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ZW型自吸式排污泵 ZW SELF-PRIMING SEWAGE PUMPS

使用说明书 Working Instruction

ZW型自吸式排污泵简介 Brief Introduction of ZW Self-Priming Sewage Pumps

▶ ZW型自吸式排污泵 ZW Self-Priming Sewage Pumps



ZW型卧式自吸排污泵
(配卧式电机) 机械轴封
ZW Horizontal Self-priming Sewage Pumps
(Fit Horizontal Motor) Mechanical Seal

▶ 特点 Features

- ZW系列自吸式无堵塞排污泵是在反复研究国内外同类技术的基础上开发成功的一种结构新颖的产品;
- 该泵与国内同类产品相比, 具有结构简单、自吸性能好、排污能力强、高效节能、使用维修方便等特点, 在排污泵系列产品中属国内首创。各项技术性能指标居国内领先, 达到国际先进水平, 具有广阔的应用市场和发展前景。
- ZW serial self-priming and non-block sewage pump is a new structure product which is developed on base of reaping study of domestic and foreign similar technology.
- Pump of this kind has features of simple structure、good self-priming performance、high sewage capability、high efficiency and energy saving、convenient usage and maintenance etc compared with domestic similar product, and it belongs to the first creation in the country at sewage pump series. All technology and performance indexes are on top of the nation, reach the international advanced level, so it has the wide application market and developing future.

▶ 用途 Applications

- 该泵集自吸和无堵塞排污于一体, 采用轴向回流外混式, 并通过泵体、叶轮流道的独特设计, 即可象一般自吸清水泵那样不需要安装底阀和灌引水, 又可吸排含有大颗粒固体和长纤维杂质液体, 可广泛适用于市政排污工程、河塘养殖、轻工、造纸、纺织、食品、化工、电业、纤维、浆料和混合悬浮等化工介质最理想的杂质泵;
- This kind of pump combines self-priming and non-block, adopts axial circumfluence outer-mix type. And through the particular design of case、impeller channel、it not only needn't to be fixed with base valve and poured in water like normal self-priming pump, but also can suck and discharge liquid containing big grain and long fibrin substance. So it is widely used in municipal sewage project、river and pond breeding、light industry、paper making、weaving、foodstuff、chemical industry、power industry、fibrin、slurry and mixed suspension etc chemical medium.

▶ 工作条件 Operating Conditions

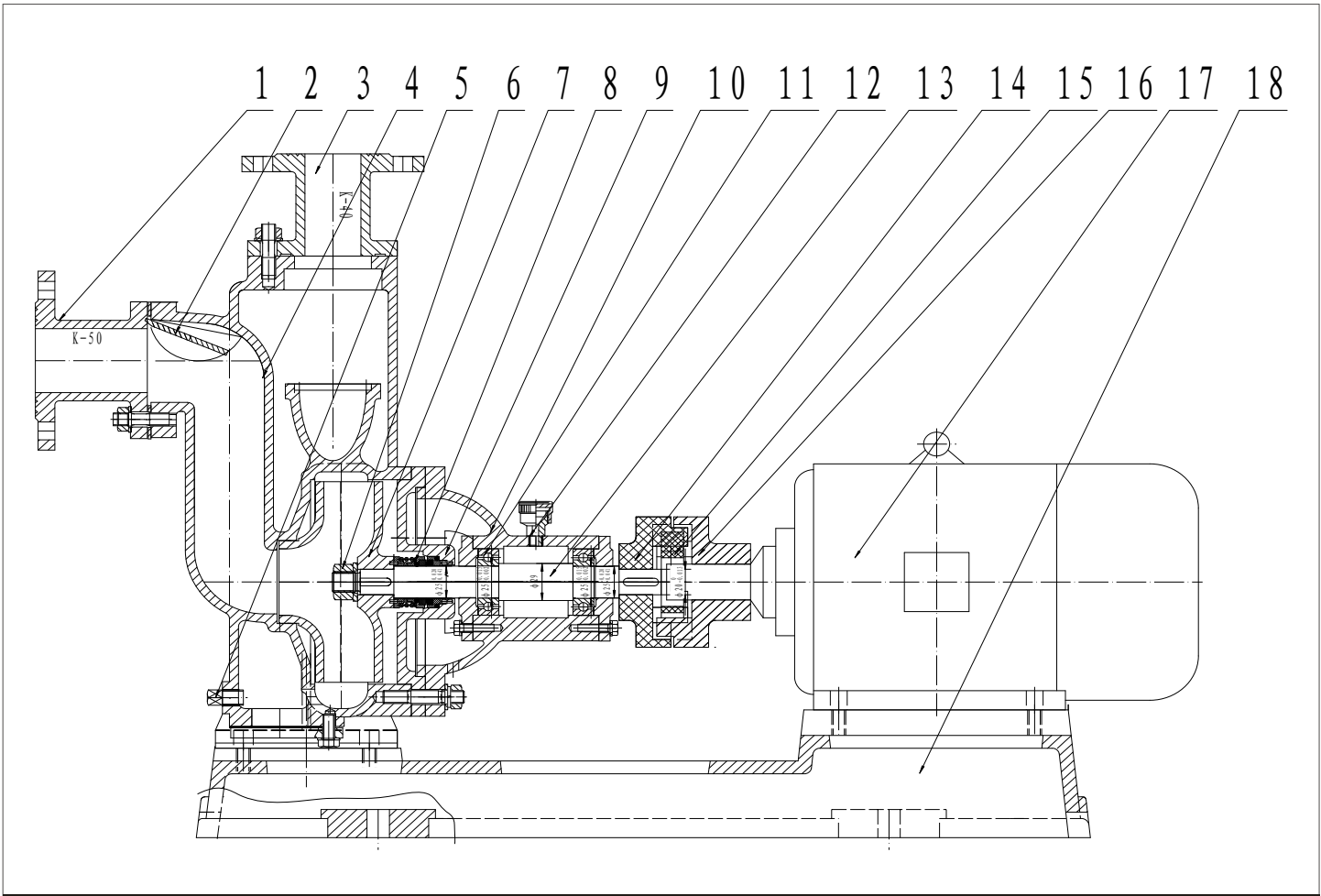
- 环境温度 $\leq 50^{\circ}\text{C}$, 介质温度 $\leq 80^{\circ}\text{C}$, 特殊要求可达 200°C ;
- 介质重度不超过 1240kg/m^3 ;
- 自吸高度不能超过规定值 $4.5\sim 5.5$ 米, 吸入管长度不超过 10 米;
- 通过能力悬浮颗粒直径为泵口径的 60%, 纤维长度为泵口径的 5 倍。
- Surrounding temperature $\leq 50^{\circ}\text{C}$, medium temperature $\leq 80^{\circ}\text{C}$, it can reach 200°C under special requirement;
- Medium consistency should not exceed 1240kg/m^3 ;
- Self-priming height should not exceed the stated number of $4.5\sim 5.5\text{m}$, and the suction pipe should not be over 10 meters long;
- It can pass the suspended grain whose diameter is 60 percent of pump caliber, and the fibrin which is 5 times long of pump Caliber.

