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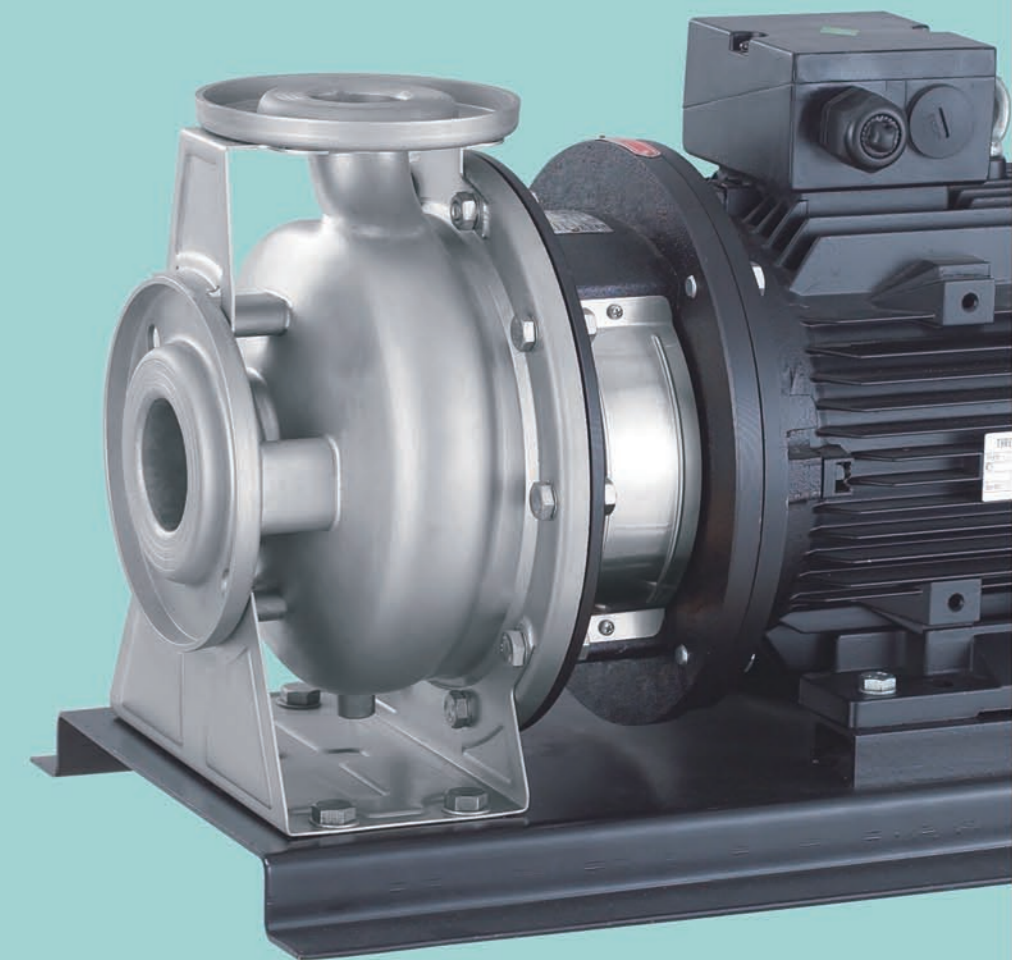


Love Each Other

STAINLESS STEEL STANDARD CENTRIFUGAL PUMPS

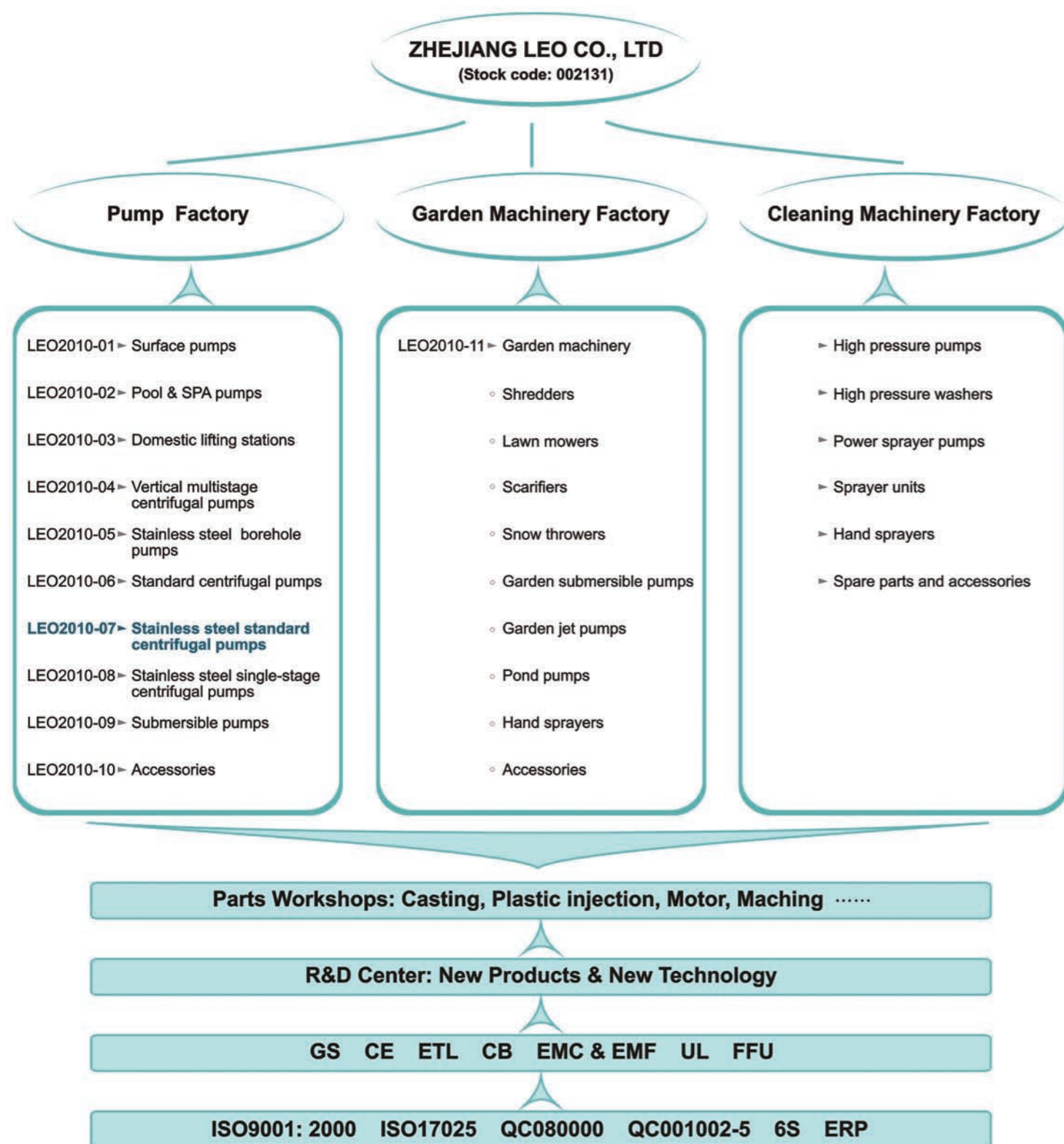
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COMPANY PROFILE



