CSPET60 - 30

STAINLESS STEEL END-SUCTION
CENTRIFUGAL PUMPS

CSPET is an end-suction centrifugal pump. This water pump was designed taking into consideration the features needed to guarantee complete customer satisfaction, including:

- **Close coupled design.** Saves space; simplifies maintenance and installation.
- **Stainless steel liquid end components.** High quality; corrosion resistance.
- **Versatile mounting.** It can be installed horizontally or vertically.
- **Back pullout construction.** It allows for assembly and overhaul of the impeller and seal without distorting suction and discharge connections.
- **Top centerline discharge and foot support under casing**. It ensures self-venting and reduces misalignment from pipe loads.
- **High-efficiency.** It lowers operating costs.
- **High quality mechanical shaft seals and o-rings.** Available for standard pumping requirements, or optional high temperature and chemical duty operation.
- Available as a complete pump or as a kit.

Applications

- Pressure Boosting
- Plant Services
- Irrigation
- Water Supply Systems
- Liquid Transfer
- Reverse osmosis
- Ultrapure Water Systems
- Water Reclamation and Treatment
- Air Conditioning Systems

Operating Conditions

- Suction Size: 1 1/4" NPT Thread
- Discharge Size: 1" NPT Thread
- Power Range: 1.5 - 3 hp
- Capacity: 30 - 90 gpm
- Head: 53 - 105 feet
- Liquid: Clean Water



Pump Construction

- Threaded ports NPT
- Two-stage pump with NEMA configuration
- 304L Stainless Steel Casing
- 304L Stainless Steel Impeller (closed type)
- Stainless Steel Shaft
- Aluminum Bracket
- Type 21 Mechanical Seal
- Ball Bearing

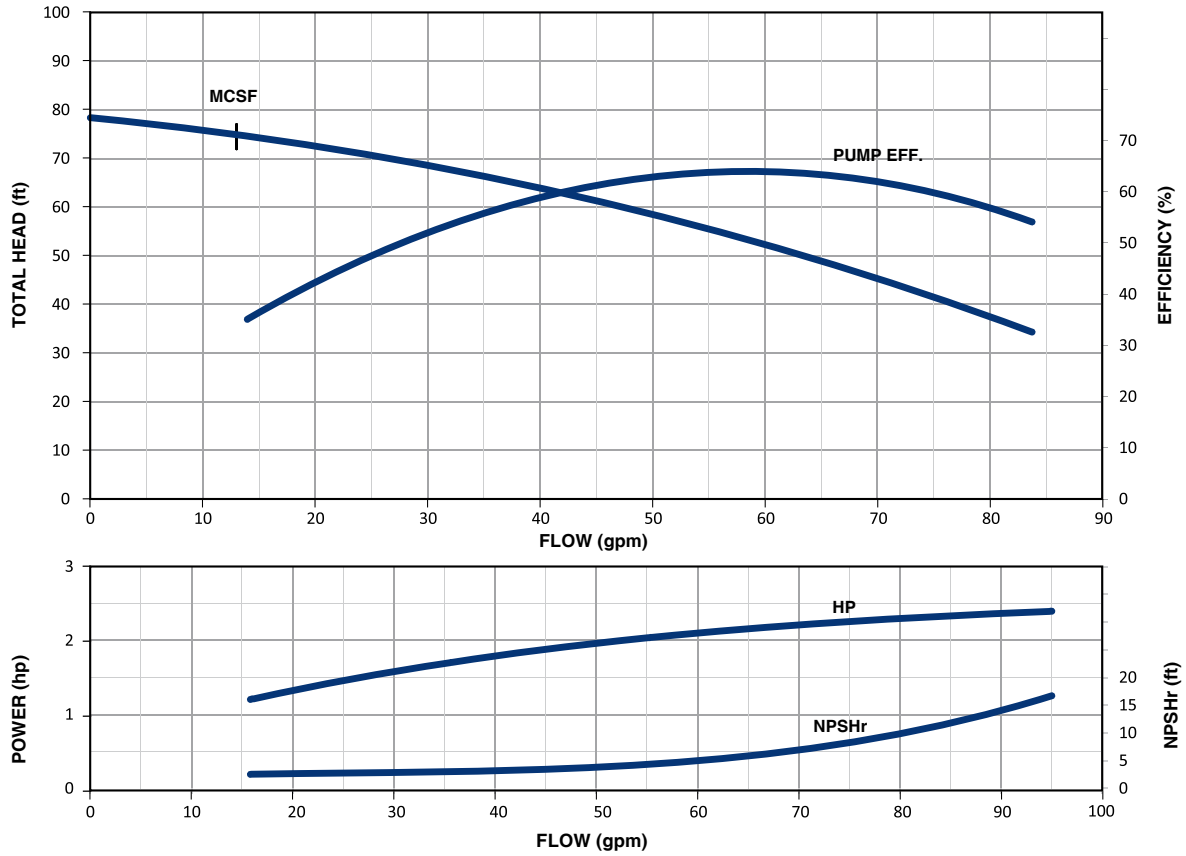
Motor

- 1.5 - 3 HP
- 56J frame
- Available in ODP or TEFC construction
- Sturdy steel frame
- Cast aluminum end plates with steel bearing seat inserts for mechanical reliability
- Automatic thermal overload protection
- Corrosion resistant stainless steel shaft extension
- Slotted opposite DE shaft for easy installation
- Optimized airflow design providing higher horsepower in a smaller package