▶ 供货范围 Supply Scope

- 水泵、包装及使用说明书。水泵的挠性接头、隔振装置、自动控制装置等可作为附件供货 (附件需另计价)。
注: 特殊温度、压力、强腐蚀性等情形应事先提出, 以便提供更为可靠之产品。
- Pump、packing and specification. Pump flexible joint、vibration-insulation device and automatic control device etc can be provided as accessories(accessories shall be valuated separately).
Note: Cases of special temperature、pressure、high erosion etc should be put forward in advance, so we can provide you more reliable product.

ZW型泵结构图 Structural Drawing of ZW Pumps

结构图 Structural Drawing

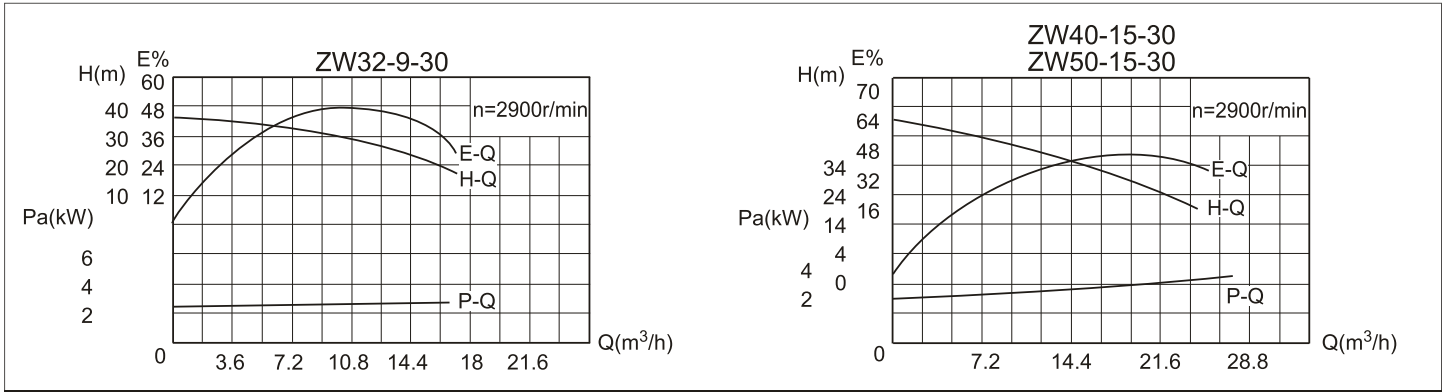


序号 No.	名称 Name	材料 Material	序号 No.	名称 Name	材料 Material	序号 No.	名称 Name	材料 Material	序号 No.	名称 Name	材料 Material
1	进口法兰 Inlet Flange	铸铁/不锈钢 Cast Iron/ Stainless Steel	6	叶 帽 Impeller' Nut	碳钢/不锈钢 Carbon Steel/ Stainless Steel	11	轴 承 Bearing	/	16	电机联轴器 Motor Coupling	铸铁 Cast Iron
2	止回阀片 Check Valve	丁腈橡胶/ 氟橡胶 Buna-N Rubber/ fluororubber	7	叶 轮 Impeller	铸铁/不锈钢 Cast Iron/ Stainless Steel	12	油 杯 Oil Cup	/	17	电 机 Motor	/
3	出口法兰 Outlet Flange	铸铁/不锈钢 Cast Iron/ Stainless Steel	8	机 封 Mechanical Seal	硬质合金机封 Hard Alloy Mechanical Seal	13	泵 轴 Pump' Shaft	碳钢/不锈钢 Carbon Steel/ Stainless Steel	18	底 座 Baseplate	铸铁/碳钢 Cast Iron/ Carbon Steel
