

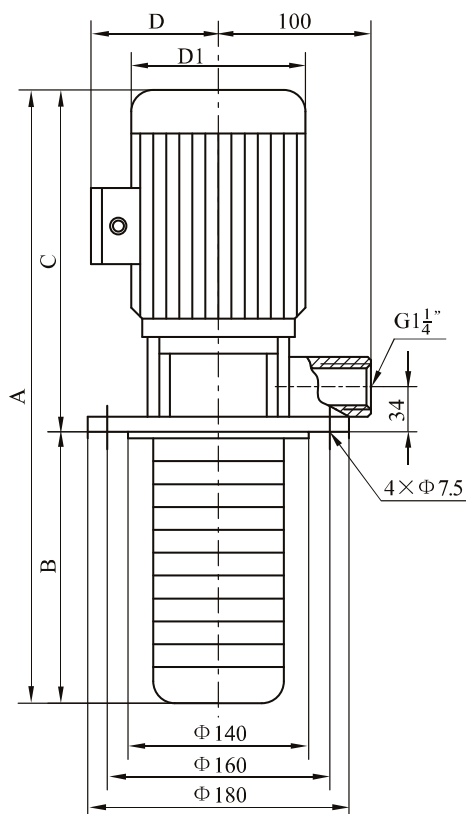
LISTINO
PREZZI
2015



Performance table

Model	Driving motor		Q (m ³ /h)	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5	
	(kW)	(hp)										
VR 2-5	0.55	0.75	H (m)	45	43	40	37	33	30	24	20	
VR 2-6	0.75	1		53	52	50	45	40	36	30	24	
VR 2-7	0.75	1		63	61	57	52	47	41	35	28	
VR 2-9	1.1	1.5		80	78	73	67	61	54	45	37	
VR 2-11	1.1	1.5		98	95	89	82	73	64	54	44	
VR 2-13	1.5	2		116	114	106	98	89	78	65	52	
VR 2-15	1.5	2		134	130	123	112	100	90	73	60	
VR 2-18	2.2	3		161	157	148	136	121	108	91	76	
VR 2-22	2.2	3		197	192	180	165	148	130	110	90	
VR 2-26	3.0	4		232	228	214	198	179	158	130	110	

Installation sketch



Size and weight

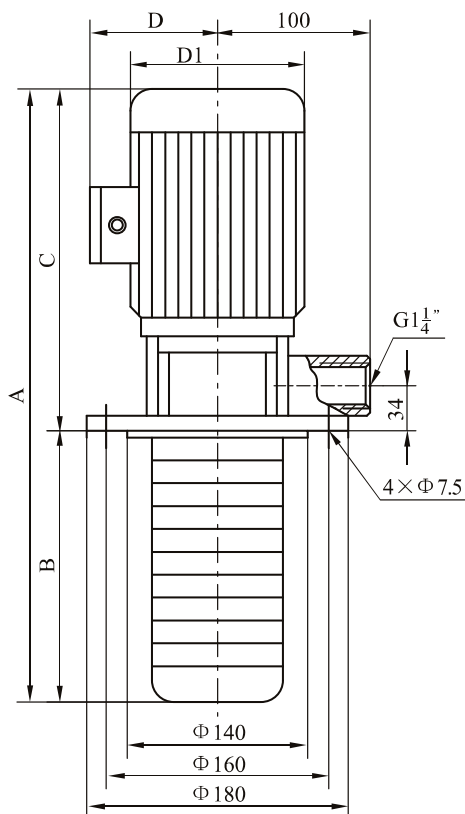
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
VR 2-5	492	177	315	117	148	17
VR 2-6	553	195	358	142	170	20
VR 2-7	571	213	358	142	170	20
VR 2-9	607	249	358	142	170	22
VR 2-11	643	285	358	142	170	22
VR 2-13	734	321	413	155	190	29
VR 2-15	770	357	413	155	190	29
VR 2-18	824	411	413	155	190	33
VR 2-22	896	483	413	155	190	33
VR 2-26	1003	555	448	165	197	41

The overall dimensions of the single-phase motor and explosion-proof motor are a little changed. Pls contact us for details.

