

## LNx251F - LNx351F - LNx501F

### Applications

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

### Features

- Compact in-line multistage vertical electric pumps; 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 30 m<sup>3</sup>/h nominal capacities.

**On request pump realized in stainless steel AISI 316.**



### 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/V1, adapted for the vertical position.

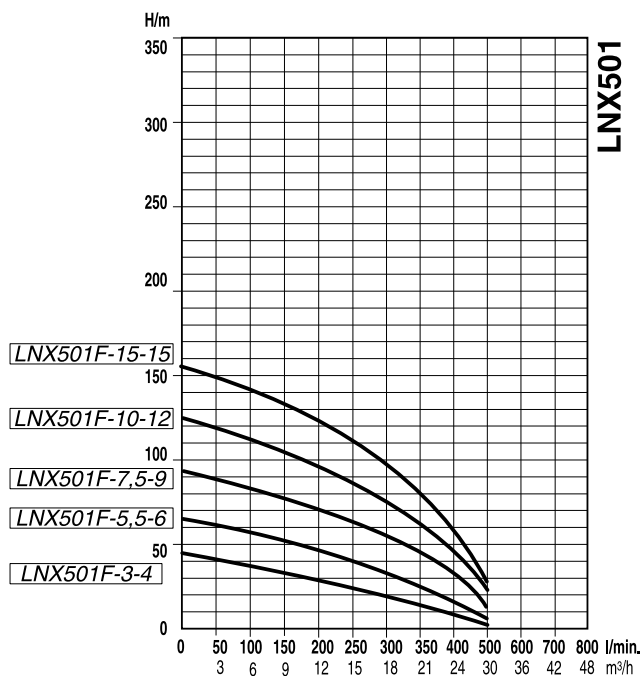
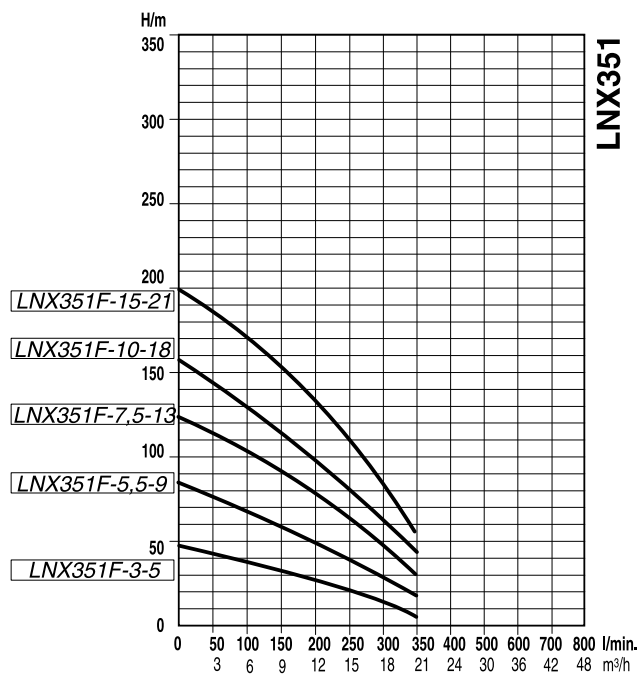
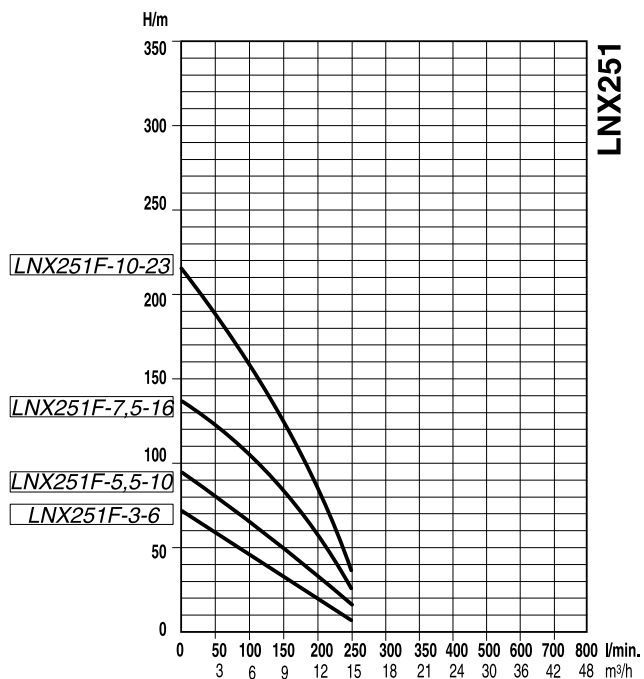
### Operating conditions

- 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 <sup>3</sup> /h	0	50	100	150	200	250	300	350	400	500
						0	3	6	9	12	15	18	21	24	30
LNX251F-3-6	3	2,2	4,8	UNI2278/67 PN16 DN50	Manometric head (meters)	54	43	40	27	18	6				
LNX251F-5,5-10	5,5	4	8,7			93	76	66	49	32	14				
LNX251F-7,5-16	7,5	5,5	12,3			138	118	106	82	53	26				
LNX251F-10-23	10	7,5	15,8			212	183	160	124	87	37				
LNX351F-3-5	3	2,2	4,9			46		36	32	25	20	12	6		
LNX351F-5,5-9	5,5	4	9,1			82		65	58	50	39	29	18		
LNX351F-7,5-13	7,5	5,5	13,1			121		102	92	75	64	48	30		
LNX351F-10-18	10	7,5	16,5			158		128	115	96	75	58	42		
LNX351F-15-21	15	11	20,9			200		172	153	131	110	84	58		
LNX501F-3-4	3	2,2	5,4			41			31	27	23	20	16	11	2
LNX501F-5,5-6	5,5	4	8,9			63			50	45	41	35	29	23	8
LNX501F-7,5-9	7,5	5,5	12,5			93			77	71	63	55	47	37	15
LNX501F-10-12	10	7,5	15,9			123			105	98	86	74	63	50	21
LNX501F-15-15	15	11	20,6			155			132	121	112	95	83	63	27

Performance **curves**



Pump type	Dimensions					Weight
	mm					
	A	B	C	E	F	kg
LNx251F-3-6	344	594	90	200	200	37,5
LNx251F-5,5-10	374	734	90	200	200	53
LNx251F-7,5-16	490	973	90	260	260	68,5
LNx251F-10-23	490	1217	90	260	260	81,5
LNx351F-3-5	344	574	90	200	200	40,5
LNx351F-5,5-9	374	726	90	200	200	55
LNx351F-7,5-13	490	907	90	260	260	69,5
LNx351F-10-18	490	1097	90	260	260	81,5
LNx351F-15-21	520	1210	90	260	260	95,5
LNx501F-3-4	344	544	90	200	200	38,5
LNx501F-5,5-6	374	624	90	200	200	52
LNx501F-7,5-9	490	774	90	260	260	65,5
LNx501F-10-12	490	894	90	260	260	75,5
LNx501F-15-15	520	1013	90	260	260	89,5