4	泵 体 Pump' Body	铸铁/不锈钢 Cast Iron/ Stainless Steel	9	泵 盖 Pump' Cover	铸铁/不锈钢 Cast Iron/ Stainless Steel	14	泵轴联轴器 Pump Coupling	铸铁 Cast Iron			
5	螺 塞 Screw Plug	碳钢/不锈钢 Carbon Steel/ Stainless Steel	10	轴承支架 Bearing Bracket	铸铁 Cast Iron	15	橡胶六角块 Rubber hexagon pcs	橡胶 Rubber			

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

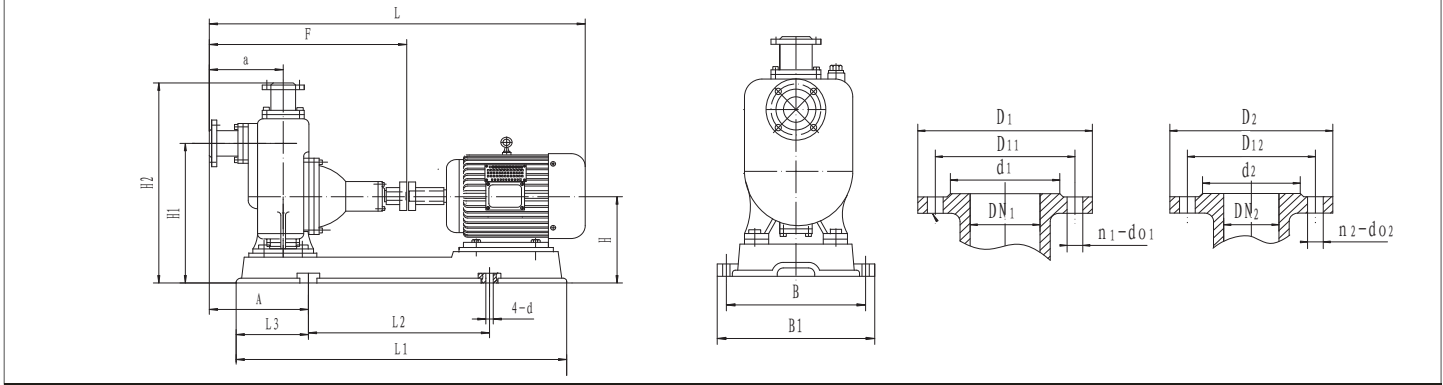
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	Q Capacity m³/h	Head (m)	n/min speed	Efficiency %	Power kW	(NPSH)r (m)	自吸高度 Self-prim- ing Height m	自吸时间 Self-prim- ing time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
泵型号	流量	扬程	转速	效率	电机功率	汽蚀余量	m	min/5m	kg	DN1	D1	D11	d1	b1	n1 × do1	DN2	D2	D12	d2	b2	n2 × do2
25ZW8-15	8	15	2900	45	1.5	2	5.5	3	100	25	100	75	60	14	4-Φ12	25	100	75	60	14	4-Φ12
32ZW5-20	5	20	2900	45	2.2	2.5	5.5	3	100	32	120	90	70	14	4-Φ12	32	120	90	70	14	4-Φ12
32ZW10-15	10	15	2900	45	1.5	2.5	5.5	3	100	32	120	90	70	14	4-Φ12	32	120	90	70	14	4-Φ12
32ZW10-20	10	20	2900	45	2.2	2.5	5.5	3	100	32	120	90	70	14	4-Φ12	32	120	90	70	14	4-Φ12
32ZW20-12	20	12	2900	45	2.2	2.5	5.5	3	100	32	120	90	70	14	4-Φ12	32	120	90	70	14	4-Φ12

