

## X251 - X351 - X501 - X801



### Applications

Raising water from deep wells, civil and industrial raising systems, rain and running irrigation, fire fighting systems, aqueducts.

### Features

- External pump case, head, delivery body, suction, shaft, impellers and diffusers are in stainless steel.
- The check valve is in stainless steel and is fitted inside the head.
- Motor coupling meets Nema standards.

### Motor

- 2 poles asynchronous motor, 50 Hz, 2850 rpm.
- Insulation in F class.
- IP 68 protection.
- Working voltage: three-phase 400 V.

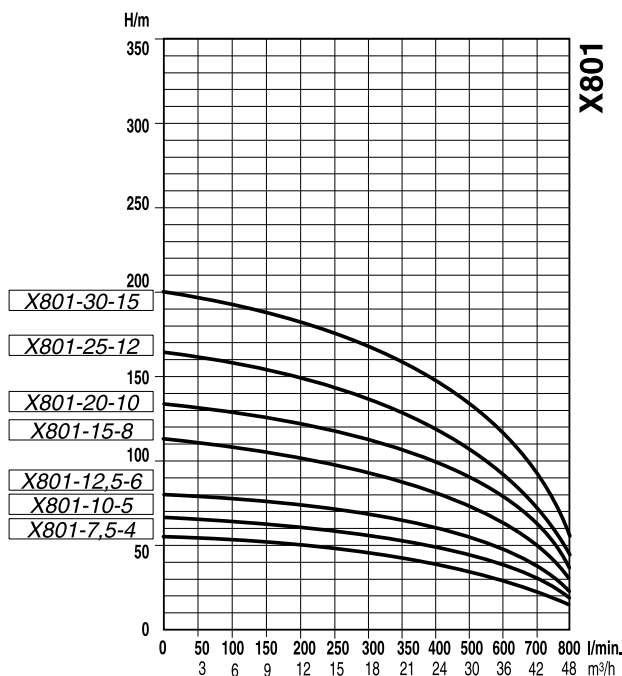
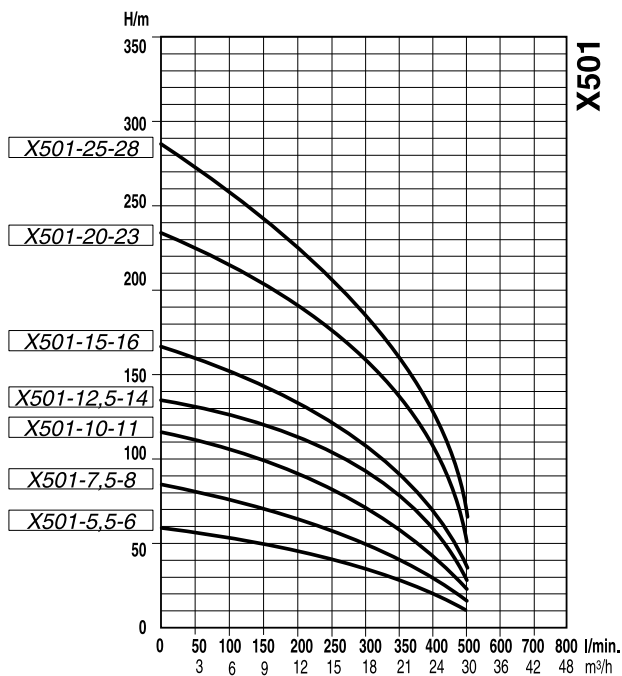
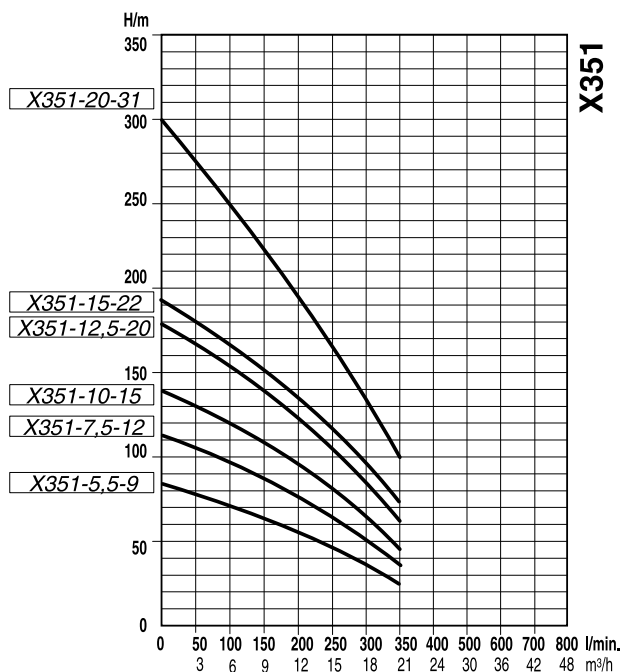
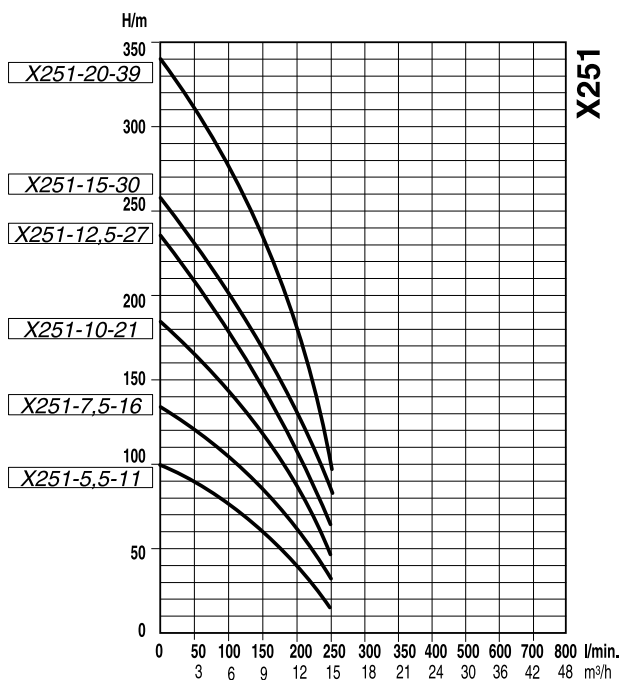
### Operating conditions

