT lbs.	MOTOR-Hp
		A	B	C	D		
15AQ/9P	1.1/2" x 1.1/2"	450	140	505	450	66	3.5
15AQ/12I	1.1/2" x 1.1/2"	450	140	505	450	70	6.5

MODEL	DIAM-NPT Suc X Dis	DIMENSIONS					WEIGHT lbs	MOTOR
		D	E	G	H	I		
20AG/20I	2" x 2"	380	285	420	330	480	114	8.0
30AG/18V	3" x 3"	380	290	420	350	525	125	9.0
30AG/24V	3" x 3"	380	290	420	350	525	145	13.0
40AG/24V	4" x 3"	380	345	450	360	595	145	13.0

SPECIFICATION

MODEL	15AQ/9P	15AQ/12I	20AG/20I	30AG/18V	30AG/24V	40AG/24V
Suction x Discharge	1.1/2"x1.1/2"NPT	1.1/2"x1.1/2"NPT	2"x2" NPT	3"x3" NPT	3"x3" NPT	4"x3" NPT
Total head Max. (ft)	160	195	195	217	250	140
Capacity Max. (gpm)	70	77	185	185	200	600
Impeller Type	CLOSE					
Shaf sleeve	Steel					
Mechanical Seal	3/4 Type 6	3/4 Type 6	1.1/4 type21	1.1/4 type21	1.1/4 type21	1.1/4 type21
Standard (mechanical Seal)	Carbon, Ceramic, Buna-N					
Spheres Max.	1/8	1/8	1/4	1/4	1/4	3/4
Model	9 Plus	12 Intek	20 Intek	18 Vang.	24 Vang.	24 Vang.
Displacement	9.02 cu.in	12.6 cu in	18.6 cu. In	18.06 cu.in	23.86 cu.in	23.86 cu.in
Output Max.	3.5 @3600rpm	6.5 @3600rpm	8.0@3600rpm	9.0 @3600rpm	13 @3600rpm	13 @3600rpm
Type	Briggs & Stratton Air Cooled, 4 Stroke, Gasoline Engine					
Fuel	Automobile Gasoline					
Fuel Tank Capacity	4.0qt/3.8L	3.0qt/2.84 L	4.0qt/3.78 L	8.3qt/7.9L	8.3qt/7.9L	8.3qt/7.9L
Ignition System	Magnetron-Electronic					
Starting Sitem	Recoil Starter					
Dimensions (LxWxH)	19"x19"x21"		26.4"x18"x20"	26.4"x18"x23.2"	26.3"x22"x25"	
Weight net	66lbs	70lbs	114lbs	125lbs	145lbs	145lbs
Weight Gross	70lbs	74lbs	121lbs	132lbs	152lbs	152lbs