

# XZS50 Stainless steel centrifugal pump monobloc

## Application

- The XZS standardized monobloc centrifugal pump is a new generation of centrifugal pump dedicated to conveying water and various industrial fluids. This pump is suitable for various temperatures, flow rates and pressures. It is manufactured using advanced technologies.
- Drinking water supply, filtration and overpressure of water.
- Industrial pressurization, flow dampening system, cleaning system
- Transport of industrial liquids, hot water supply, condensing system, cooling system, air conditioning system.
- Water treatment, water distillation system, separator, swimming pool
- Irrigation
- Petrochemical and medical industries, etc ...

## Pompe

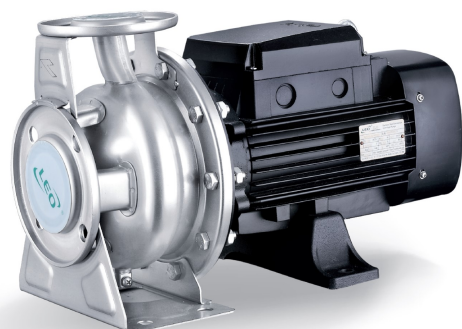
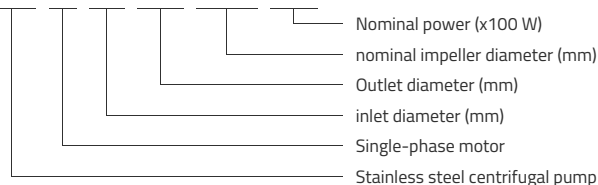
- Conditions of use: Clear, non-flammable and non-explosive liquid, without particles or fibers
- Liquid temperature: from -15°C to +90°C
- Nominal flow entre 0.7 and 132 m³/h
- HMT between 9 and 58 m
- pH between 3 and 9
- Carbon / SiC / NBR mechanical seal

## Moteur

- Protection class: IP55
- Maximum ambient temperature: +40°
- Maximum working pressure: 10 bars