- Pumped liquid: clean water, non aggressive, without solid particles.
- The pump should never operate in dry conditions.
- Pump body always completely submerged.
- Water temperature: from 5 °C to 30 °C.
- Vertical operating position.
- Maximum number of starts per hour: 20.

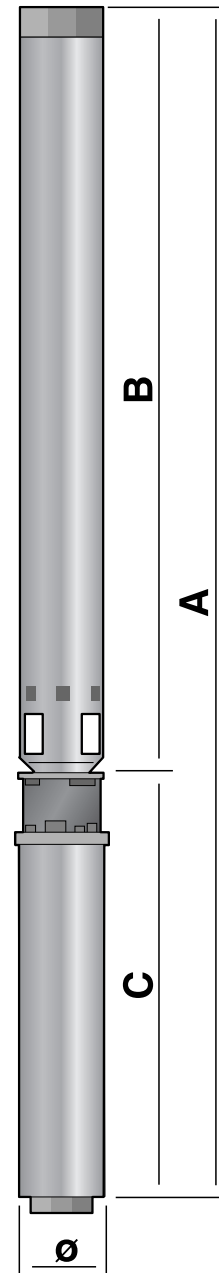
## Specifications

Pump type	Motor		Max current	Outlet Ø	Flow rate														
	HP	kW			T. 400V	l/min	0	50	100	150	200	250	300	350	400	500	600	700	800
			m <sup>3</sup> /h			0	3	6	9	12	15	18	21	24	30	36	42	48	
X251-5,5-11	5,5	4	9,6	3"	Manometric head (meters)	100	88	80	62	40	15								
X251-7,5-16	7,5	5,5	12,6			141	125	112	86	58	31								
X251-10-21	10	7,5	16,1			185	164	147	120	82	48								
X251-12,5-27	12,5	9,3	20,7			235	197	190	150	102	65								
X251-15-30	15	11	23,7			258	228	204	171	120	82								
X251-20-39	20	15	31,7			340	305	277	227	163	98								
X351-5,5-9	5,5	4	9,8			82		69	63	57	45	33	25						
X351-7,5-12	7,5	5,5	12,8			112		98	88	75	64	52	37						
X351-10-15	10	7,5	16			140		120	110	95	82	65	48						
X351-12,5-20	12,5	9,3	21,7			180		154	140	121	103	80	61						
X351-15-22	15	11	24,3			191		168	152	134	116	100	71						
X351-20-31	20	15	32			300		255	230	192	164	132	100						
X501-5,5-6	5,5	4	9,3			60			50	46	41	35	30	23	10				
X501-7,5-8	7,5	5,5	12,2			85			70	64	58	52	44	34	16				
X501-10-11	10	7,5	16,3			114			96	92	82	72	60	50	22				
X501-12,5-14	12,5	9,3	20,8			143			122	115	105	95	79	63	28				
X501-15-16	15	11	24			169			144	132	122	106	93	73	35				
X501-20-23	20	15	32,8			232			204	191	178	156	136	112	50				
X501-25-28	25	18,5	39,7			288			246	233	212	185	158	132	64				
X801-7,5-4	7,5	5,5	15			53					47	45	42	40	36	30	22	13	
X801-10-5	10	7,5	17,6			66					58	55	53	50	44	37	27	16	
X801-12,5-6	12,5	9,3	20,4			80					70	68	64	61	55	46	36	20	
X801-15-8	15	11	25			106					94	90	86	82	73	63	48	30	
X801-20-10	20	15	32,5			132					116	112	107	102	90	77	58	36	
X801-25-12	25	18,5	40			162					142	135	130	122	106	90	66	43	
X801-30-15	30	22	49			200					187	165	157	149	132	110	75	54	

# Performance curves



Pump type	Dimensions				Weight	
	mm				kg	
	A	B	C	∅	B	A
X251-5,5-11	1324	740	584	147	15,9	54
X251-7,5-16	1526	910	616	147	20,5	62
X251-10-21	1721	1073	648	147	24,4	70
X251-12,5-27	1956	1275	681	147	28,8	77
X251-15-30	2082	1370	712	147	31,5	83
X251-20-39	2393	1616	777	147	38,8	96
X351-5,5-9	1304	720	584	147	15	53
X351-7,5-12	1449	833	616	147	18	60
X351-10-15	1596	948	648	147	21	67
X351-12,5-20	1821	1140	681	147	25	73
X351-15-22	1927	1215	712	147	26,4	78
X351-20-31	2333	1556	777	147	34	91
X501-5,5-6	1189	605	584	147	13	51
X501-7,5-8	1299	683	616	147	14	56
X501-10-11	1443	795	648	147	17	63
X501-12,5-14	1591	910	681	147	20,5	68
X501-15-16	1697	985	712	147	21,5	73
X501-20-23	2030	1253	777	147	27	84
X501-25-28	2281	1440	841	147	32	95
X801-7,5-4	1286	670	616	147	15	57
X801-10-5	1393	745	648	147	17	63
X801-12,5-6	1491	810	681	147	19	67
X801-15-8	1672	960	712	147	23	74
X801-20-10	1877	1100	777	147	26,5	83
X801-25-12	2081	1240	841	147	30,5	94
X801-30-15	2368	1460	908	147	36,5	106



- A Electric pump
- B Hydraulic part
- C Motor