

# FAGGIOLATI V SERIE

## submersible vortex pump



[Drainage pump](#) [Sewage pump](#) [Submersible pump](#)

### Description

Series of submersible pumps equipped with a vortex impeller. Suitable for dirty liquids containing solids. Specially designed for pumping domestic and industrial waste water and sewage from buffer tanks and pits.

### Applications

- o pumping away waste and sewage water

### Specifications

- o suitable for dirty liquids with solid particles and continuous use
- o clear passage: up to 100 mm
- o design:
  - motor and pump housing: cast iron
  - pump shaft: stainless steel
  - impeller: cast iron
  - seal: sic/sic
- o capacity: up to 400 m<sup>3</sup>/h
- o delivery head: 72 mwk
- o liquid temperature: max. 40 °C
- o protection class: IP68
- o discharge connection: up to DN 150
- o motor power: up to 48,2 kW, 2-, 4- and 6-pole

- o voltages:

- 1-phase 230 Volt 50 Hz
- 3-phase 230/400 Volt 50 Hz
- 3-phase 400/690 Volt 50 Hz
- other voltages and frequencies on request

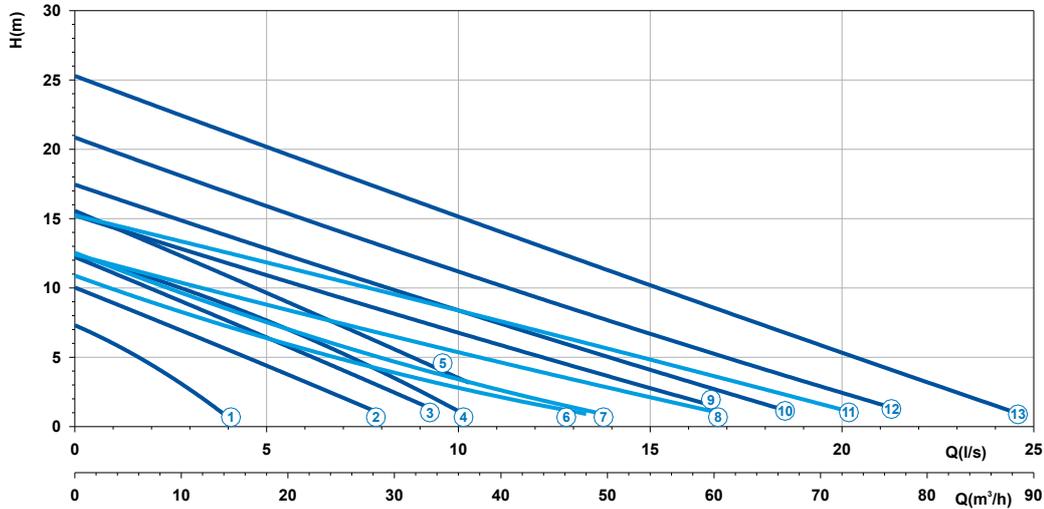
- o 1-phase version with float and thermal protection

- o special versions:

- Ex
- IE2/IE3 motor
- tropical winding
- water sensor
- entirely stainless steel or bronze



