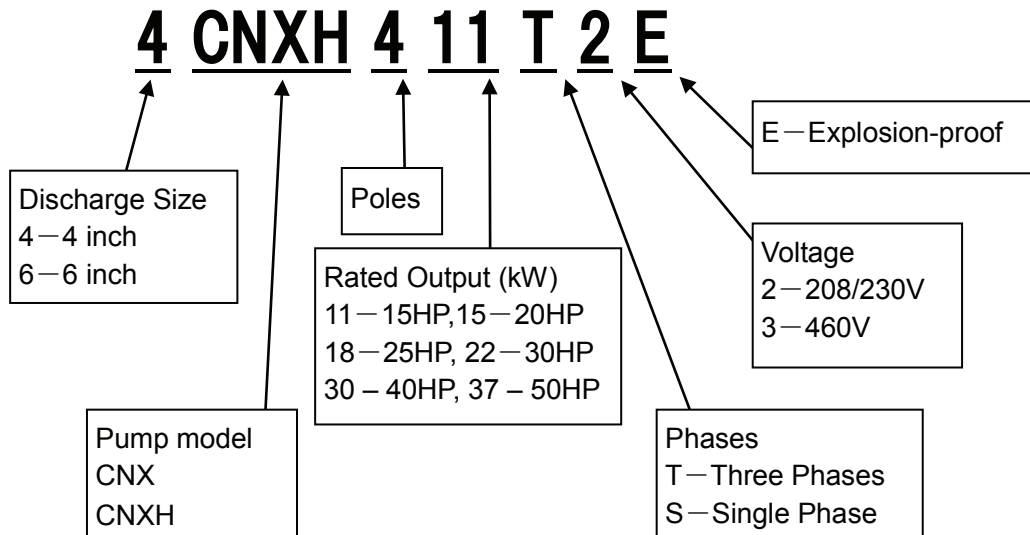
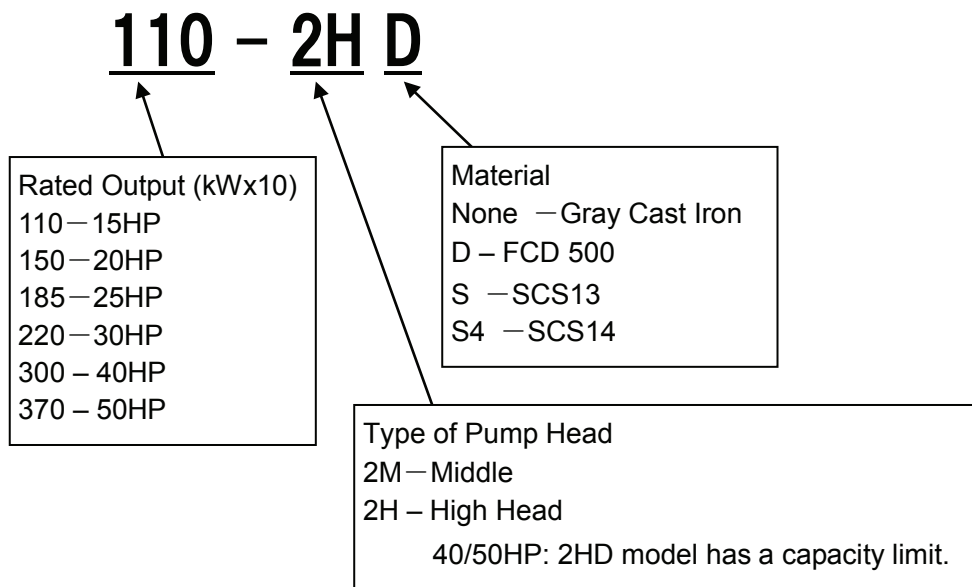


MODEL DESIGNATION

◆Motor model



◆Impeller No.



SPECIFICATIONS

Model : 6CNX

	STANDARD	OPTIONAL
Discharge Size	6 inch	
Solid Size	3 inch	
Range of HP	15, 20, 25, 30 HP	
Range of Performance	Capacity 150 to 1750(Usqpm) Total Head 20 to 114(ft)	
Limitation		
Type of Liquid Handled	Sewage, Waste water	
Minimum Water Temperature	32 °F (0°C)	
Maximum Water Temperature	104 °F (40°C)	
Motor	Insulation Class F, Three Phase	
Voltage / Hz	208/230V, 460V / 60Hz	
Synchronous Speed	1800 RPM	
Impeller Type	ShinMaywa Double Vane Enclosed Impeller	
Material		
Pump Housing	Cast Iron (ASTM A48 Class 35)	
Impeller	15/20HP: Cast Iron (ASTM A48 Class 35) 25/30HP: Ductile Cast Iron (ISO 500-7S)	Stainless
Shaft	420J2 Stainless Steel	
Motor Frame	Cast Iron (ASTM A48 Class 35)	
Fastener	304 Stainless Steel	
Mechanical Seal Materials	Double Mechanical seal—Tandem Arrangement	
Upper Side	Silicon Carbide / Silicon Carbide	
Lower Side	Silicon Carbide / Silicon Carbide	
Bearing		
Upper Side	Single Deep Groove Ball Bearing (Creep Prevention Type)	
Lower Side	Duplex angular contact ball bearing	
Motor Protection	Built-in Micro Thermal Protector Dual-Electrode Leakage Detector	
Accessory	Submersible Cable Type SOOW 50ft(15m)	Longer Cable

SPECIFICATIONS

• OPERATING CONDITION

Temperature	32-104 °F (0-40°C)
pH	6 - 9
Electric Conductivity	100mS/m or less
DO (Dissolved Oxygen)	1 – 4 mg O ₂ /ℓ
Chlorine Iron	1,000 mg/ℓ or less
SS	3,000 mg/ℓ or less
BOD, COD	1,000 mg/ℓ or less
Viscosity	5cP or less
Liquid Specific Gravity	1.05 or less
Sludge Concentration	1% or less