

AMX Series Specification

Whether you are pumping Sulfuric acid from a storage tank to railcar or recirculating salt water at an aquarium, the AMX series pumps will provide you with the ideal pump for many applications. There are two patented features in the AMX series pumps; these features include a Bearing system with an additional cooling path and an inlet buffer that will both provide assistance during upset operating conditions. The AMX series comes with tangential ported casings, consisting of standard 150#, raised face, ANSI/DIN combination flanges that can be rotated after installation to meet existing piping. The robust, close coupled and seal less design of the AMX series pumps will provide the operator with confidence during difficult pumping installations.

Sizes

- The AMX series are designed in 6 different close coupled sizes, with various configurations from ½ HP to 5 HP and Inlet/Outlet options consisting of 1 ½" x 1 ½", 2" x 2 ½" or 2 ½" x 2".
- The AMX series can products flows up to 215 GPM or TDH of 128 Feet.

Materials of Construction

- The casing, flanges, inner magnet, rear casing and impeller consist of Glass-Filled Polypropylene or Conductive Carbon Reinforced Ethylene Tetrafluoroethylene (ETFE).
- Bearings, Thrust rings and wear rings consist of Carbon, Rulon (Filled PTFE), 995 Ceramic or Sintered Silicone-Carbide.
- The Casing O-ring and the two flange O-rings consist of either Viton (FKM) or EPDM, with other O-ring options available depending on chemical compatibility.
- The motor brackets are ductile iron and coated with epoxy paint, while using a Stainless Steel baseplate and Stainless Steel hardware.

Motor

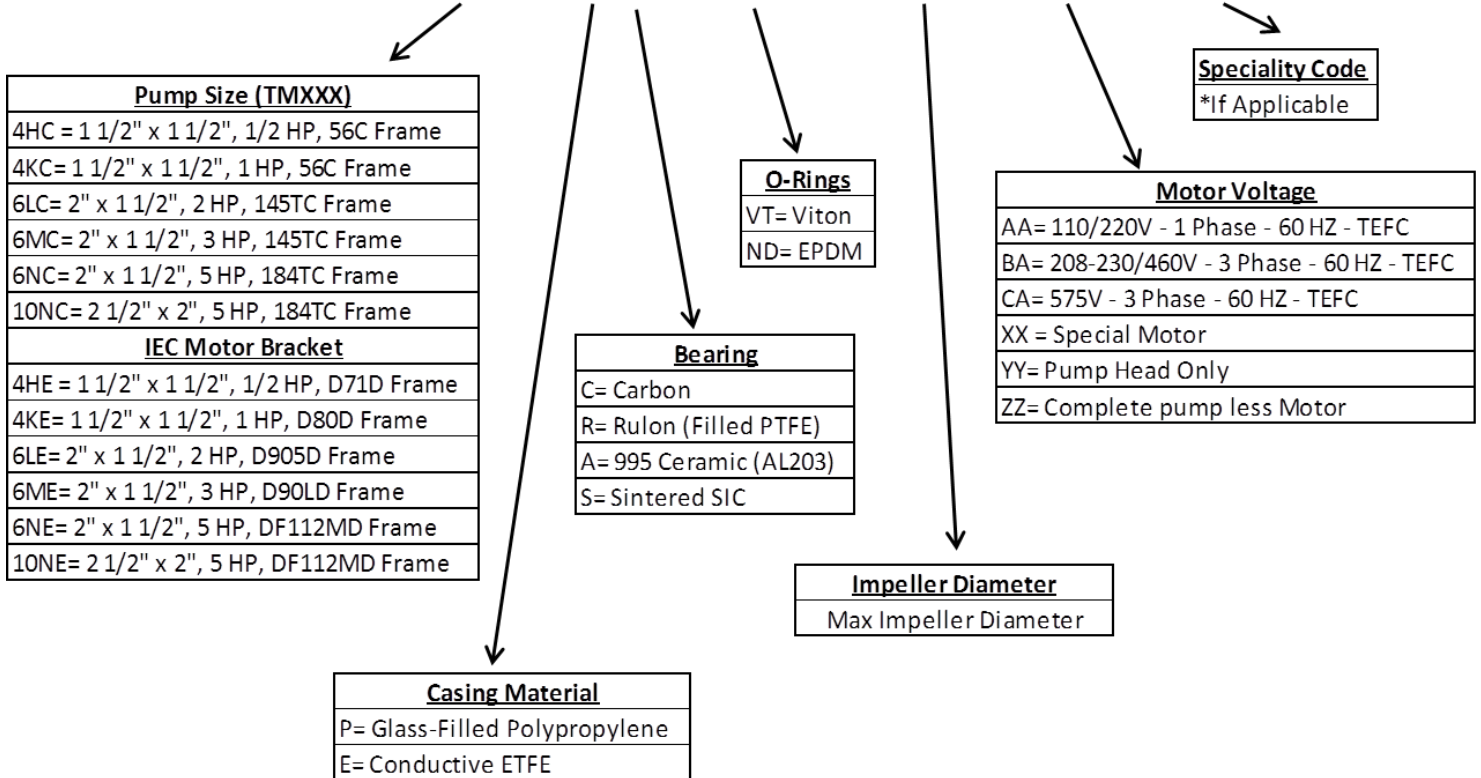
- AMX series pumps can be powered using NEMA C-Face or IEC framed motors.
- Motors can be provided in TEFC, Explosion Proof, 50 or 60 Hertz, Single or Three Phase, any voltage or RPM option available.

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Standard Sizes and Material of Construction

Example- **TM6LC/ES/VT/123/CA**
6LC= 2" x 1/2", 2 HP, 145TC Frame, **E**=ETFE, **S**=SIC, **VT**=Viton
CA=575V-3 Phase-60HZ-TEFC motor

TMXXX / XX / XX / XXX / XX / XXX



Bearing/Bushings Detail					
	Bearing	Shaft	Wear Ring	Front Thrust Ring	Rear Thrust Ring
C= Carbon	Carbon	Ceramic	Carbon	Ceramic	Ceramic
R= Rulon	Rulon	Ceramic	Rulon	Ceramic	Ceramic
A= 995 Al Ceramic	Ceramic	Ceramic	Rulon	Ceramic	Ceramic
S= Sintered SIC	SIC	SIC	SIC	SIC	SIC