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FEATURES

XZS stainless steel standard centrifugal pump is made by using advanced techniques such as pressing bulging welding for corrosion resistant plate. It is a new generation centrifugal pump initiated in China and may replace traditional IS pump and common corrosion proof pump.

- Nice appearance
- Lightweight and handy structure
- High efficiency & energy saving
- Light anti-corrosive
- Low noise



APPLICATIONS

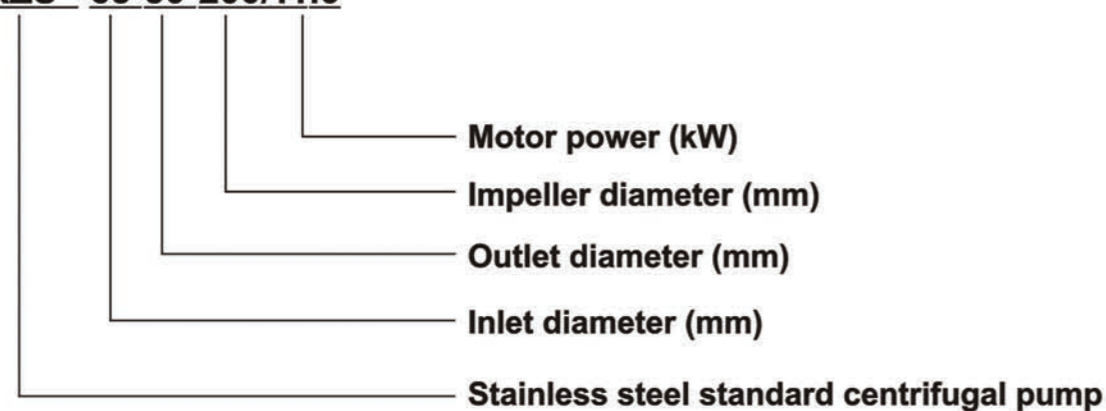
XZS stainless steel standard centrifugal pumps are a sort of multifunction product with wide applications. They may transmit various mediums including water or industrial liquid, and are suitable for different temperatures, flow rates and pressure ranges.

Typical application as the following:

- Water supply: filtration in water works, transportation and subarea water carriage, pressurization of main duct
- Industrial pressurization: flow wetting system, cleaning system
- Transportation of industrial liquid: boiler water supply, condensed system, cooling & air conditioning system, machine tool support, light acid and alkali transportation
- Water treatment: distilled water system or separator, swimming pool, etc.
Farm irrigation, petrochemical industry, medicine and sanitation, etc.

IDENTIFICATION CODES

XZS 65-50-200/11.0



OPERATING CONDITIONS

- Thin, clean, non-flammable and explosive, not containing the liquid with solid particles and fibers
- Liquid temperature: -20℃~+100℃
- Ambient temperature: up to +40℃
- Altitude: up to 1000m
- Max. Pressure of the system: 10bar

MOTOR

- TEFC motor, 2-pole
- Protection class: IP55
- Insulation class: F
- Standard voltage: 50Hz, 1×220V, 3×380V×220V

INSTALLATION REQUIREMENTS

The pump and the shaft of XZS stainless steel standard centrifugal pumps are joined directly. It is comprised of pump, pump shaft and standard motor.

- The pump shall be installed on the ventilating and anti-freezing place.
- The installation of the pump shall ensure that the pump will not be influenced by the tension of the pipeline.
- If the pump is installed outdoors, a suitable outer cover must be equipped to prevent electric components from water inflow or dew.
- To facilitate inspection and maintenance, enough space must be left around the pump unit.
- Electric wiring device guarantees that the pump will not be damaged by lack of phase, unstable voltage, current leakage and overload.
- The pump shall be installed on the pedestal horizontally. Horizontal direction is the inlet for the pump, and vertical direction is the outlet for the pump.

