

VX251F - VX351F - VX501F - VX801F



Applications

Municipal, industrial and agricultural applications, fire fighting systems, water boosting, water treatment, irrigation, washing plants, reverse osmosis and filtration equipment, installations with or without autoclaves.

Features

- Compact multistage vertical electric pumps with overlapping flanges; they are reliable, quiet and easy to maintain.
- Pump body, external pump case, casing cover, impellers, diffusers, pump shaft, coupling guard and bolts in stainless steel.
- Bracket and base in cast iron, not in contact with pumped liquid.
- Technologically advanced multipurpose pumps capable of satisfying the needs of a wide variety of users, with models featuring from 6 to 48 m³/h nominal capacities.

Motor

- 2 poles asynchronous motor, 50 Hz.
- Insulation class F.
- Protection IP 55 IEC 34.
- Working voltage: three-phase 400 V.
- Employable with every type of motor, of our choice or of choice of customers, standardized in constructive shape B14/IV1, adapted for the vertical position.

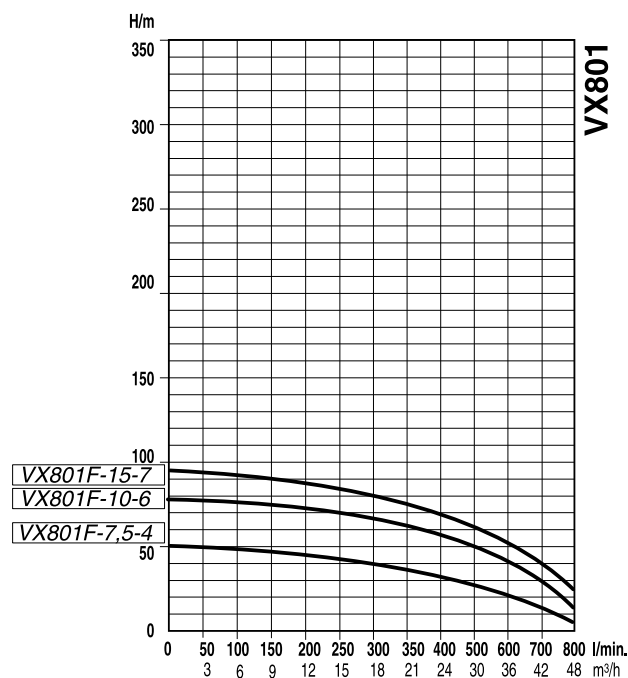
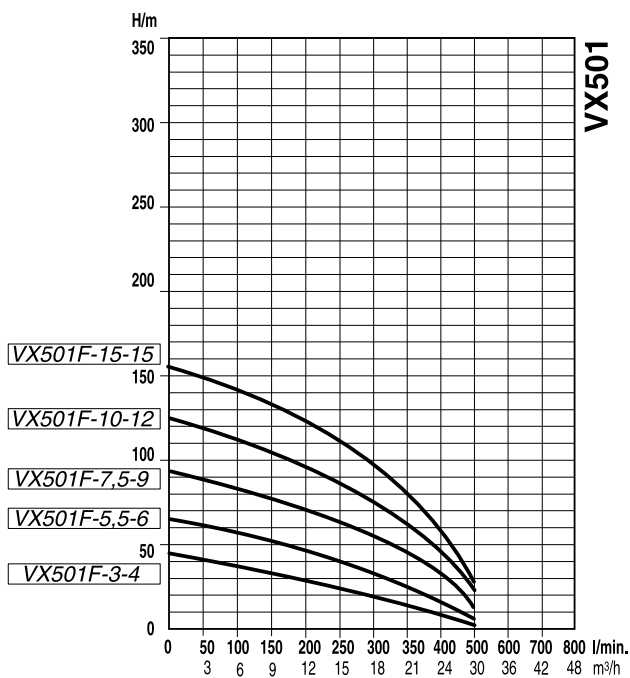
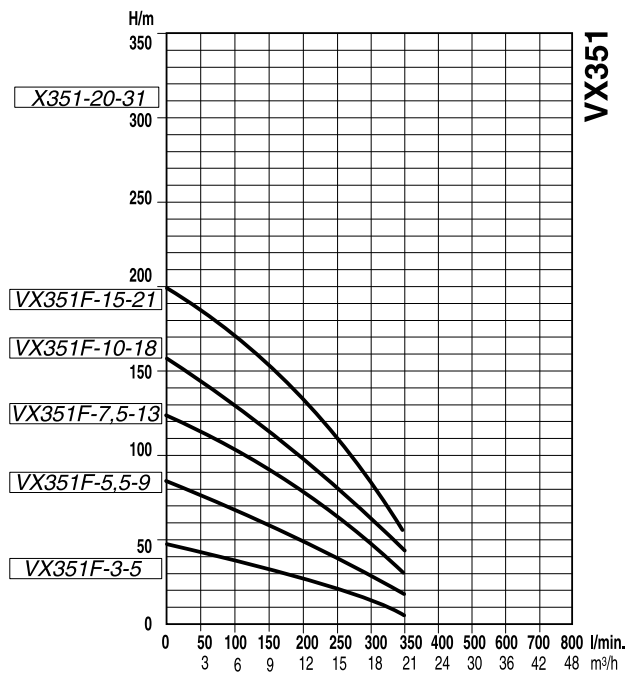
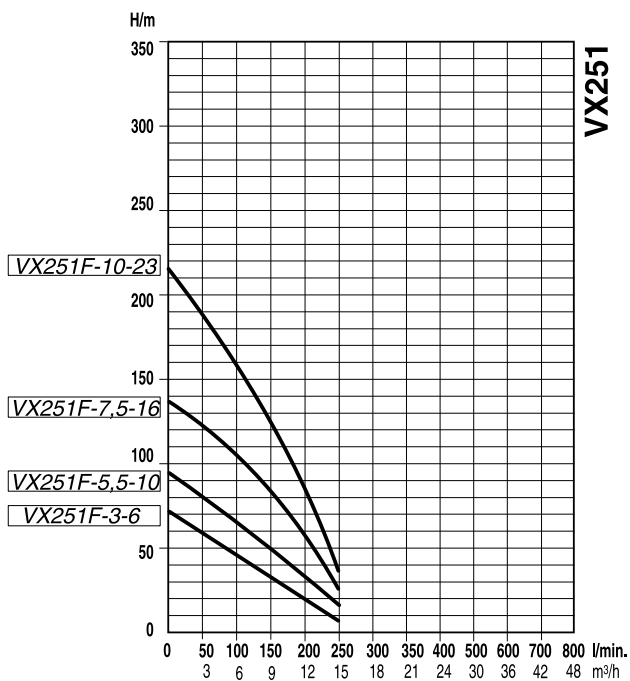
Operating conditions

