

## Vertical pump

### V-2.2-5 to V-8.8-9

Materials: PP and PVDF  
 Immersion depth: 270 and 400 mm  
 Flow rate: 1 to 10 m<sup>3</sup>/h  
 Delivery head: up to 9 m LQ  
 Motor power: 0,12 to 0,55 kW



#### Some typical applications:

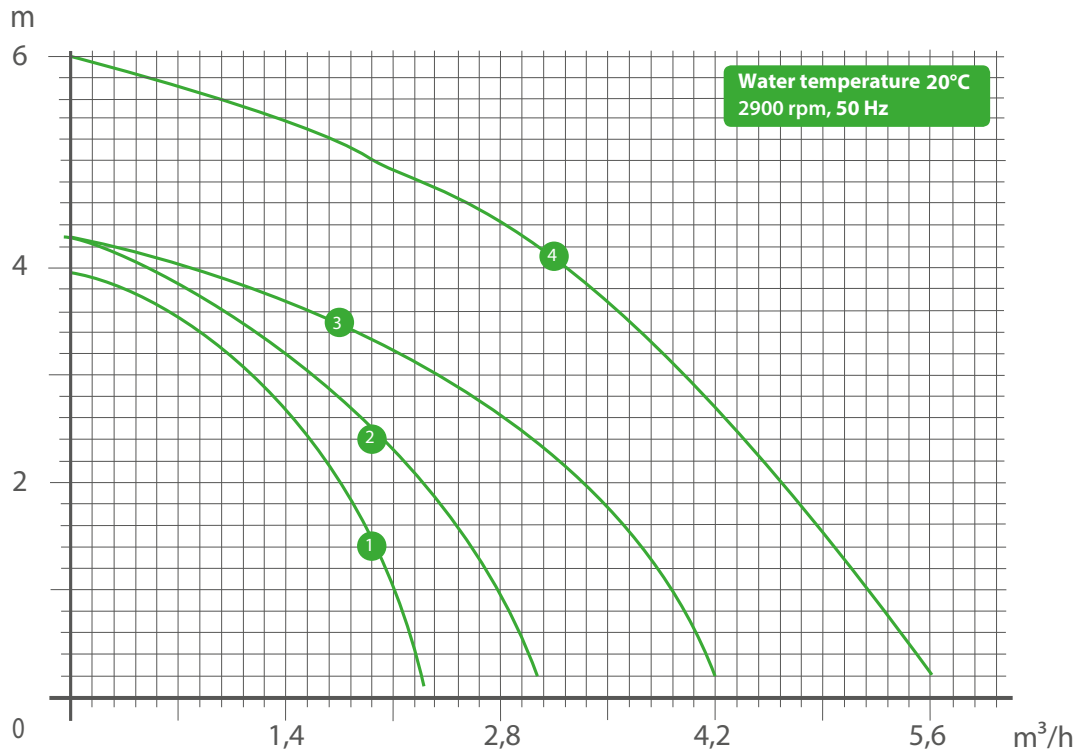
Gas and fume scrubbers, **filtration of liquids**, production of semiconductors and solar cells, **use in coating plants**, operation of water treatment plants, **purging applications**, PCB processing equipment, **electroplating equipment**, general mixing and circulation tasks, **redox flow applications**, disinfection systems.

Type	Motor power kW	Rated current 400V-3ph, 50Hz	connection pressure side d/DN	Weight kg	Immersion depth mm	Suction extension mm	Q max. m <sup>3</sup> /h	H max. m LQ
V-2.2-5	0,12	0,5	25/20	6	270	up to 400	2,2	4
V-3.3-5	0,18	0,5	25/20	7	270	up to 500	3,3	5
V-4.2-5	0,25	0,7	25/20	8	270	up to 600	4,2	5
V-5.5-6	0,37	1,1	25/20	9	270	up to 800	5,5	6
V-2.4-6	0,18	0,5	32/25	11	400	up to 700	2,4	6
V-4.4-7	0,25	0,7	32/25	12	400	up to 900	5	7
V-7.5-8	0,37	1,1	32/25	13	400	up to 1000	7,5	8
V-8.8-9	0,55	1,5	32/25	14	400	up to 1000	8,8	9

