

Features

- ① About 30% pressure level increase compared with the standard type
- ② The pump is immersed in the liquids when in use
- ③ EU RoHS Directive
(Restriction of Use of Six Hazardous Substances) compliant
- ④ Meets the EU Directive for CE marking
- ⑤ Enhanced protection against mist and other environmental elements



Structure

Non-seal (mechanical seal-less) structure. Cast iron is used in the pump's main unit.

How to read the model type

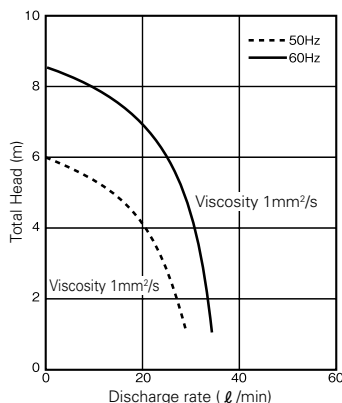
VKP 07 5 H

① ② ③ ④

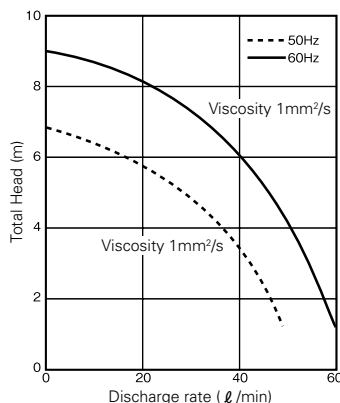
- ① Model
- ② Output code(ex. 06: 100W)
- ③ Series
- ④ Number of phases and characteristics
(H: 3 phases; pressure type)

Selection chart (performance drawings)

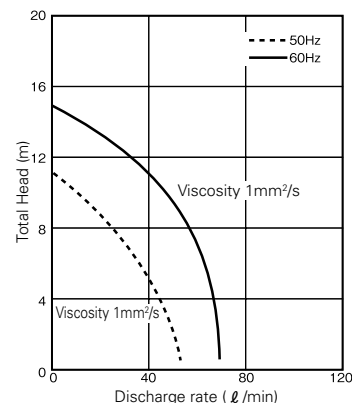
VKP055H



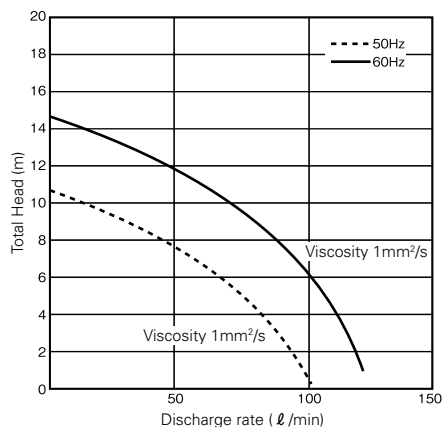
VKP065H



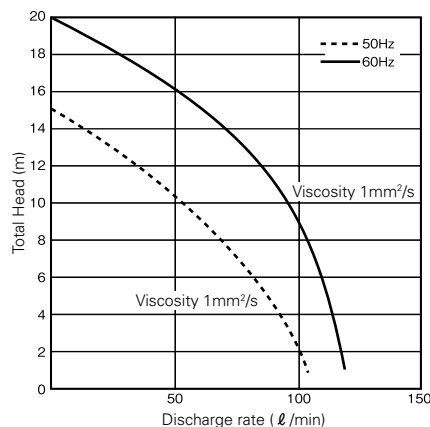
VKP075H



VKP085H



VKP095H



Specifications

Specifications	Type	VKP055H		VKP065H		VKP075H		VKP085H		VKP095H	
Nominal output	(W)	60		100		180		250		400	
Rated voltage	(V)	200	200/220	200	200/220	200	200/220	200	200/220	200	200/220
Frequency	(Hz)	50	60	50	60	50	60	50	60	50	60
Rated current	(A)	0.42	0.55/0.52	0.55	0.6/0.6	0.9	1.2/1.1	1.2	1.5/1.5	2.4	2.5/2.4
Discharge rate	(ℓ/min)	10	10	10	10	20	20	20	20	20	20
Total head	(m)	5	7.5	5.5	8	9	13	9	13	13	18
Max. viscosity allowed	(mm²/s)	37.5		37.5		37.5		37.5		37.5	
Outlet	(Rp)	3/8		3/8		1/2		3/4		1	
Paint color		Munsell N1									
Standard		IEC60034-1 CE approved									
Degree of protection		IP54									

Note: The discharge rate and total head values were obtained in tests with a liquid viscosity of 1mm²/s (same as tap water at normal temperature). Note that the pumps cannot be used with water.

