



Pump Model: K4VL

Physical Data:

Discharge Size	ANSI 4" Horizontal
Solids Size	3"
Impeller Type	Balanced, Enclosed, 2 Vane
Power/Control Cable Length	30' Standard
Paint	Blue, Water Reducible Enamel, One Coat, Air Dried – Standard

Motor Construction:

Motor Type	Enclosed Submersible Air Filled
NEMA Insulation Code	Class H
Service Factor	1.2
NEMA Design Type	B (3Ø) L (1Ø)
Single Phase Configuration	External Start and Run Components
Motor Protection	Thermal Sensors Embedded in the Windings
Maximum Stator Temperature	356°F (180°C)
Power Cord Type	SOOW - 600V, 90° C
Control Cord Type	18-5 SOOW - 600V, 90° C

Materials of Construction:

Cord Entry	Cast Iron, ASTM A48, Class 30
Motor Housing	Cast Iron, ASTM A48, Class 30
Bearing Housing	Cast Iron, ASTM A48, Class 30
Volute	Cast Iron, ASTM A48, Class 30
Impeller	Ductile Iron, ASTM A536, 60-40-18
Volute Wear Ring	Bronze, CDA 836
Shaft	ANSI 416 Stainless Steel
Inboard Mechanical Seal	Silicone Carbide / Silicone Carbide
Outboard Mechanical Seal	Silicone Carbide / Silicone Carbide
Fasteners	ANSI 18-8 Stainless Steel
O-Rings	Nitrile Rubber
Upper Bearing	Conrad Style Single Row Deep Groove Ball Bearing
Lower Bearing	Conrad Style Single Row Deep Groove Ball Bearing