

VET Series



Standard specifications

Structure

- Drive: Direct drive motor
- Gas seal: V-ring
- Pump body piping: PVC/HT.PVC
- Casing: PVC/HT.PVC
- Impeller: Closed type

Operating temperature range:

- PVC: 0 to 50°C
- HT.PVC: 0 to 80°C

Rotating direction: Clockwise

(When viewed from the motor side)

Flange: Equivalent to JIS 10K FF

Motor: 2-pole induction motor of general-purpose flange type for outdoor use

Paint color: Equivalent to Munsell 2.5B4/8 (Metal such as bed)

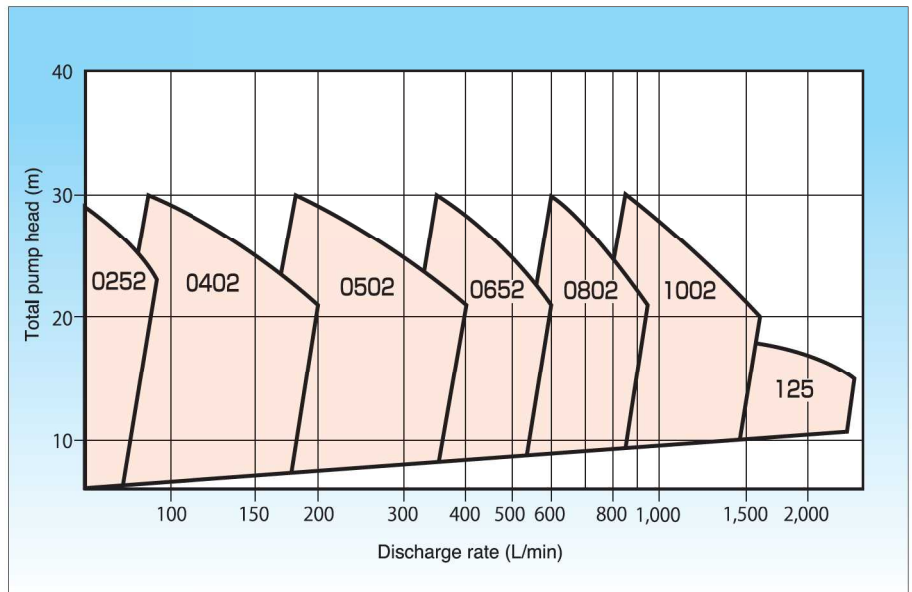
Model identification

VET - 025 2 F 02 S T

① ② ③ ④ ⑤ ⑥ ⑦

- ① Name ② Nozzle diameter ③ Frame No.
- ④ O-ring material
F: FPM E: EPDM
- ⑤ Motor output
01: 0.75 kW 02: 1.5 kW
03: 2.2 kW 05: 3.7 kW
07: 5.5 kW 10: 7.5 kW
15: 11 kW 20: 15 kW
- ⑥ Body material (Casing, Pump body piping, etc.)
S: PVC
H: HT.PVC
- ⑦ Installation condition
T: Outside of tank

50 Hz/60 Hz model capacity chart



50 Hz model specifications table

Model	Nozzle diameter (mm)	Discharge rate (L/min)	Total pump head (m)	Motor output (kW)
VET-0252	25	60	25	1.5
VET-0402	40	150	25	2.2
VET-0502	50	300	25	3.7
VET-0652	65	500	25	5.5
VET-0802	80	800	25	11
VET-1002	100	1,200	25	15
VET-125	125	2,400	15	15

Motor output is given for liquids with a specific gravity of 1.0 at the target point. For the pump with 125 mm nozzle diameter, only 4P is available.