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

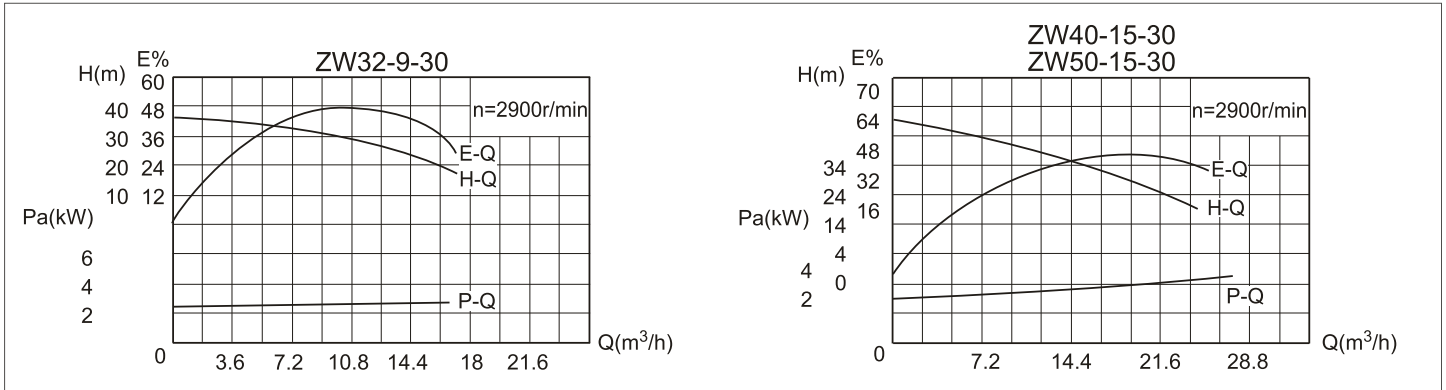


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
25ZW8-15	700	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
32ZW5-20	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
32ZW10-15	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
32ZW10-20	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
32ZW20-12	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

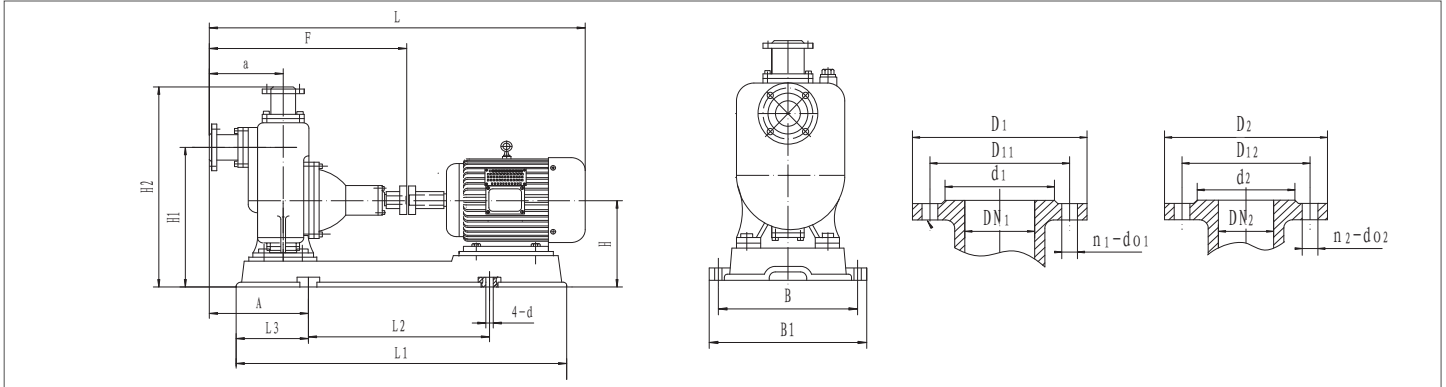
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	Q Capacity m³/h	Head (m)	n/min speed	Efficiency %	Power kW	(NPSH) _r (m)	自吸高度 Self-prim- ing Height m	自吸时间 Self-prim- ing time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
泵型号	流量	扬程	转速	效率	电机功率	汽蚀余量	m	min/5m	kg	DN1	D1	D11	d1	b1	n1 × do1	DN2	D2	D12	d2	b2	n2 × do2
32ZW9-30	9	30	2900	48	3	2.5	5.5	3	120	32	120	90	70	14	4-Φ12	32	120	90	70	14	4-Φ12
40ZW10-15	10	15	2900	45	1.5	2.5	5.5	3	100	40	130	100	80	14	4-Φ14	32	120	90	70	14	4-Φ12
40ZW10-20	10	20	2900	45	2.2	2.5	5.5	3	100	40	130	100	80	14	4-Φ14	32	120	90	70	14	4-Φ12
40ZW20-15	20	15	2900	45	2.2	2.5	5.5	3	100	40	130	100	80	14	4-Φ14	32	120	90	70	14	4-Φ12
40ZW15-30	15	30	2900	48	3	2.5	5.5	3	120	40	130	100	80	14	4-Φ14	32	120	90	70	14	4-Φ12