GUIDELINES TO PERFORMANCE CURVES

- Tolerance to ISO 9906, Annex A.
- All curves have been made with 3×380V and the constant speed of 2850rpm.
- Measurements have been made with airless water at a temperature of 20℃ and kinematic viscosity of 1mm²/s.
- Refer to the performance range for the operation of the pump to prevent the motor from overloading caused by too large of a flow rate.

CROSS SECTION

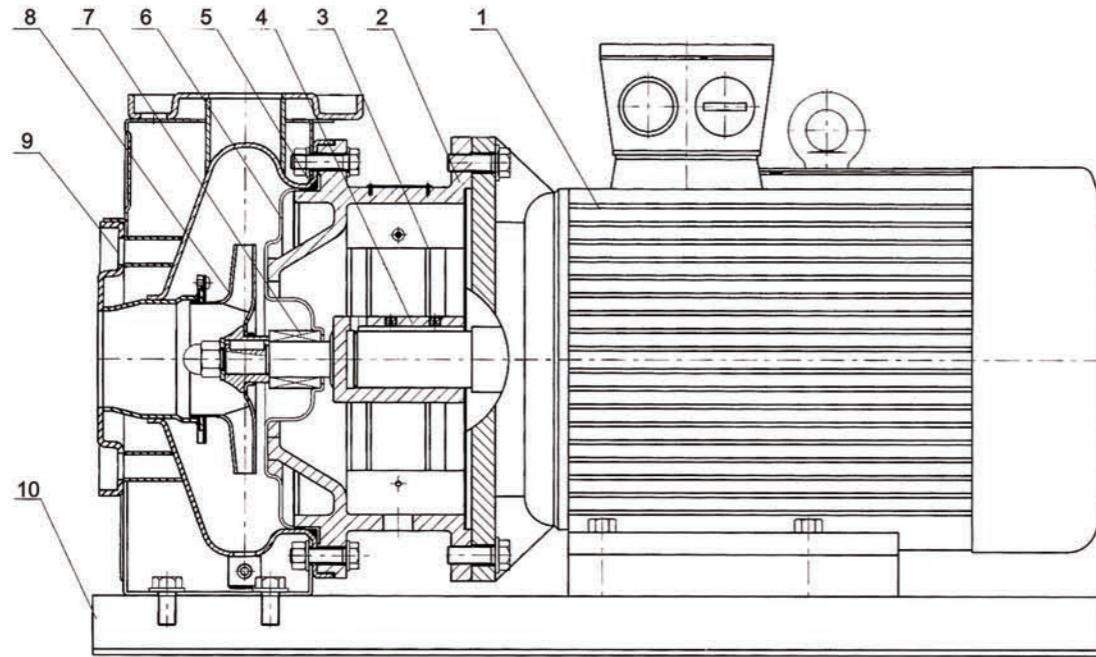
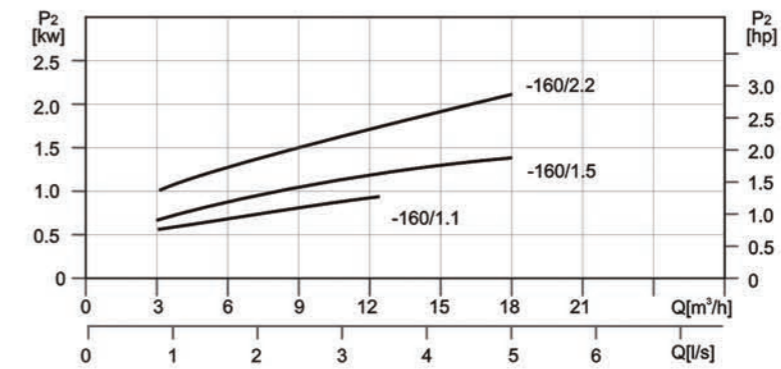
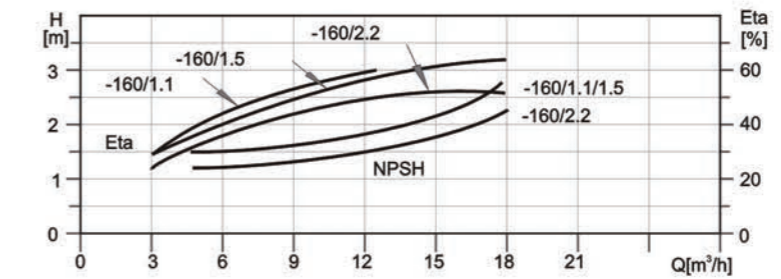
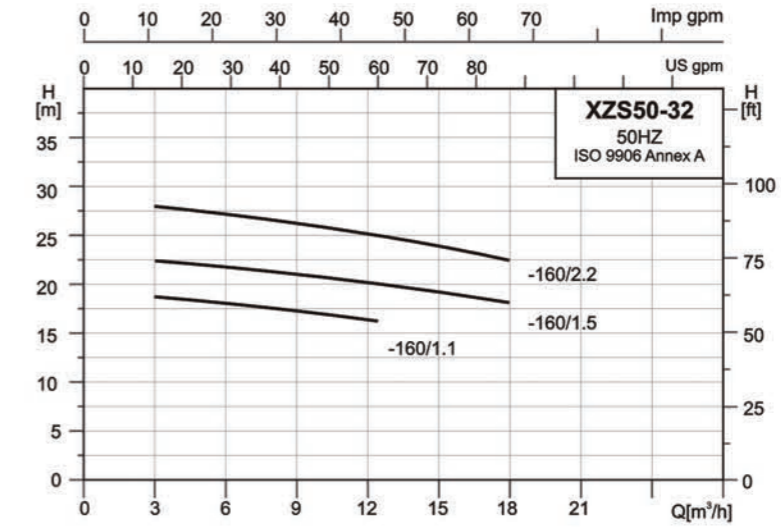


