



PUMP SE-	K4CHP		4" SUBMERSIBLE CHOPPER PUMPS
Speed	1750 RPM	Discharge	4"

GPM: _____ TDH: _____

PHYSICAL DATA	
Discharge Size	ANSI 4" Horizontal
Impeller Type	Semi Open
Power/Control Cable Length	40' Standard
Paint	Blue, Powder Coated - Inside Volute - Ceramic Coated For Abrasion Resistance
MOTOR CONSTRUCTION	
Motor Type	Enclosed Submersible Oil Filled
NEMA Insulation Code	Class N
Service Factor	1.2
NEMA Design Type	B (3 ϕ)
Motor Protection	Thermal Sensors Embedded in the Windings
Maximum Stator Temperature	Class N: 392° F (200° C)
Power Cord Type	SOOW-600V, 90° C, TYPE W - 2000V, 90 C
Control Cord Type	SOOW - 600V, 90° C
MATERIALS OF CONSTRUCTION	
Cord Entry	Cast Iron, ASTM A48, Class 35
Motor Housing	Cast Iron, ASTM A48, Class 35
Bearing Housing	Cast Iron, ASTM A48, Class 35
Volute	Cast Iron, ASTM A48, Class 35 / Ceramic Coated Inside
Impeller	Cast Steel, AISI 8630 / Ceramic Coated
Wear Ring	Bronze, CDA 836
Shaft	ANSI 400 Stainless Steel
Inboard Mechanical Seal	Silicone Carbide / Silicone Carbide / Viton Elastomers
Outboard Mechanical Seal	Silicone Carbide / Silicone Carbide / Viton Elastomers
Fasteners	ANSO 18-8 Stainless Steel
O-Rings	fluorocarbon Rubber
Upper Bearing	Conrad Style Single Row Deep Groove Ball Bearing
Lower Bearing	Conrad Style Double Row Angular Contact Ball Bearing
Labryinth Seal	Bronze, CDA 836
Chopper Impeller	440C SST, Heat Treated
Cutter Bar	Tool Steel, Heat Treted



THERMAL DATA

Maximum Liquid	140° F (60° C)		
Maximum Stator	311° F (155° C)		
Heat Sensor	Open:	257° F (125° C) Max. / 239° F (115° C) Min.	
	Closed:	194° F (90° C) Max. / 119° F (48° C) Min.	
Oil Flash Point	390° F (199° C)		

ELECTRICAL DATA

RPM	1750			
Electrical Ratings	Heat Sensor	24VDC, 5AMPS	115VAC, 5AMPS	230VAC, 5AMPS
	Seal Fail	300VAC 5mAMPS		
Voltage Tolerance	± 10%			