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

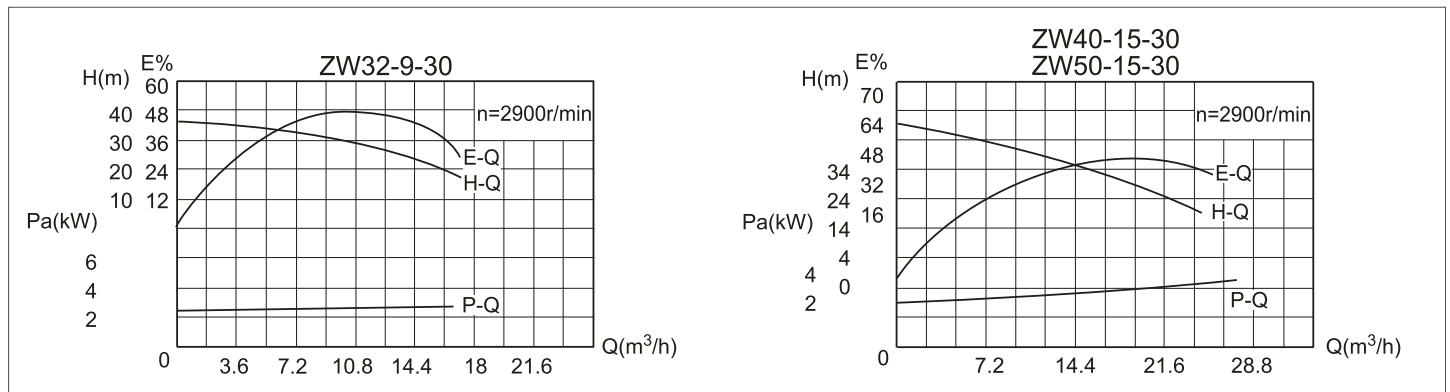


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
32ZW9-30	840	640	365	130	245	215	460	275	315	200	375	535	4-Φ16
40ZW10-15	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
40ZW10-20	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
40ZW20-15	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
40ZW15-30	840	640	365	130	245	215	460	275	315	200	375	535	4-Φ16

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

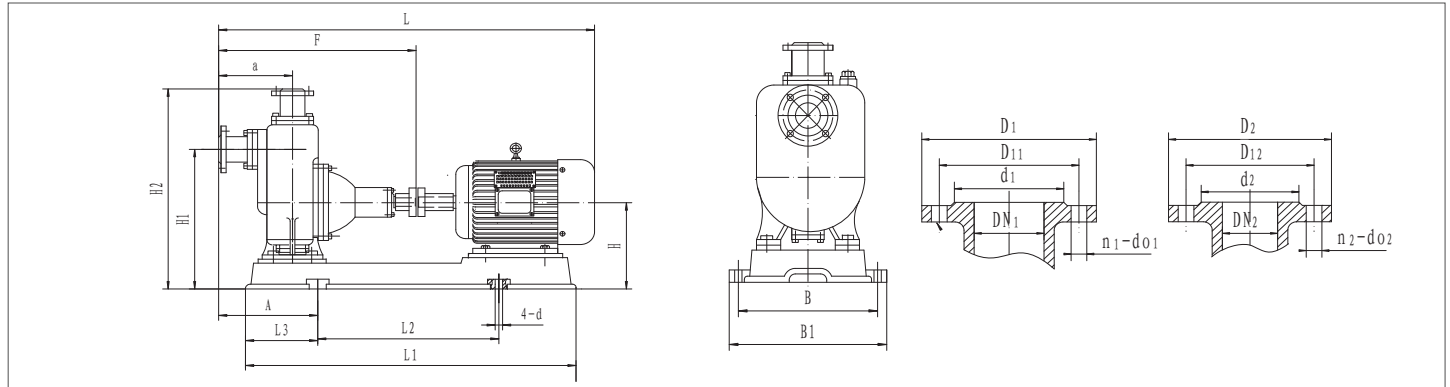
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	Q Capacity m³/h	Head (m)	n/min speed	Efficiency %	Power kW	(NPSH) _r (m)	自吸高度 Self-prim- ing Height m	自吸时间 Self-prim- ing time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
泵型号	流量	扬程	转速	效率	电机功率	汽蚀余量	m	min/5m	kg	DN1	D1	D11	d1	b1	n1 × do1	DN2	D2	D12	d2	b2	n2 × do2
50ZW10-10	10	10	2900	45	1.1	2.5	5.5	3	100	50	140	110	90	14	4-Φ14	40	130	100	80	14	4-Φ14
50ZW15-15	15	15	2900	45	2.2	2.5	5.5	3	100	50	140	110	90	14	4-Φ14	40	130	100	80	14	4-Φ14
50ZW10-20	10	20	2900	45	2.2	2.5	5.5	3	100	50	140	110	90	14	4-Φ14	40	130	100	80	14	4-Φ14
50ZW20-15	20	15	2900	45	2.2	2.5	5.5	3	100	50	140	110	90	14	4-Φ14	40	130	100	80	14	4-Φ14
50ZW18-22	18	22	2900	48	3	2.5	5.5	3	100	50	140	110	90	14	4-Φ14	40	130	100	80	14	4-Φ14