TABLE OF MATERIALS

PART	MATERIAL	REFERENCE STANDARD
1	Motor	
2	Pump head	HT200 ASTM25B
3	Guarding plate	0Cr18Ni9 AISI304
4	Shaft	2Cr13/0Cr18Ni9 AISI420/AISI304
5	Rubber parts	NBR
6	Lining of pump head	0Cr18Ni9 AISI304
7	Mechanical seal	Carbon/Silicon Carbide
8	Impeller	0Cr18Ni9 AISI304
9	Pump body	0Cr18Ni9 AISI304
10	Base plate	Q235 ASTMA570

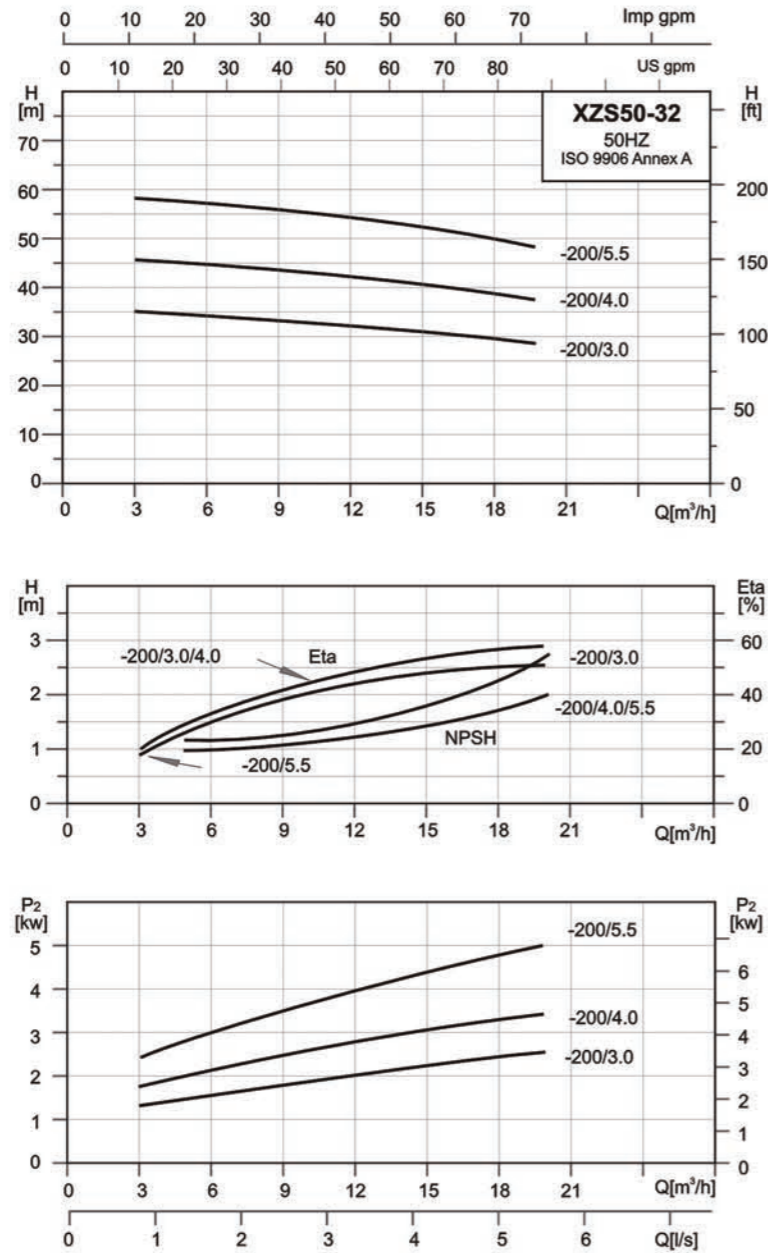
HYDRAULIC PERFORMANCE CURVES



HYDRAULIC PERFORMANCE DATA

MODEL	POWER (kW)	Q (m³/h)	3	6.3	9	12.5	15	18
			H(m)					
XZS50-32-160/1.1	1.1		18.7	18	17.2	16.4		
XZS50-32-160/1.5	1.5		22.5	22	21	20	19	18
XZS50-32-160/2.2	2.2		28	27	26.3	25	24	22.5