Capacity graph V series 50 Hz rpm 2850

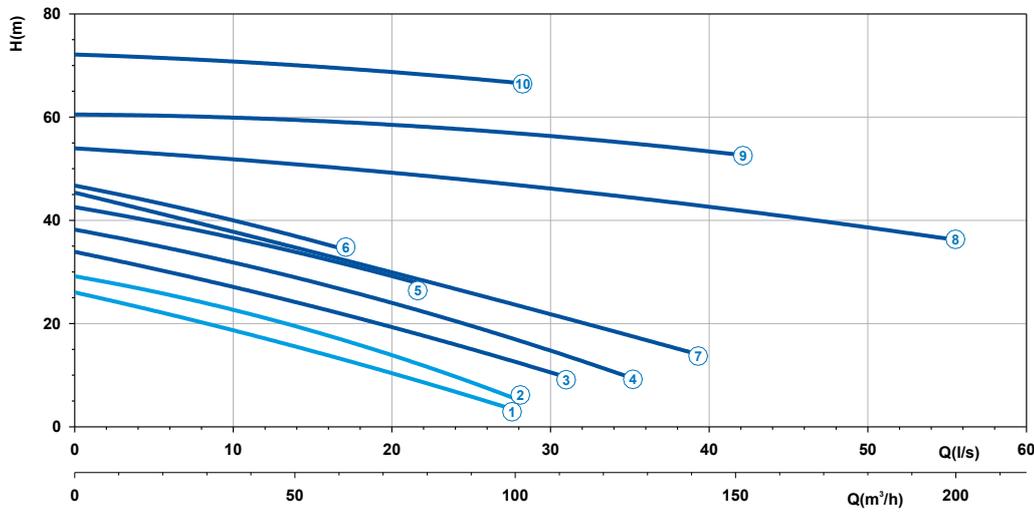


Technical data V series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN mm	CLEAR PASSAGE mm	WEIGHT	CODE	AVAILABLE ENGINE VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7000264	G206M6V1-D30AB1	0,5	4	12,4	1ph 230V-50Hz	1"1/4	30	14	-	-
	7002139	G206T6V1-D30AA0	0,5	1,5	5,2	3ph 400V-50Hz	1"1/4	30	13	-	-
2	7000814	G272M3V2-K48AB1	1,1	7,5	21	1ph 230V-50Hz	50	48	31	-	-
	7009010	G272T3V2-K48AA0	1,4	3	8,4	3ph 400V-50Hz	50	48	31	-	-
3	7006437	G271M3V3-K50AB1	1,1	7,5	21	1ph 230V-50Hz	50	50	43	7006443	-
	7000854	G272T3V1-K48AA0	1,4	3	8,4	3ph 400V-50Hz	50	48	31	-	-
4	7006436	G271M3V2-K50AB1	1,9	10	31	1ph 230V-50Hz	50	50	43	7006438	-
	7005996	G271T3V2-K50AA0	1,4	3,5	14	3ph 400V-50Hz	50	50	43	7006433	-
5	7005432	G271M3V1-K50AB1	1,9	10	31	1ph 230V-50Hz	50	50	43	7005618	-
	7005419	G271T3V1-K50AA0	2,4	5	21	3ph 400V-50Hz	50	50	43	7005697	-
6	7000846	G271M6V3-L65AB1	1,9	10	31	1ph 230V-50Hz	65	65	44	7000847	-
	7000554	G271T6V3-L65AA0	2,3	4,8	20,2	3ph 400V-50Hz	65	65	44	7000839	-
7	7003121	G271T6V2-L65AA0	2,3	4,8	20,2	3ph 400V-50Hz	65	65	44	7000403	-
8	7005671	G209T6V2-L65AA0	3,2	6,5	31,8	3ph 400V-50Hz	65	65	55	7000842	IE3
9	7009360	G209T3V2-M50AA0	3,2	6,5	31,8	3ph 400V-50Hz	DN 80	50	60	7008930	IE3
	7002496	G209T3V1-M50AA0	3,2	6,5	31,8	3ph 400V-50Hz	DN 80	50	60	7002807	IE3
11	7005698	G210R6V2-L65AA2	4,2	8,8	51,9	3ph 400/690V-50Hz	65	65	64	7000840	IE3
12	7003213	G210R3V2-M50AA2	5	11	64,9	3ph 400/690V-50Hz	DN 80	50	74	7002800	IE3
13	7003212	G210R3V1-M50AA2	5,7	13	73,7	3ph 400/690V-50Hz	DN 80	50	75	7002799	IE3



