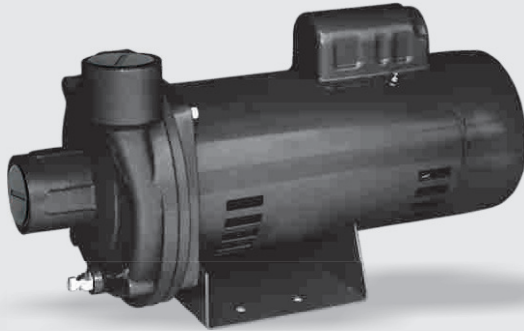
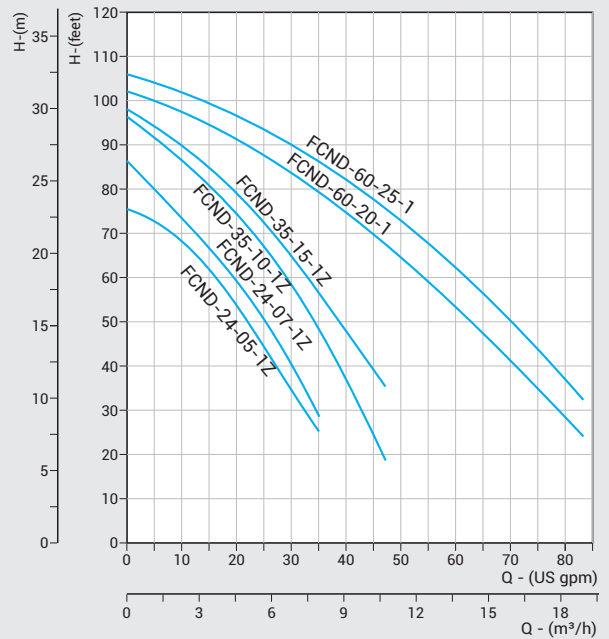


CENTRIFUGAL PUMPS (FCND SERIES)



PERFORMANCE CURVES



PERFORMANCE TABLE

PUMP MODEL	MOTOR POWER		NOMINAL PUMP SIZE (Suc x Del)	m³/h	Flow Rate (Q)							
	HP	kW			0	2,72	5,45	8,17	10,90	13,63	16,35	19,08
				US-gpm	0	12	24	36	48	60	72	84
FCND-24-05-1Z	0,5	0,37	1¼" x 1"	Total Head in feet	75	67	48	25				
FCND-24-07-1Z	0,75	0,55	1¼" x 1"		86	71	52	28				
FCND-35-10-1Z	1,0	0,75	1¼" x 1"		96	85	68	47	19			
FCND-35-15-1Z	1,5	1,1	1¼" x 1"		98	88	73	57	35			
FCND-60-20-1	2,0	1,5	1½" x 1¼"		101	97	88	78	66	54	40	24
FCND-60-25-1	2,5	1,85	2" x 1½"		126	101	97	84	75	66	54	31

In view of continuous developments the information / performance / descriptions / specifications / Illustrations are subject to change without notice.

SPECIFICATIONS

Power Range	: 0,5 HP - 2,5 HP, 2 Pole
Speed	: 3450 rpm
Versions	: 1Ph, 110/220V, 60Hz (Upto 1,5HP) 1Ph, 220V, 60Hz (2HP & above) (Permanent Split Capacitor-PSC) Incorporated with thermal overload protector 3Ph, 220/380/460V, 60Hz
Direction of Rotation	: Clock wise viewed from driving end
Type of Duty	: S1 (Continuous)
Degree of Protection	: IP 22
Class of insulation	: "B"
Suction & Delivery Sizes	: 1¼" x 1", 1½" x 1¼", 2" x 1½" BSP / NPT

APPLICATIONS

- Residential
- Irrigation
- Garden
- Small Industries.

MATERIALS OF CONSTRUCTION

Pump Casing	: Cast Iron
Motor Frame	: Mild steel
Impeller	: Plastic
Shaft	: S.S 304 + Carbon Steel #45
Mechanical Seal	: Carbon / Ceramic

PUMP OPERATING LIMITS

Maximum Head	: 106 ft / 32 m
Maximum Suction lift	: 23 ft / 7 m
Maximum liquid Temperature	: 140°F / 60°C
Maximum Ambient Temperature	: 104°F / 40°C

FEATURES

- High Operating efficiency resulting in lower power consumption
- Good suction lift characteristics
- Dynamically balanced rotating parts
- Balanced and rigid construction
- Inbuilt thermal overload protector in all single phase pumps.