■ Assembly Drawing

Fig.1

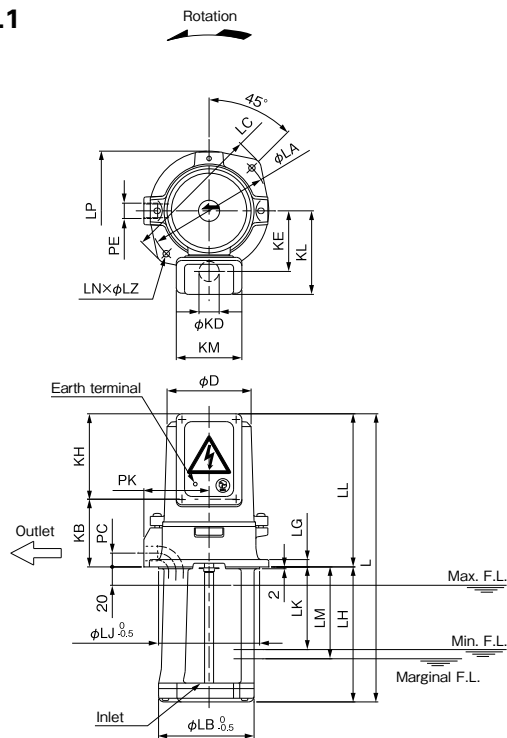
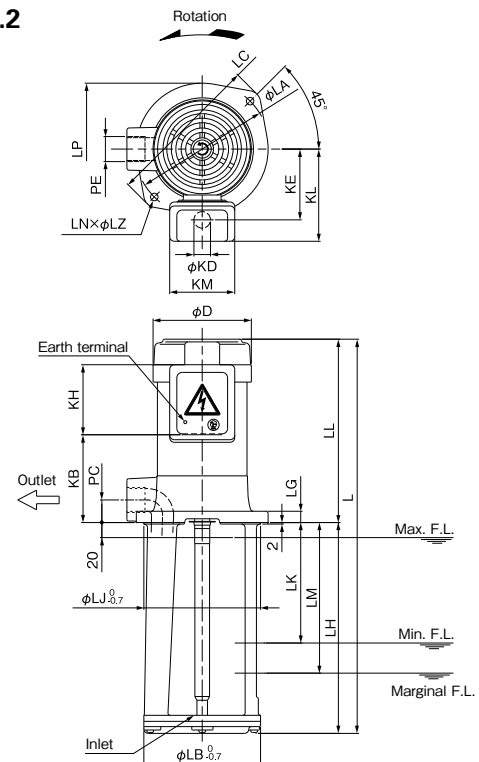


Fig.2

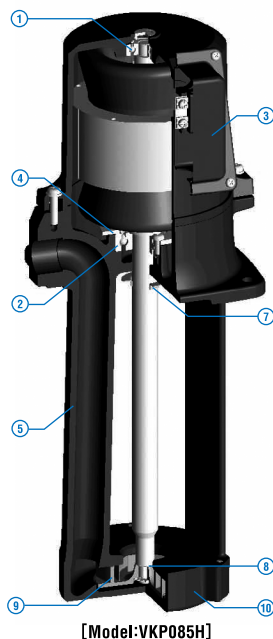


■ Dimensions

(Unit : mm)

Type	Fig.	D	KB	KD	KE	KH	KL	KM	L	LA	LB	LC	LG	LH	LJ	LK	LL	LM	LN	LP	LZ	PC	PE	PK	Approx. mass (kg)
VKP055H	1	92	74	22	67	93	93	73	312	132	110	152	8	145	110	90	167	100	2	130	7	15	Rp $\frac{3}{8}$	71	6.0
VKP065H	1	92	74	22	67	93	93	73	317	132	110	152	8	147	110	100	167	110	2	130	7	15	Rp $\frac{3}{8}$	71	6.5
VKP075H	1	111	94	22	78	93	104	73	367	160	135	180	10	180	135	105	187	130	2	154	10	20	Rp $\frac{1}{2}$	80	10.0
VKP085H	1	122	106	22	81	93	107	73	449	160	135	180	10	250	135	165	199	190	2	154	10	25	Rp $\frac{3}{4}$	85	15.0
VKP095H	2	131	117	22	94	93	122	87	524	180	155	206	15	280	155	160	244	200	2	175	10	30	Rp1	—	16.5

■ Sectional drawing



No.	Parts Name	Materials
1	Deep groove ball bearing	
2	Deep groove ball bearing	
3	Terminal box	SPCC
4	End cover	SPHC
5	Pump leg	FC150
7	Oil thrower	SPCC
8	Adjusting washer	BsP3-1 / 2H
9	Impeller	Special resins or CAC407
10	Eddy box	FC150

Note: Structure and other details are subject to change without notice.