Capacity graph V series 50 Hz rpm 2850

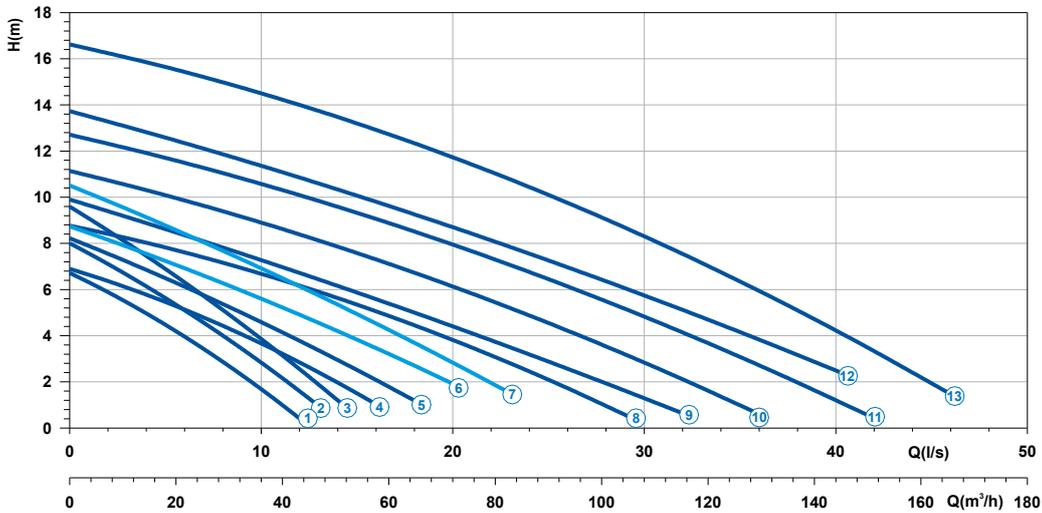


Technical data V series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE ENGINE VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7003233	G21R3V2-M70SA2	10	18	106	3ph 400/690V-50Hz	DN 80	70	160	-	IE2
2	7009668	G21R3V1-M70SA2	10	18	106	3ph 400/690V-50Hz	DN 80	70	160	-	IE2
3	7006112	G213R3V5-M80AA2	15	27	156	3ph 400/690V-50Hz	DN 80	80	190	7007472	IE3
4	7006110	G213R3V4-M80AA2	18	34	194	3ph 400/690V-50Hz	DN 80	80	190	7007473	IE3
5	7006429	G213R6V2-M50AA2	18	34	194	3ph 400/690V-50Hz	DN 80	40×50	191	7007398	IE3
6	7006428	G213R6V1-M50AA2	18	34	194	3ph 400/690V-50Hz	DN 80	40×50	196	7007469	IE3
7	7006850	G216R3V1-M80AA2	22	40	237	3ph 400/690V-50Hz	DN 80	80	320	-	IE3
8	7002628	G218R9V4-P80AA2	50	87	506	3ph 400/690V-50Hz	DN 100	80	410	-	IE2
9	7001837	G218R9V3-P80AA2	50	87	506	3ph 400/690V-50Hz	DN 100	80	410	-	IE2
10	7002380	G218R9V2-P80AA2	50	87	506	3ph 400/690V-50Hz	DN 100	80	410	-	IE2