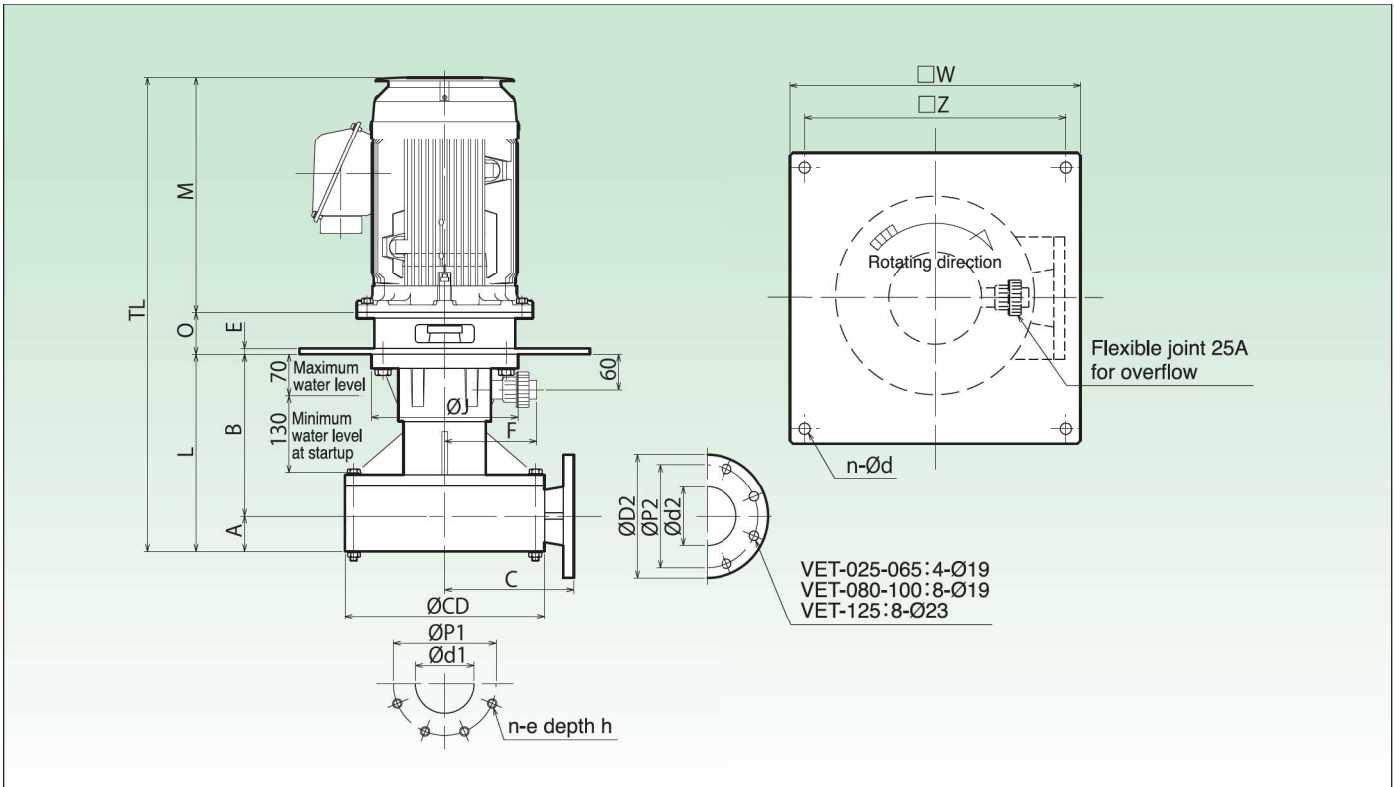
60 Hz model specifications table

Model	Nozzle diameter (mm)	Discharge rate (L/min)	Total pump head (m)	Motor output (kW)
VET-0252	25	60	25	1.5
VET-0402	40	150	25	2.2
VET-0502	50	300	25	3.7
VET-0652	65	500	25	5.5
VET-0802	80	800	25	11
VET-1002	100	1,200	25	15
VET-125	125	2,400	15	15

Motor output is given for liquids with a specific gravity of 1.0 at the target point. For the pump with 125 mm nozzle diameter, only 4P is available.

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Dimensional drawing



Dimensions table for tank-outside installation type

Model	Motor (kW)	A	B	C	E	F	L	O	φCD	J	φd1	φP1	n-e depth h	φd2	φP2	φD2	W	Z	n-φd
VET-0252	1.5	41	275	155	14	130	316	71	230	185	25	90	4-M16 Depth18	25	90	125	370	330	4-φ15
VET-0402	2.2	41	275	165	14	130	316	71	245	185	40	105	4-M16 Depth20	40	105	140	370	330	4-φ15
VET-0502	3.7	50	275	180	14	145	325	71	280	210	51	120	4-M16 Depth20	50	120	155	370	330	4-φ15
VET-0652	5.5	50	275	205	10	155	325	71	320	250	67	140	4-M16 Depth24	65	140	175	470	420	4-φ15
VET-0802	11	50	275	220	12	165	325	100	345	280	77	150	4-M16 Depth16	77	150	185	495	445	4-φ19
VET-1002	11	60	275	240	12	165	335	100	380	280	100	175	4-M16 Depth25	100	175	210	530	480	4-φ19
VET-125	11/15	87	500	330	15	210	587	90	500	330	150	240	4-M20 Depth29	125	210	250	700	650	4-φ19

Cross-section structural drawing