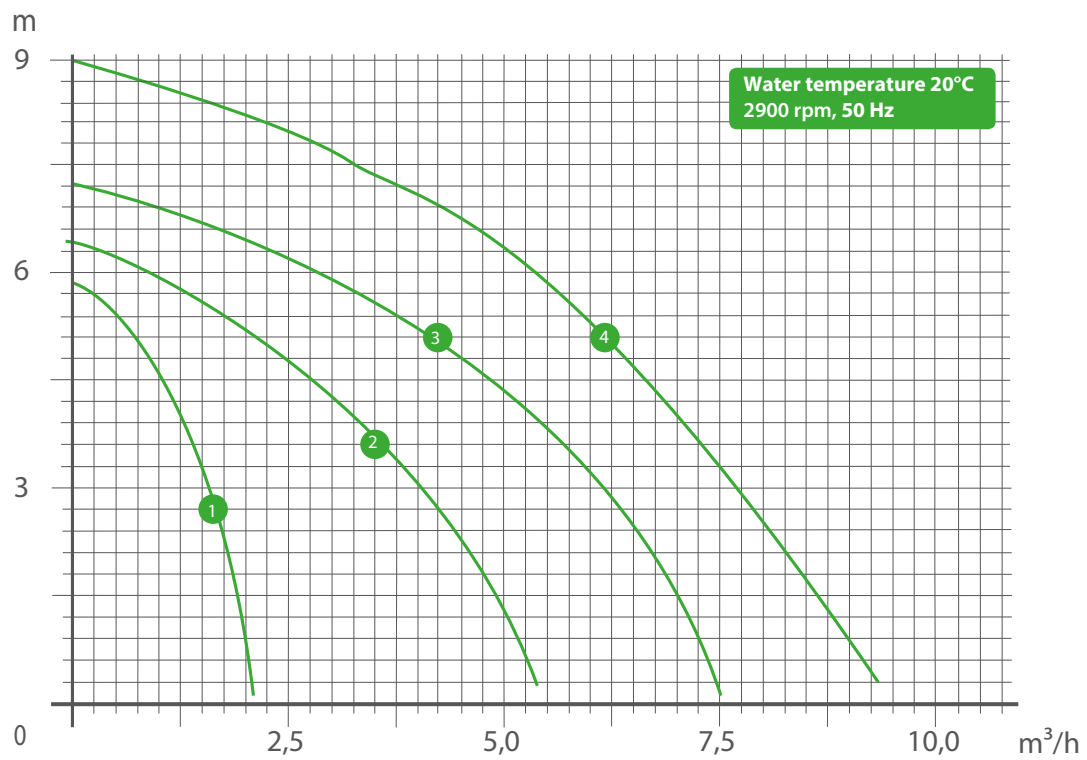


**Vertical pump**

**V-2.2-5 to V-8.8-9**



① V-2.2-5 (0,12 kW) ② V-3.3-5 (0,18 kW) ③ V-4.2-5 (0,25 kW) ④ V-5.5-6 (0,37 kW)



① V-2.4-6 (0,18 kW) ② V-4.4-7 (0,25 kW) ③ V-7.5-8 (0,37 kW) ④ V-8.8-9 (0,55 kW)



## Vertical pump

V-2.2-5 to V-8.8-9

NEES chemical vertical pumps are used to reliably and safely transfer aggressive or highly corrosive fluids and wastewater.

**Ever-growing demands** on the pumps, high runtime expectations, enhanced **energy efficiency**, and highest **product safety**: These challenges drive us to constantly improve and redefine the existing standards.

**100% product safety** for people and equipment is a principle we will not compromise in the sophisticated design of our pumps. Thanks to their innovative and proven construction, vertical NEES pumps **V-2.2-5 to V-8.8-9** are very energy

efficient, robust, versatile and **absolutely dry-run safe**. The compact design safely places in your equipment. Low-vibration operation, insensitivity to solid parts and very low pressure losses distinguish this pump.

The pump can also transfer solid matter directly from pump sumps, wells, containers or basins.

### Optionally available

- Suction extensions
- Intermediate filter
- Hose connectors
- Special connections
- FIP fittings

### Characteristics:

- All wetted parts are made of PP or PVDF (no metal-to-liquid contact)
- Without intermediate bearing, therefore absolutely safe to dry run
- Motor with multi-range voltage
- Special paint for use in aggressive atmosphere, Motor fan cover made of PP
- Reinforced motor ball bearings and extended shaft for stability and longevity
- Abrasion-free, therefore suitable for high purity applications
- Compact and energy efficient design
- Low maintenance, therefore cost-effective operation
- Pressure side fittings available with inserts made of PP, PVDF or CPVC

We'll happy to advise you



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