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

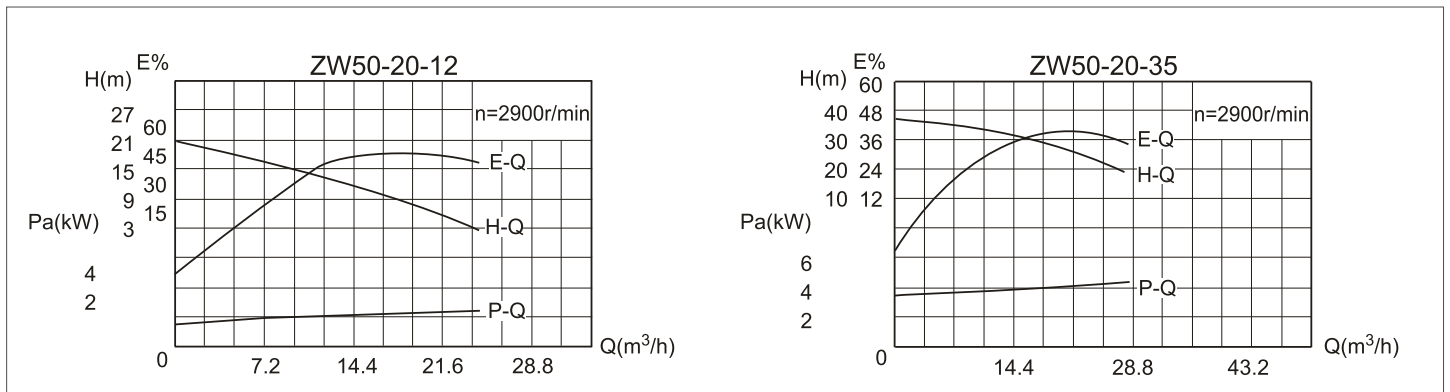


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
50ZW10-10	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
50ZW15-15	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
50ZW10-20	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
50ZW20-15	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
50ZW18-22	840	640	365	130	245	215	460	275	315	200	375	535	4-Φ16

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

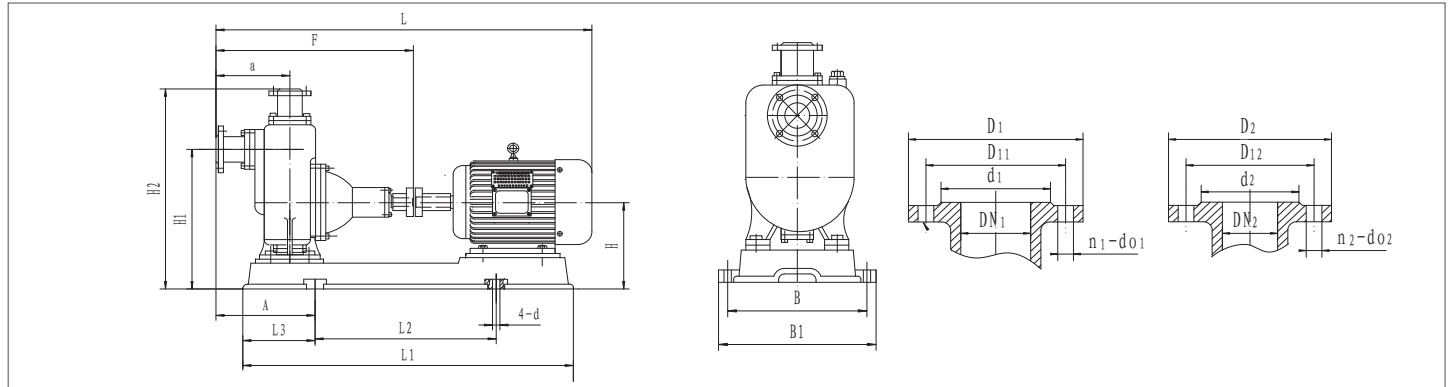
性能曲线图 Performance Curve



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Type	Q Capacity m³/h	Head (m)	n/min speed	Efficiency %	Power kW	(NPSH)r (m)	自吸高度 Self-priming Height m	自吸时间 Self-priming time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
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50ZW15-30	15	30	2900	48	3	2.5	5.5	3	120	50	140	110	90	14	4-Φ14	40	130	100	80	14	4-Φ14
50ZW40-15	40	15	2900	45	4	2.5	5.5	3	130	50	140	110	90	14	4-Φ14	40	130	100	80	14	4-Φ14
50ZW20-35	20	35	2900	45	5.5	2.5	5.5	3	150	50	140	110	90	14	4-Φ14	40	130	100	80	14	4-Φ14
65ZW20-14	20	14	2900	45	2.2	2.5	5.5	3	100	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14
65ZW30-18	30	18	2900	45	4	2.5	5.5	3	130	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

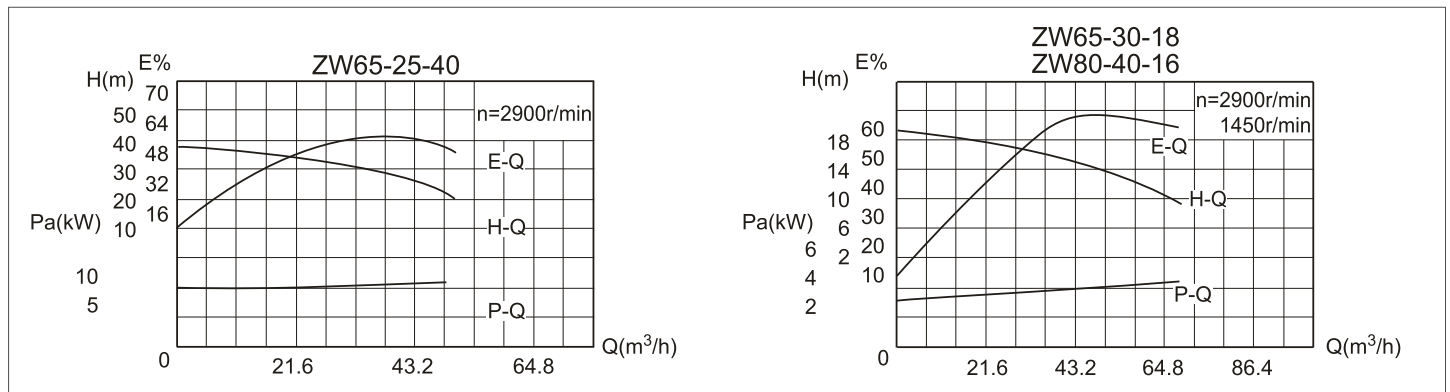


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
50ZW15-30	840	640	365	130	245	215	460	275	315	200	375	535	4-Φ16
50ZW40-15	950	760	480	135	270	250	525	340	390	215	405	590	4-Φ16
50ZW20-35	1040	820	580	120	245	260	575	360	410	240	430	625	4-Φ18
65ZW20-14	800	620	350	125	235	205	450	260	300	180	325	480	4-Φ16
65ZW30-18	950	760	480	135	270	250	525	340	390	215	405	590	4-Φ18