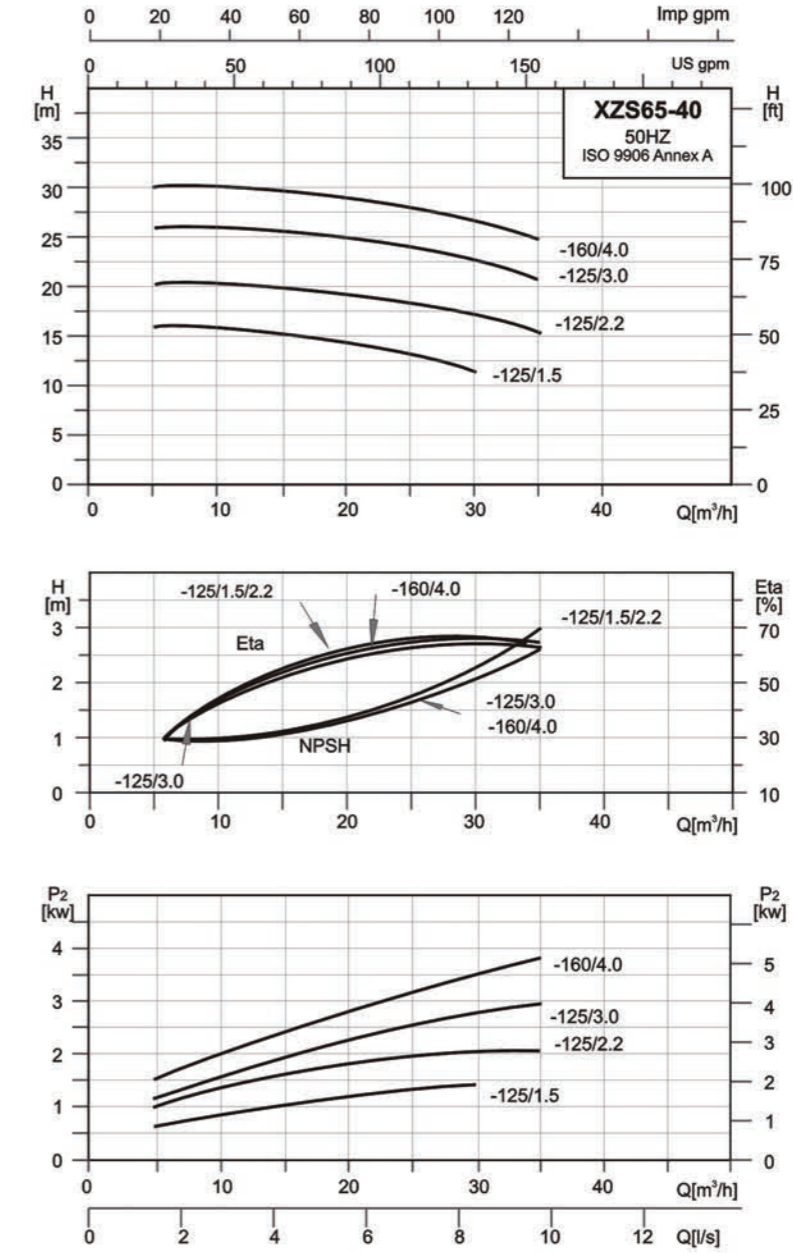
HYDRAULIC PERFORMANCE CURVES



HYDRAULIC PERFORMANCE DATA

MODEL	POWER (kW)	Q (m³/h)	H(m)						
			3	6.3	9	12.5	15	18	20
XZS50-32-200/3.0	3.0	H(m)	34.9	34.1	33.3	32	31	29.8	28.9
XZS50-32-200/4.0	4.0	H(m)	45.7	44.8	43.7	42	40.7	39	37.7
XZS50-32-200/5.5	5.5	H(m)	58.5	57.2	56	54	52.5	50	48.5