## Identification codes

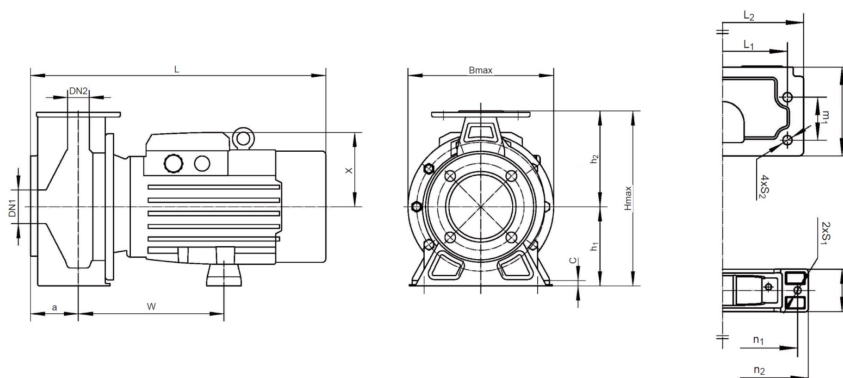
**XZS m 50 -32 -160 /40**



## Technical data

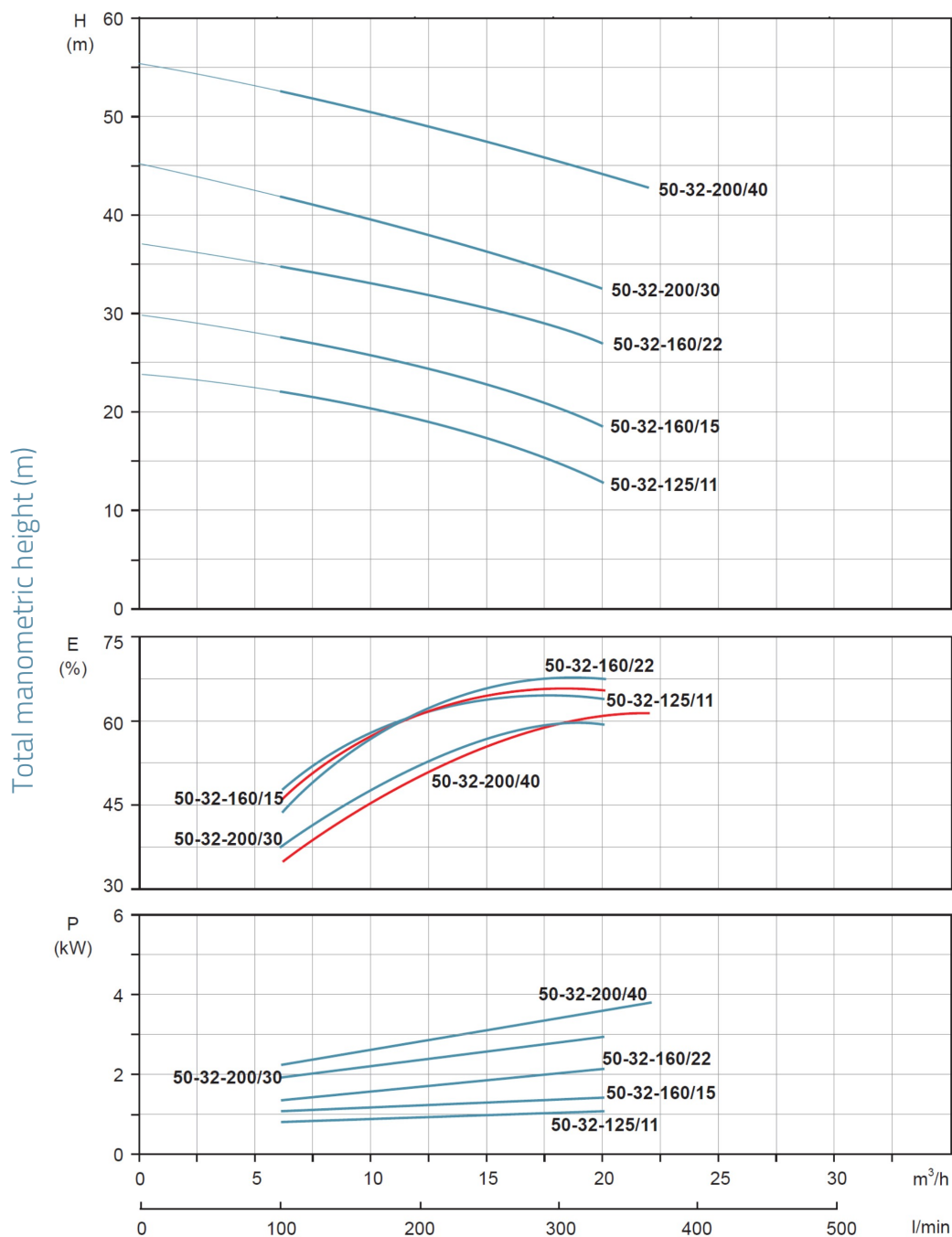
MODEL	kW	Q (m³/h)	0	6	9	12	18	20	22
		Q (l/min)	0	100	150	200	300	333	367
XZS50-32-125/11	1.1	24	21.5	20.5	19.5	16	13		
XZS50-32-160/15	1.5	29.5	27	26	25	21	18		
XZS50-32-160/22	2.2	37	33.5	32.5	32	28.5	27		
XZS50-32-200/30	3	45	41	40	38	34	32		
XZS50-32-200/40	4	55	51	50	49	46	45	43	

## Dimensions



MODEL	DN1	DN2	a	w	L1	L2	m1	m2	n1	n2	h1	h2	S1	S2	B	C	X	Bmax	Hmax	L
XZS50-32-125/11	50	32	80	205	140	190	70	122	205	240	112	140	12	15	65	12	127	240	250	475
XZS50-32-160/15	50	32	80	207	190	240	70	122	205	240	132	160	12	15	65	12	127	244	292	477
XZS50-32-160/22	50	32	80	207	190	240	70	122	205	240	132	160	12	15	65	12	127	244	292	477
XZS50-32-200/30	50	32	80	244	190	240	70	124	225	260	160	180	12	15	75	15	124	295	340	492
XZS50-32-200/40	50	32	80	244	190	240	70	124	225	260	160	180	12	15	75	15	124	295	340	492

## Hydraulic performance



## Exploded view

No.	Type	Materials
1	Pump body	austenitic stainless steel
2	Impeller	austenitic stainless steel
3	O-ring	nitrile rubber (NBR)
4	Lantern	cast iron HT200
5	Oil seal	
6	Bearing	
7	Rotor	
8	Base	cast iron HT200
9	Bearing	
10	Oil seal	
11	Fan	polypropylene
12	Fan cover	Ø8F steel
13	Rear cover	cast aluminum ZL102
14	Nameplate	austenitic stainless steel
15	Stator	
16	Electric box cover	cast aluminum ZL102
17	Terminal board	
18	Cable gland	
19	Pump bottom	austenitic stainless steel
20	Mechanical seal	silicon carbide / graphite

