Pump Model: **KFG(X)2, KFG(X)2-SL**

Physical Data:

Discharge Size	1-1/4" NPT or 2-Bolt Flange Vertical
Impeller Type	Balanced, Recessed Vortex
Power/Control Cable Length	30' Standard
Paint	Blue, Waterborne Acrylic, High Build – (1) One Coat, Corrosion-Resistant, Air-Dried

Motor Construction:

Motor Type	Enclosed Submersible Oil Filled
NEMA Insulation Code	Class F
Service Factor	1.0
Motor Protection	Thermal Sensors Embedded in the Windings
Maximum Stator Temperature	266ºF (130ºC)
Power Cord (1 Phase)	12-5 SOOW - 600V, 90º C
Power Cord (3 Phase)	14-7 SOOW – 600V, 90° C
Std. Third Party Approval	FM3615

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
Impeller	Ductile Iron, ASTM A536, Grade 65-45-12
Shaft	ANSI 400 Stainless Steel
***Opt. Rotating "Axial" Slicer**	440 SST Hardened 58-60 Rockwell C
***Opt. Stationary "Axial" Slicer**	440 SST Hardened 58-60 Rockwell C
Rotating "Radial" Cutter	440 SST Hardened 58-60 Rockwell C
Stationary "Radial" Cutter	440 SST Hardened 58-60 Rockwell C
Inboard Mechanical Seal	Silicon Carbide / Silicon Carbide, Viton® Elastomers
Outboard Mechanical Seal	Silicon Carbide / Silicon Carbide, Viton® Elastomers
Fasteners	ANSI 18-8 or 304 Stainless Steel
O-Rings	Nitrile Rubber
Upper Bearing	Conrad Style Single Row Deep Groove Ball Bearing 100,000 Hours, L-10
Lower Bearing	Conrad Style Single Row Deep Groove Ball Bearing 100,000 Hours, L-10
Sleeve Bearing	Bronze, Sintered

Pump Model: **KFG(X)2, KFG(X)2-SL**

Thermal Data:

Maximum Liquid	140º F (60º C) Intermittent
Maximum Stator	266º F (130º C)
Heat Sensor Open:	275º F (135º C) Max. / 257º F (125º C) Min.
Closed:	205º F (96º C) Max. / 154º F (68º C) Min.
Oil Flash Point	390º F (199º C)

Electrical Data:

RPM	**3450**			
Electrical Ratings	Heat Sensor	24VDC 5AMPS	115VAC 5AMPS	230VAC 5AMPS
	Seal Fail	300VAC 5mAMPS		
Voltage Tolerance	± 10%			
External Start Kit	Start Capacitor = 216 ufd, 250 VAC			
	Run Capacitor = 25 ufd, 370 VAC			

Model (Slicer)	**Model** (Radial Cutter)	**HP**	**Volts**	**Phase**	**NEC Code**	**Service Factor**	**Full Load Amps**	**SF Amps**	**Start Amps**	**Full Load KW**	**Full Load KVA**
KFG2-2081SL	KFG2-2081	2	208	1	G	1.0	22.5	22.5	78.8	4.68	4.68
KFG2-2301SL	KFG2-2301		230				16.5	16.5	57.8	3.80	3.80
KFG2-2401SL	KFG2-2401		240				16.5	16.5	57.8	3.80	3.80
KFG2-2083SL	KFG2-2083	2	208	3	H	1.0	12.5	12.5	43.8	4.50	4.50
KFG2-2303SL	KFG2-2303		230				9.5	9.5	33.3	3.78	3.78
KFG2-4603SL	KFG2-4603		460				5.5	5.5	19.3	4.38	4.38

Pump Model: **K(F)G(X)2HZ, K(F)G(X)2SL-HZ**

Physical Data:

Discharge Size	2-Bolt Flange Horizontal
Impeller Type	Balanced, Recessed Vortex
Power/Control Cable Length	30' Standard
Paint	Blue, Waterborne Acrylic, High Build – (1) One Coat, Corrosion-Resistant, Air-Dried

Motor Construction:

Motor Type	Enclosed Submersible Oil Filled
NEMA Insulation Code	Class F
Service Factor	1.0
Motor Protection	Thermal Sensors Embedded in the Windings
Maximum Stator Temperature	266ºF (130ºC)
Power Cord (1 Phase)	12-5 SOOW - 600V, 90º C
Power Cord (3 Phase)	14-7 SOOW – 600V, 90° C
Std. Third Party Approval	FM3615

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
Impeller	Ductile Iron, ASTM A536, Grade 65-45-12
Shaft	ANSI 400 Stainless Steel
***Opt. Rotating "Axial" Slicer**	440 SST Hardened 58-60 Rockwell C
***Opt. Stationary "Axial" Slicer**	440 SST Hardened 58-60 Rockwell C
Rotating "Radial" Cutter	440 SST Hardened 58-60 Rockwell C
Stationary "Radial" Cutter	440 SST Hardened 58-60 Rockwell C
Inboard Mechanical Seal	Silicon Carbide / Silicon Carbide, Viton® Elastomers
Outboard Mechanical Seal	Silicon Carbide / Silicon Carbide, Viton® Elastomers
Fasteners	ANSI 18-8 or 304 Stainless Steel
O-Rings	Nitrile Rubber
Upper Bearing	Conrad Style Single Row Deep Groove Ball Bearing 100,000 Hours, L-10
Lower Bearing	Conrad Style Single Row Deep Groove Ball Bearing 100,000 Hours, L-10
Sleeve Bearing	Bronze, Sintered

Pump Model: **K(F)G(X)2HZ, K(F)G(X)2SL-HZ**

Thermal Data:

Maximum Liquid		140º F (60º C) Intermittent
Maximum Stator		266º F (130º C)
Heat Sensor	**Open:**	275º F (135º C) Max. / 257º F (125º C) Min.
	Closed:	205º F (96º C) Max. / 154º F (68º C) Min.
Oil Flash Point		390º F (199º C)

Electrical Data:

RPM	**3450**			
Electrical Ratings	Heat Sensor	24VDC 5AMPS	115VAC 5AMPS	230VAC 5AMPS
	Seal Fail	300VAC 5mAMPS		
Voltage Tolerance	± 10%			
External Start Kit	Start Capacitor = 216 ufd, 250 VAC			
	Run Capacitor = 25 ufd, 370 VAC			

Model (Slicer)	**Model** (Radial Cutter)	**HP**	**Volts**	**Phase**	**NEC Code**	**Service Factor**	**Full Load Amps**	**SF Amps**	**Start Amps**	**Full Load KW**	**Full Load KVA**
KG2-2081SL-HZ	KG2-2081-HZ		208				20.8	20.8	72.0	4.33	4.33
KG2-2301SL-HZ	KG2-2301-HZ	2	230	1	G	1.0	15.5	15.5	54.3	3.56	3.56
KG2-2401SL-HZ	KG2-2401-HZ		240				15.5	15.5	54.3	3.72	3.72
KG2-2083SL-HZ	KG2-2083-HZ		208				9.5	9.5	33.3	3.42	3.42
KG2-2303SL-HZ	KG2-2303-HZ	2	230	3	H	1.0	8.5	8.5	29.8	3.38	3.38
KG2-4603SL-HZ	KG2-4603-HZ		460				4.5	4.5	15.8	3.78	3.78
KFG2-2081SL-HZ	KFG2-2081-HZ		208				22.5	22.5	78.8	4.68	4.68
KFG2-2301SL-HZ	KFG2-2301-HZ	2	230	1	G	1.0	16.5	16.5	57.8	3.79	3.79
KFG2-2401SL-HZ	KFG2-2401-HZ		240				16.5	16.5	57.8	3.79	3.79
KFG2-2083SL-HZ	KFG2-2083-HZ		208				12.5	12.5	43.8	4.50	4.50
KFG2-2303SL-HZ	KFG2-2303-HZ	2	230	3	H	1.0	9.5	9.5	33.3	3.78	3.78
KFG2-4603SL-HZ	KFG2-4603-HZ		460				5.5	5.5	19.3	4.39	4.39