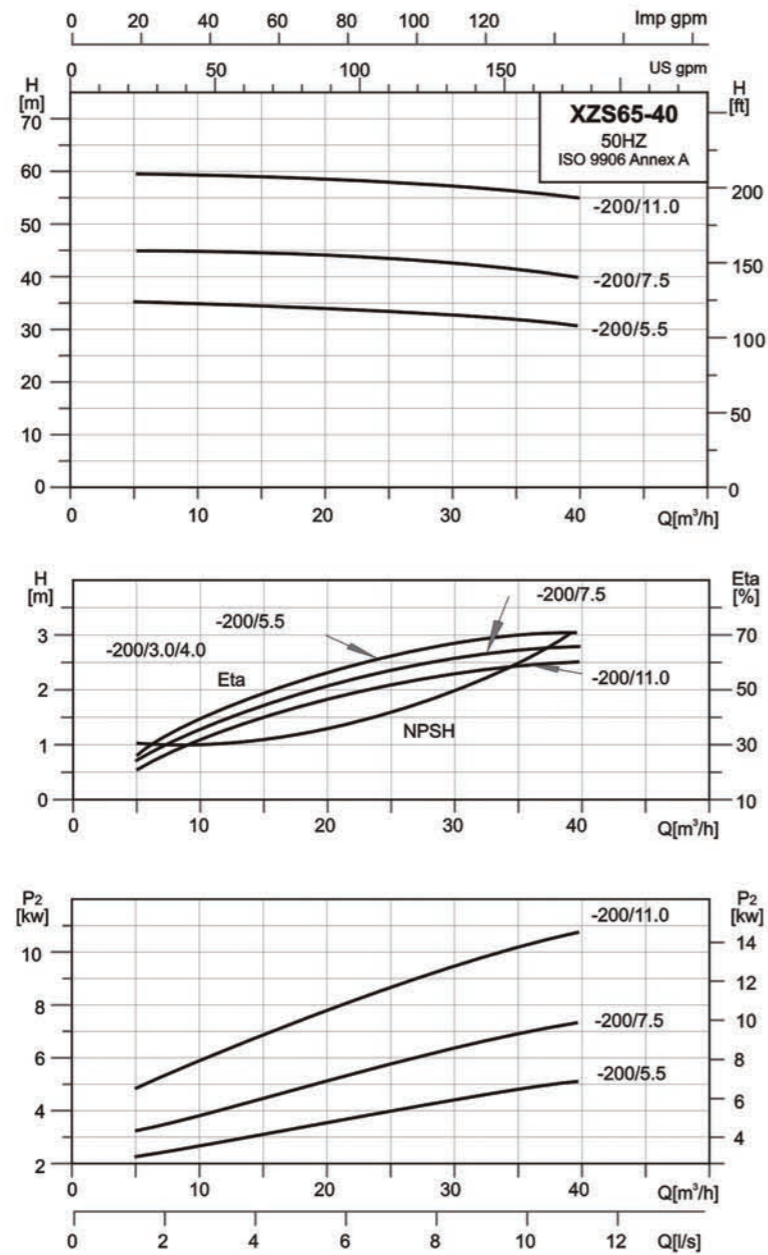
HYDRAULIC PERFORMANCE CURVES



HYDRAULIC PERFORMANCE DATA

MODEL	POWER (kW)	Q (m³/h)	H(m)						
			5	10	15	20	25	30	35
XZS65-40-125/1.5	1.5	H(m)	15.5	15.4	15	14.4	13	11.3	
XZS65-40-125/2.2	2.2	H(m)	20	19.7	19.5	19	18	16.7	15.2
XZS65-40-125/3.0	3.0	H(m)	25.7	25.3	25.1	24.8	24	22.3	20.3
XZS65-40-160/4.0	4.0	H(m)	30	29.7	29.3	28.9	28	26.5	24.5

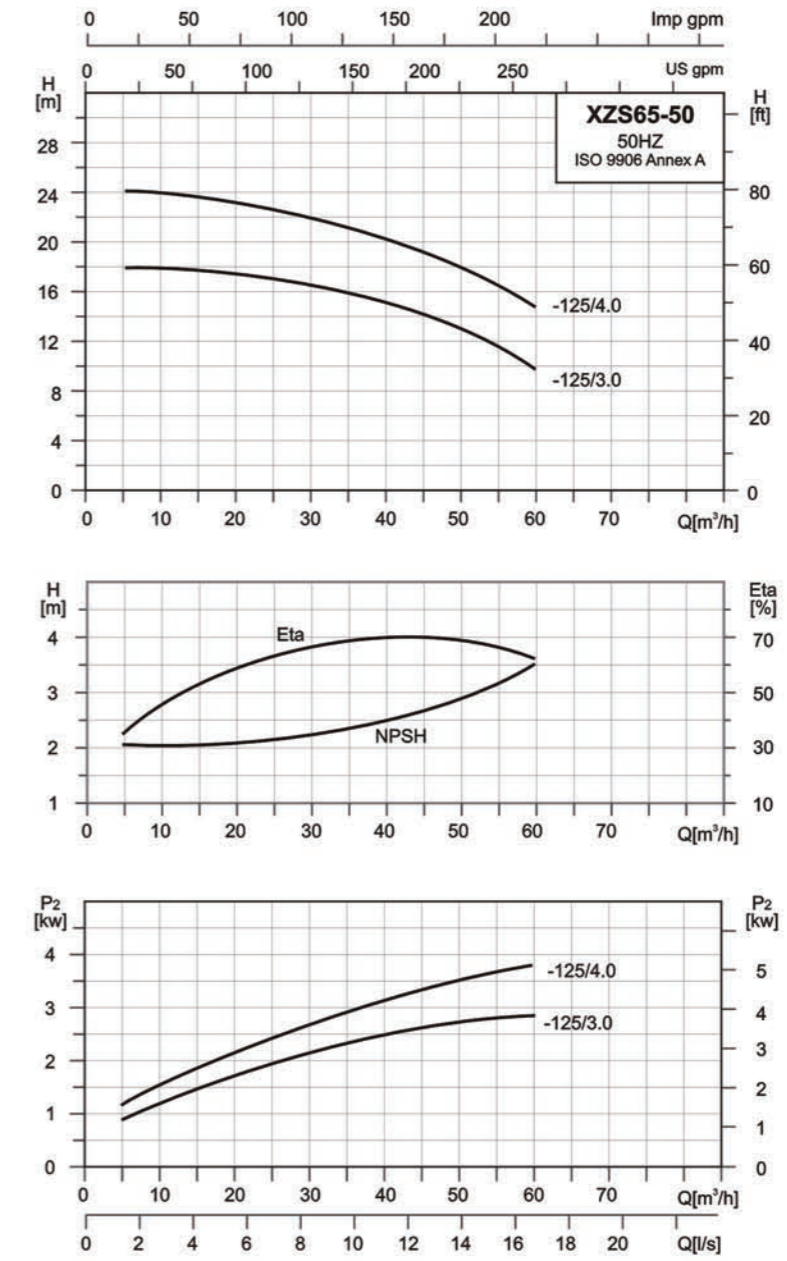
HYDRAULIC PERFORMANCE CURVES



HYDRAULIC PERFORMANCE DATA

MODEL	POWER (kW)	Q (m³/h)	Q (m³/h)							
			5	10	15	20	25	30	35	40
XZS65-40-200/5.5	5.5	H(m)	37.4	37.2	36.7	36.4	36	35.5	34.6	33.3
XZS65-40-200/7.5	7.5		48	47.5	47	46.6	46	45.2	44.5	43.3
XZS65-40-200/11.0	11		64	63.5	63	62.5	62	61.5	60.5	59