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Performance curves



CSPET60 30 - Threaded Ports - TEFC Motor

MODEL	HP	MOTOR	VOLT	PHASE	MAX. AMP	SUCT.	DISCH.	WEIGHT
CSPET60 30H36BTS	3	MVB 30H36T-056JS	230/460	3	7.2 / 3.6	1 1/2"	1"	59 lbs

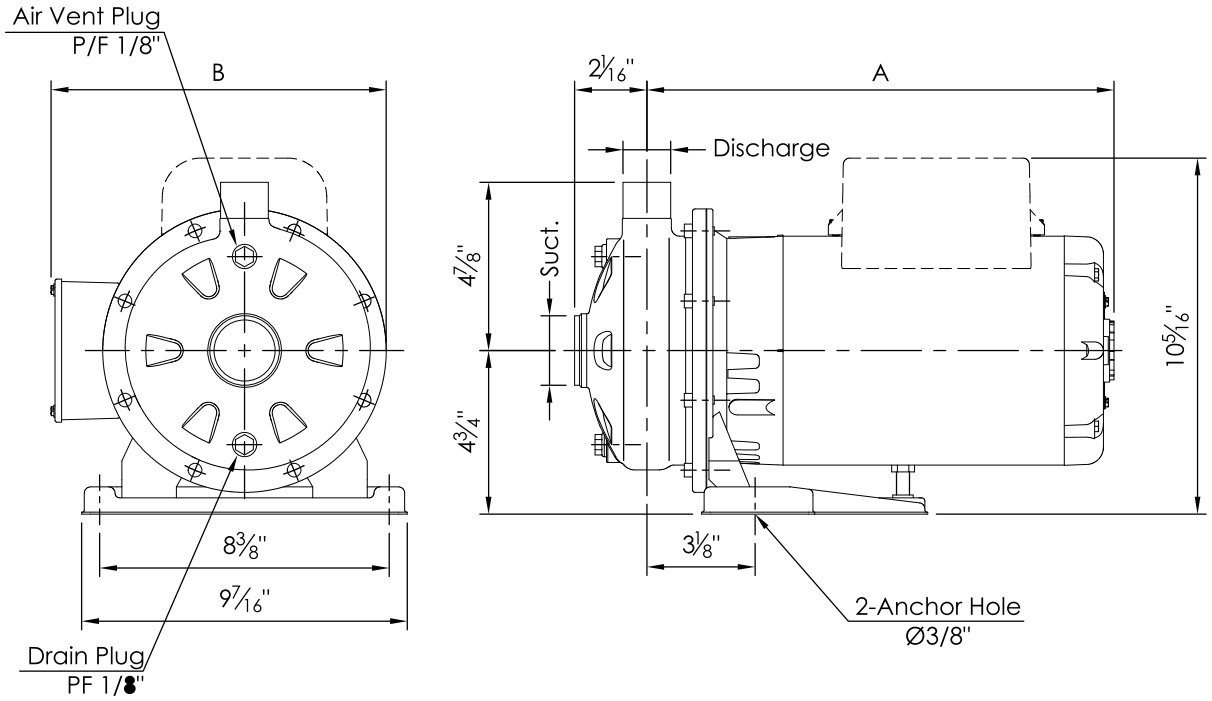
CPET60 30 - Threaded Ports - ODP Motor

MODEL	HP	MOTOR	VOLT	PHASE	MAX. AMP	SUCT.	DISCH.	WEIGHT
CSPET60 30C16BOS	3	MVB 30C16O-056JS	230	1	13,0	1 1/2"	1"	58 lbs
CSPET60 30H36BOS	3	MVB 30H36O-056JS	230/460	3	8.0 / 4.0	1 1/2"	1"	50 lbs

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Dimensions



MODEL	PUMP SIZE - NPT [in]		DIMENSION [in]		WEIGHT [lbs]			
	SUCTION	DISCHARGE	A	B	SINGLE PHASE		THREE PHASE	
					ODP	TEFC	ODP	TEFC
CSPET60 30	1¼	1	17 3/8	9 1/8	58	65	50	59