



Pump Model: K4V

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%			

HP	Voltage	Phase	NEC Code	Service Factor	Full Load AMPS	SF Amps	Locked Rotor AMPS	Run KW	Start KVA	Run KVA
3	208	1	G	1.2	19.1	22.9	89.8	3.3	18.6	4.0
	230				17.2	20.6	80.8			
3	208	3	L	1.2	16.3	19.6	82.1	4.5	29.5	5.6
	230				14.1	16.9	73.9			
	460				7	8.4	37.1			
5	208	1	G	1.2	37.1	44.5	148.3	6.5	30.7	7.8
	230				34.3	41.2	133.4			
5	208	3	L	1.2	21.1	25.3	109.8	5.8	39.1	7.6
	230				19	22.8	97.4			
	460				9.6	11.5	49.2			
7.5	208	3	K	1.2	32.1	38.5	179.6	8.3	64.2	12.0
	230				30.2	36.2	163.8			
	460				15.1	18.1	78.3			

Motor Efficiencies & Power Factor

HP	Phase	Motor Efficiency %				Power Factor %			
		Service Factor Load	100% Load	75% Load	50% Load	Service Factor Load	100% Load	75% Load	50% Load
3	1	66	66	64	56	87	83	79	70
3	3	71	70	69	63	81	80	79	71
5	1	65	65	64	59	86	83	76	62
5	3	78	78	75	70	79	76	71	60
7.5	3	77	76	74	69	75	70	64	54