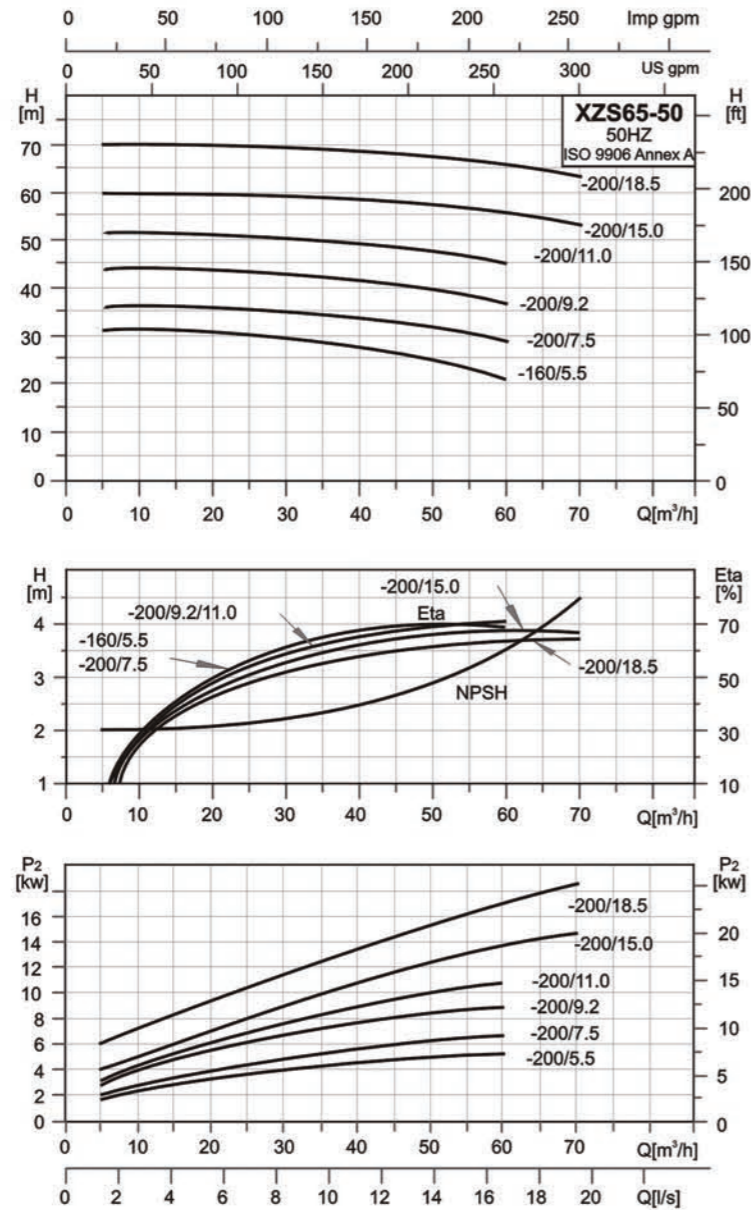
HYDRAULIC PERFORMANCE CURVES



HYDRAULIC PERFORMANCE DATA

MODEL	POWER (kW)	Q (m³/h)	Q (m³/h)						
			5	10	20	30	40	50	60
XZS65-50-125/3.0	3	H(m)	18	17.8	17.2	16.4	15.1	13	10
XZS65-50-125/4.0	4		24.2	24.2	23.6	23.6	20.7	18	14.8