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

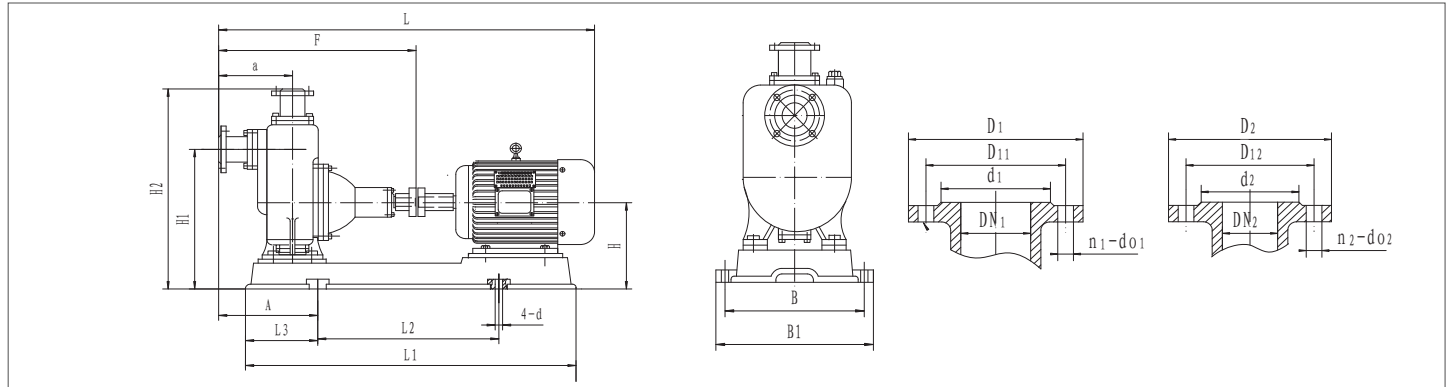
性能曲线图 Performance Curve



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65ZW30-18	30	18	1450	45	4	2.5	5.5	3	200	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14
65ZW20-30	20	30	2900	50	5.5	3	5.5	3	130	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14
65ZW40-20	40	20	2900	50	5.5	3	5.5	3	130	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14
65ZW30-30	30	30	2900	50	7.5	3	5.5	3	150	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14
65ZW25-40	25	40	2900	50	7.5	3	5.5	2	200	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

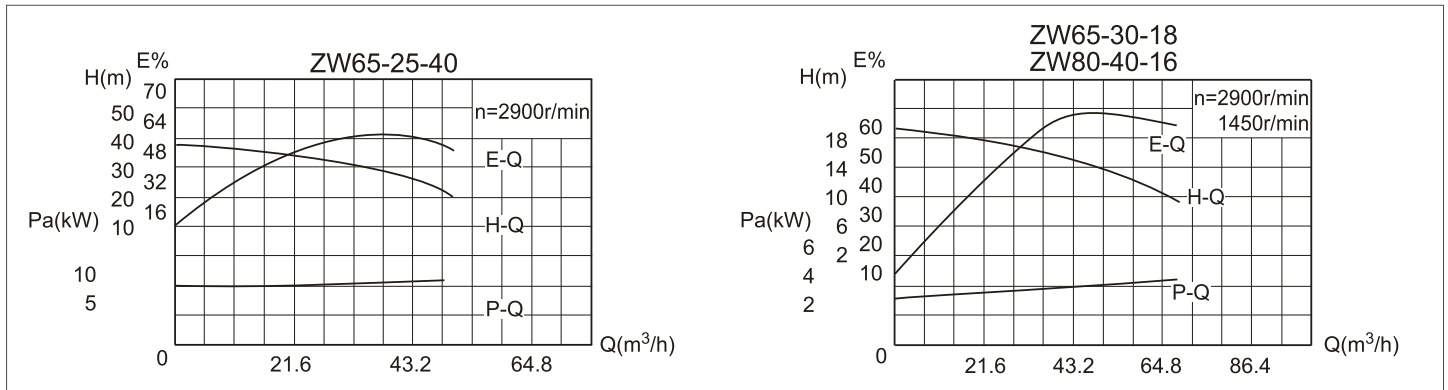


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
65ZW30-18	1000	780	520	130	285	275	600	360	410	255	475	685	4-Φ18
65ZW20-30	950	760	480	135	270	250	525	340	390	215	405	590	4-Φ18
65ZW40-20	950	760	480	135	270	250	525	340	390	215	405	590	4-Φ18
65ZW30-30	950	760	480	135	270	250	525	340	390	215	405	590	4-Φ18
65ZW25-40	1040	820	580	120	245	260	575	360	410	240	430	625	4-Φ18