- Pumped liquid: clean water, non aggressive, without solid particles.
- The pump should never operate in dry condition.
- Water temperature from 5 °C to 30 °C.
- Water feed pressure: min. 0,2 - max 3 bar.

Specifications

Pump type	Motor		Max current	Outlet Ø	Flow rate														
	HP	kW	T. 400V		l/min m ³ /h	0	50	100	150	200	250	300	350	400	500	600	700	800	
						0	3	6	9	12	15	18	21	24	30	36	42	48	
VX251F-3-6	3	2,2	4,8	UNI278/67 PN16 DN50	Manometric head (meters)	54	43	40	27	18	6								
VX251F-5,5-10	5,5	4	8,7			93	76	66	49	32	14								
VX251F-7,5-16	7,5	5,5	12,3			138	118	106	82	53	26								
VX251F-10-23	10	7,5	15,8			212	183	160	124	87	37								
VX351F-3-5	3	2,2	4,9			46		36	32	25	20	12	6						
VX351F-5,5-9	5,5	4	9,1			82		65	58	50	39	29	18						
VX351F-7,5-13	7,5	5,5	13,1			121		102	92	75	64	48	30						
VX351F-10-18	10	7,5	16,5			158		128	115	96	75	58	42						
VX351F-15-21	15	11	20,9			200		172	153	131	110	84	58						
VX501F-3-4	3	2,2	5,4			41			31	27	23	20	16	11	2				
VX501F-5,5-6	5,5	4	8,9			63			50	45	41	35	29	23	8				
VX501F-7,5-9	7,5	5,5	12,5			93			77	71	63	55	47	37	15				
VX501F-10-12	10	7,5	15,9			123			105	98	86	74	63	50	21				
VX501F-15-15	15	11	20,6			155			132	121	112	95	83	63	27				
VX801F-7,5-4	7,5	5,5	12,9	UNI278/67 PN16 DN80	50				44	42	38	36	34	29	21	14	5		
VX801F-10-6	10	7,5	17,1		78				72	68	64	62	58	51	41	27	12		
VX801F-15-7	15	11	21,2		95				84	81	77	76	70	63	50	36	25		

Performance **curves**



Pump type	Dimensions						Weight kg
	mm						
	A	B	C	D	E	F	
VX251F-3-6	998	654	90	432	200	200	37
VX251F-5,5-10	1169	795	90	572	200	200	52,5
VX251F-7,5-16	1524	1034	90	781	260	260	72,5
VX251F-10-23	1770	1280	90	991	260	260	85,5
VX351F-3-5	979	635	90	412	200	200	36,5
VX351F-5,5-9	1061	687	90	564	200	200	52
VX351F-7,5-13	1458	968	90	716	260	260	70
VX351F-10-18	1650	1160	90	905	260	260	81,5
VX351F-15-21	1790	1270	90	1019	260	260	96,5
VX501F-3-4	949	605	90	383	200	200	36
VX501F-5,5-6	1058	684	90	462	200	200	49,5
VX501F-7,5-9	1324	834	90	582	260	260	67,5
VX501F-10-12	1445	955	90	702	260	260	77,5
VX501F-15-15	1595	1075	90	821	260	260	92,5
VX801F-7,5-4	1270	780	150	583	260	260	79
VX801F-10-6	1440	950	150	682	260	260	81,5
VX801F-15-7	1540	1020	150	754	260	260	95