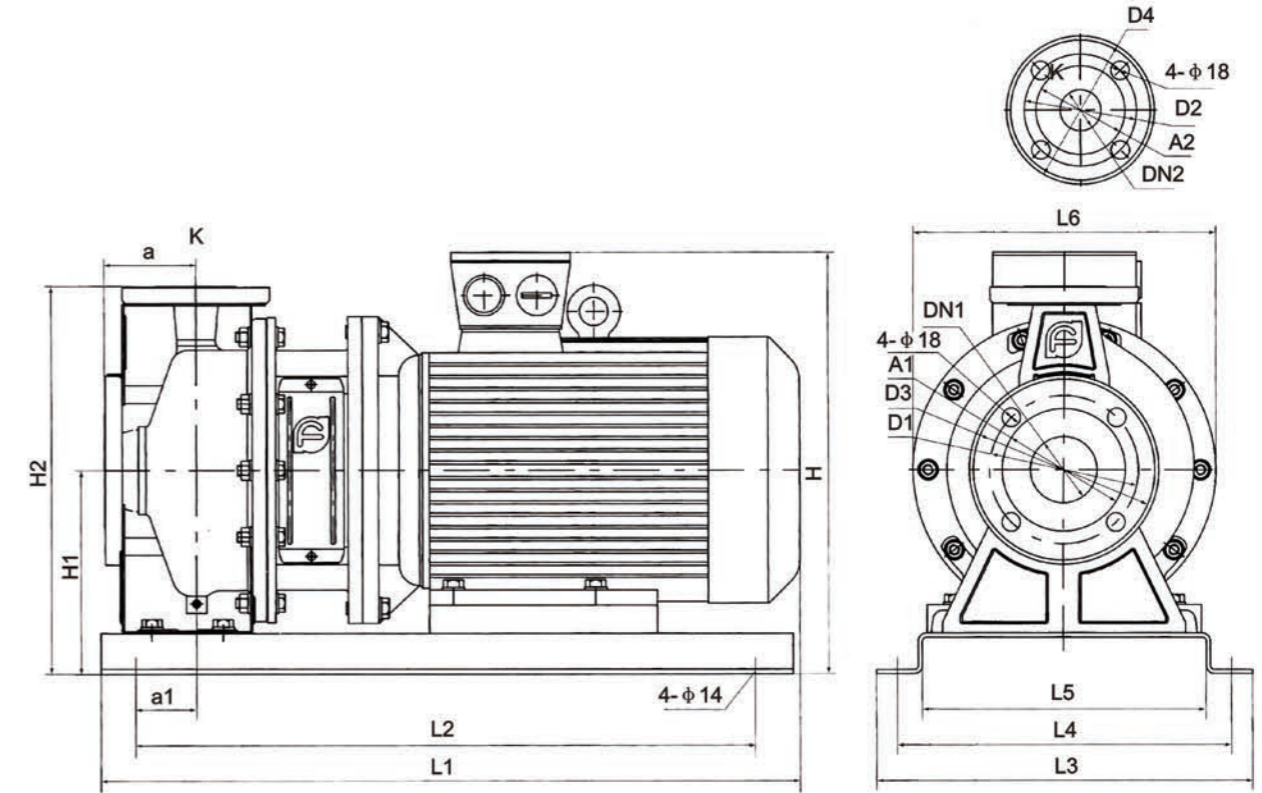
HYDRAULIC PERFORMANCE CURVES



HYDRAULIC PERFORMANCE DATA

MODEL	POWER (kW)	Q (m³/h)	H(m)							
			5	10	20	30	40	50	60	70
XZS65-50-160/5.5	5.5	H(m)	31.6	31.5	31	30	28	25	21.5	
XZS65-50-200/7.5	7.5		36.9	36.6	36.4	35.6	34.1	32	29.6	
XZS65-50-200/9.2	9.2		43.5	43.5	43.5	43	42	40	37.5	
XZS65-50-200/11.0	11		51.5	51.5	51	50	49.3	48	45.6	
XZS65-50-200/15.0	15		59.7	59.7	59.6	59.5	59	58	56.2	53
XZS65-50-200/18.5	18.5		70.2	70.2	70.1	70	69.1	68	66.4	64

INSTALLATION SKETCH



INSTALLATION DIMENSIONS

MODEL	SIZE(mm)																WEIGHT (kg)			
	DN1	DN2	A1	A2	D1	D2	D3	D4	a	a1	H	H1	H2	L1	L2	L3		L4	L5	L6
XZS50-32-160/1.1	50	32	98	75	125	100	160	139	80	32	290	152	290	470	370	280	240	192	210	31
XZS50-32-160/1.5	50	32	98	75	125	100	160	139	80	46	307	152	296	500	430	280	240	192	210	37
XZS50-32-160/2.2	50	32	98	75	125	100	160	139	80	46	307	152	296	500	430	280	240	192	210	39
XZS50-32-200/3.0	50	32	98	75	125	100	160	139	84	42	370	200	386	550	460	330	290	242	300	53
XZS50-32-200/4.0	50	32	98	75	125	100	160	139	84	47	393	200	286	560	480	330	290	242	300	58
XZS50-32-200/5.5	50	32	98	75	125	100	160	139	84	50	413	200	386	660	580	370	330	280	300	77
XZS65-40-125/1.5	65	40	118	84	145	110	185	145	80	45	307	152	294	502	430	280	240	192	210	33
XZS65-40-125/2.0	65	40	118	84	145	110	185	145	80	45	307	152	294	502	430	280	240	192	210	35
XZS65-40-125/3.0	65	40	118	84	145	110	185	145	80	45	322	152	294	532	460	300	260	212	250	47
XZS65-40-160/4.0	65	40	118	84	145	110	185	145	80	45	345	152	294	557	480	330	290	242	250	52
XZS65-40-200/5.5	65	40	118	84	145	110	185	145	100	50	413	200	380	680	580	370	330	280	300	78
XZS65-40-200/7.5	65	40	118	84	145	110	185	145	100	50	413	200	380	680	580	370	330	280	300	82
XZS65-40-200/11.0	65	40	118	84	145	110	185	145	100	50	456	200	380	790	690	420	380	330	350	161
XZS65-50-125/3.0	65	50	118	98	145	125	185	160	86	45	342	172	338	548	468	330	290	242	250	49
XZS65-50-125/4.0	65	50	118	98	145	125	185	160	86	45	365	172	338	570	490	330	290	242	250	54
XZS65-50-160/5.5	65	50	118	98	145	125	185	160	100	50	413	200	380	680	580	370	330	280	300	78
XZS65-50-200/7.5	65	50	118	98	145	125	185	160	100	50	413	200	380	680	580	370	330	280	300	82
XZS65-50-200/9.2	65	50	118	98	145	125	185	160	100	50	413	200	380	680	580	370	330	280	300	85
XZS65-50-200/11.0	65	50	118	98	145	125	185	160	100	50	456	200	380	790	690	420	380	330	350	161
XZS65-50-200/15.0	65	50	118	98	145	125	185	160	100	50	456	200	380	790	690	420	380	330	350	171
XZS65-50-200/18.5	65	50	118	98	145	125	185	160	100	50	456	200	380	830	730	420	380	330	350	188

REMARK: _____