Performance table

Model	Driving motor		Q (m ³ /h)	1.5	2.0	3.0	4.0	5.0	6.0	8.0	
	(kW)	(hp)									
VR 4-4	0.75	1	H (m)	38	36	34	32	27	24	13	
VR 4-5	1.1	1.5		47	45	43	40	34	31	17	
VR 4-6	1.1	1.5		56	54	52	48	41	37	20	
VR 4-7	1.5	2		66	63	61	56	48	43	24	
VR 4-8	1.5	2		74	72	70	64	55	50	27	
VR 4-10	2.2	3		96	90	87	81	71	62	34	
VR 4-12	2.2	3		114	108	104	95	85	75	41	
VR 4-14	3.0	4		136	126	122	112	101	89	48	
VR 4-16	3.0	4		152	144	140	129	115	101	55	
VR 4-19	4.0	5.5		183	171	168	153	137	122	67	
VR 4-22	4.0	5.5		211	200	192	178	160	138	79	

Installation sketch



Size and weight

Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
VR 4-4	560	202	358	142	170	18
VR 4-5	587	229	358	142	170	20
VR 4-6	614	256	358	142	170	21
VR 4-7	696	283	413	155	190	27
VR 4-8	723	310	413	155	190	28
VR 4-10	777	364	413	155	190	30
VR 4-12	831	418	413	155	190	30
VR 4-14	920	472	448	165	197	35
VR 4-16	974	526	448	165	197	35
VR 4-19	1075	607	468	185	230	40
VR 4-22	1156	688	468	185	230	41

The overall dimensions of the single-phase motor and explosion-proof motor are a little changed. Pls contact us for details.

Pump

VR pumps is non-self priming multi-stage centrifugal pump installed with standard motor. The motor shaft is directly connected with the pump shaft through coupling. According to the requirement, the pump can be equipped with intelligent protector, which effectively protects pump from dry rotation, phase lack, overload etc. In order to meet the requirement of installation depth of the water tank or vessel, it is possible to install cavity body for changing length of the pump. Length for different number of stages is shown in the dimensions & weight table and the table of products supplying scope.

Application

VR pumps is used for conveying colling liquid, lubricating liquid and condensation water of machine tools, industrial cleaning equipment or other cases that application of immersed pump is suitable, and is applicable to various temperature, flow and pressure ranges.

VR pumps is applicable to low-corrosive liquid.

- Concretely, it is applicable to electric spark, lathe, grinding machine, processing center, cooling devices, industrial cleaning equipment, filtering system etc.

Performance curve

- 1、 All curves are based on the measured values of 50Hz: constant motor speed 2900r/min, 60 Hz: constant motor speed 3500 r/min;
- 2、 The allowable tolerance of the curve complies with ISO9906 Annex A.
- 3、 For measurement, air-free water with temperature 20°C and kinematical viscosity 1 mm²/s.
- 4、 The pump application is in reference to performance scope of Heavy line to prevent overheating due to too low flow and motor overload due to too high flow-rate Etc.

Motor

- The motor is fully-sealed, air-cooling standard motor 2 poles
- Protection class: IP55
- Insulation class: F

Operation conditions

- Thin, clean non-explosive liquid without solid grains and fibres; can be used for conveying of water, cooling water solution and cutting lubricating liquid.

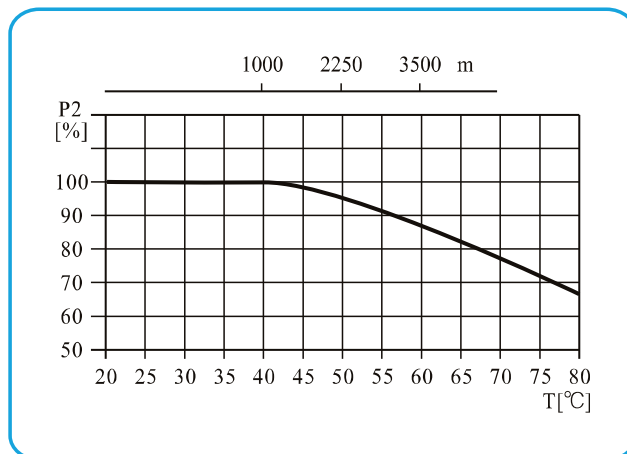
- Liquid temperature:

Normal temperature type : -15°C ~ +70°C

Warm water type: -15°C ~ +120°C

Max. Ambient temperature

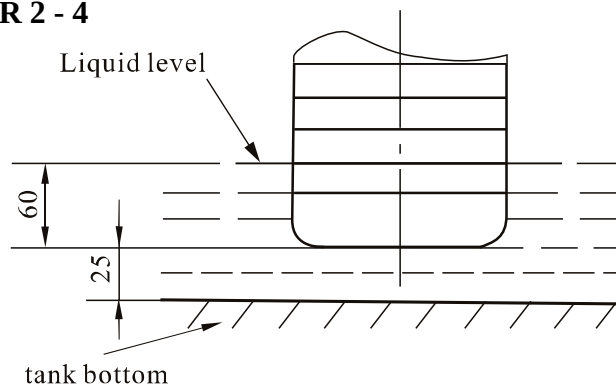
When the pump operates under ambient temperature higher than 40°C or under altitude higher than 1000m, because of low air density and poor cooling effects, the motor output power P2 will be decreased to certain extent. If the pump is operated under the above-said conditions, it should be equipped with motor of higher power.



Installation of pump

The dimensions shown in the below drawing are the minimum installation ones:

VR 2 - 4



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