Capacity chart V series 50 Hz rpm 1450

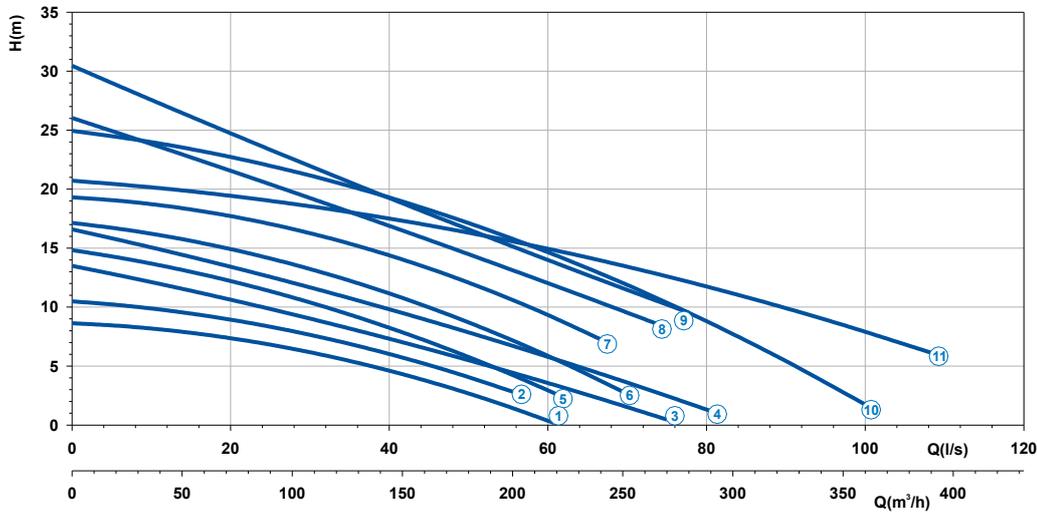


Technical data V series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN mm	CLEAR PASSAGE mm	WEIGHT	CODE	AVAILABLE ENGINE VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7002287	G471M6V3-L50AB1	1	7	21,7	1ph 230V-50Hz	65	50	42	7002824	-
	7002049	G471T6V3-L50AA0	1,1	3	12	3ph 400V-50Hz	65	50	42	7002811	-
2	7002286	G471M6V2-L50AB1	1	7	21,7	1ph 230V-50Hz	65	50	42	7002823	-
	7002048	G471T6V2-L50AA0	1,1	3	12	3ph 400V-50Hz	65	50	42	7003843	-
3	7002285	G471M6V1-L50AB1	1,2	8,5	26,3	1ph 230V-50Hz	65	50	42	7002822	-
	7002047	G471T6V1-L50AA0	1,4	3,5	16,1	3ph 400V-50Hz	65	50	42	7002702	-
4	7005431	G471M6V2-M50AB1	1	7	21,7	1ph 230V-50Hz	DN 80	50	45	7005682	-
	7005429	G471T6V2-M50AA0	1,2	2,8	12,9	3ph 400V-50Hz	DN 80	50	45	7005648	-
5	7005430	G471M6V1-M50AB1	1,2	8,5	26,3	1ph 230V-50Hz	DN 80	50	45	7005821	-
	7005289	G471T6V1-M50AA0	1,4	3,5	16,1	3ph 400V-50Hz	DN 80	50	45	7005836	-
6	7007383	G409T6V2-M60AA0	2,3	5,0	22,5	3ph 400V-50Hz	DN 80	50×60	64	7000848	IE3
7	7007382	G409T6V1-M60AA0	2,8	6,5	29,2	3ph 400V-50Hz	DN 80	50×60	64	7007625	IE3
8	7002018	G409T6V2-M64AA0	2,8	6,5	29,2	3ph 400V-50Hz	DN 80	64	64	7002796	IE3
9	7002013	G409T6V1-M64AA0	2,8	6,5	29,2	3ph 400V-50Hz	DN 80	64	64	7002794	IE3
10	7007908	G410R6V2-M64AA2	3,8	8	36	3ph 400/690V-50Hz	DN 80	64	79	7002765	IE3
11	7002016	G410R6V1-M64AA2	4,6	9,5	42,7	3ph 400/690V-50Hz	DN 80	64	79	7008203	IE3
12	7006378	G411R6V2-P90AA2	7,1	14	64,8	3ph 400/690V-50Hz	DN 100	70×90	170	7007501	IE3
13	7006377	G411R6V1-P90AA2	7,1	14	64,8	3ph 400/690V-50Hz	DN 100	70×90	170	7007500	IE3



Capacity chart series V 50 Hz RPM 1450 - 950



Technical data series V 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7004980	G611R6V2-P80AA2	4,8	11	54	3ph 400/690V-50Hz	DN 100	80	170	7007503	-
2	7002253	G611R6V1-P80AA2	5,2	13	63,7	3ph 400/690V-50Hz	DN 100	80	170	7007504	-
3	7000300	G618R3V2-S100AA2	11	23	124	3ph 400/690V-50Hz	DN 150	100	361	-	IE3
4	7000299	G618R3V1-S100AA2	14	28	148	3ph 400/690V-50Hz	DN 150	100	361	-	IE3
5	7001166	G413R6V3-P80AA2	12	23	128	3ph 400/690V-50Hz	DN 100	80	200	7007487	IE3
6	7001145	G413R6V2-P80AA2	14	30	162	3ph 400/690V-50Hz	DN 100	80	200	7007390	IE3
7	7000189	G413R6V1-P80AA2	14	30	162	3ph 400/690V-50Hz	DN 100	80	200	7007474	IE2
8	7000296	G418R3V3-S100AA2	25	46	273	3ph 400/690V-50Hz	DN 150	100	361	-	IE2
9	7000295	G418R3V2-S100AA2	30	56	218	3ph 400/690V-50Hz	DN 150	100	361	-	IE2
10	7006001	G416R6V1-P80AA2	27	52	308	3ph 400/690V-50Hz	DN 100	80	340	-	IE2
11	7005168	G416R6V1-S100AA2	27	52	308	3ph 400/690V-50Hz	DN 150	100	355	-	IE2