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

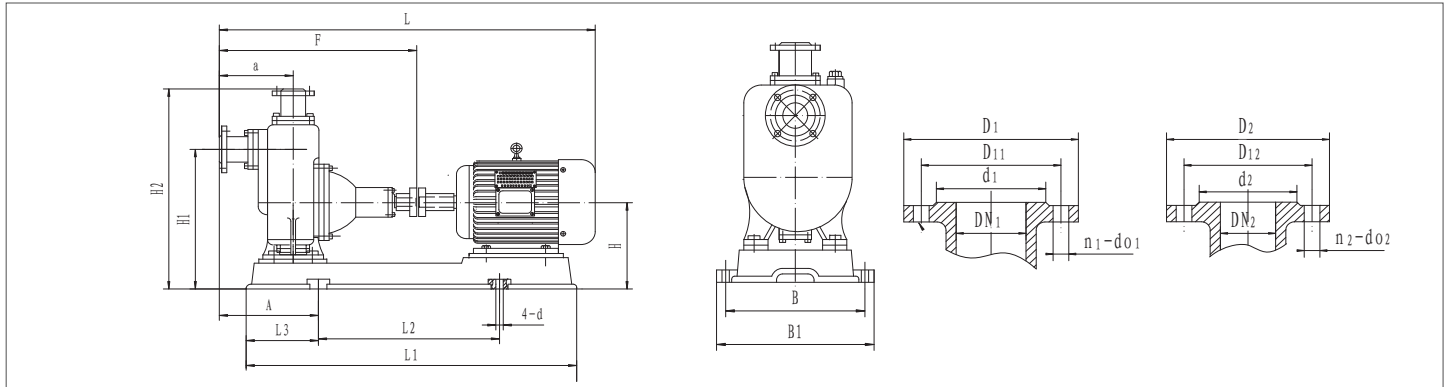
性能曲线图 Performance Curve



性能参数表 Performance Parameters

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65ZW35-40	35	40	2900	50	11	3	5.5	2	200	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14
65ZW30-50	30	50	2900	50	11	3	5.5	2	200	65	160	130	110	14	4-Φ14	50	140	110	90	14	4-Φ14
80ZW40-16	40	16	2900	50	4	3	5.5	2	130	80	190	150	125	15	4-Φ18	65	160	130	110	14	4-Φ14
80ZW40-16	40	18	1450	50	4	3	5	3	240	80	190	150	125	15	4-Φ18	65	160	130	110	14	4-Φ14
80ZW50-20	50	20	2900	50	5.5	3	5.5	2	200	80	190	150	125	15	4-Φ18	65	160	130	110	14	4-Φ14

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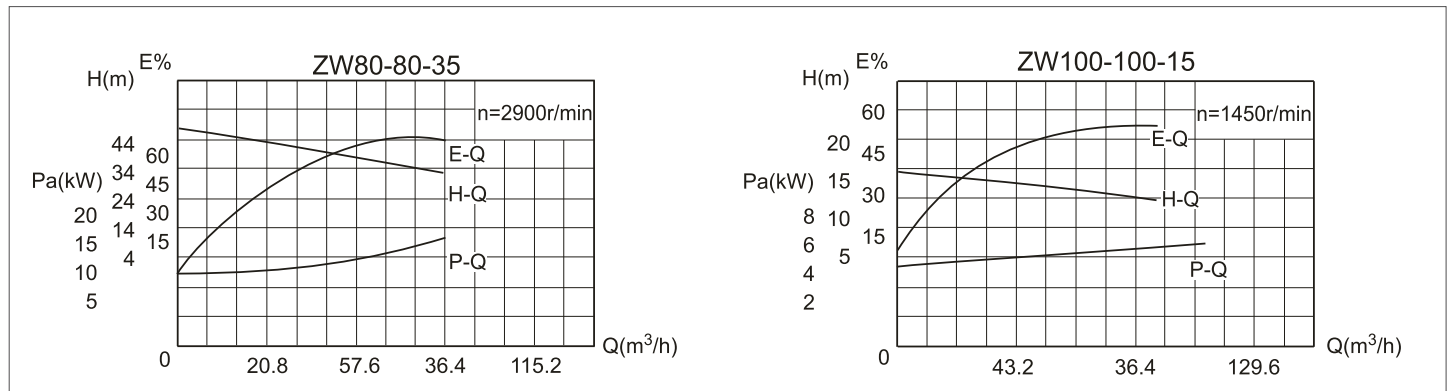


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
65ZW35-40	1165	980	600	190	310	260	575	390	440	255	445	640	4-Φ18
65ZW30-50	1165	980	600	190	310	260	575	390	440	255	445	640	4-Φ18
80ZW40-16-2	950	760	480	135	270	250	525	340	390	215	405	590	4-Φ18
80ZW40-16-4	1000	780	520	130	285	275	600	360	410	255	475	685	4-Φ18
80ZW50-20	1050	820	580	120	250	280	580	360	410	240	420	620	4-Φ18

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

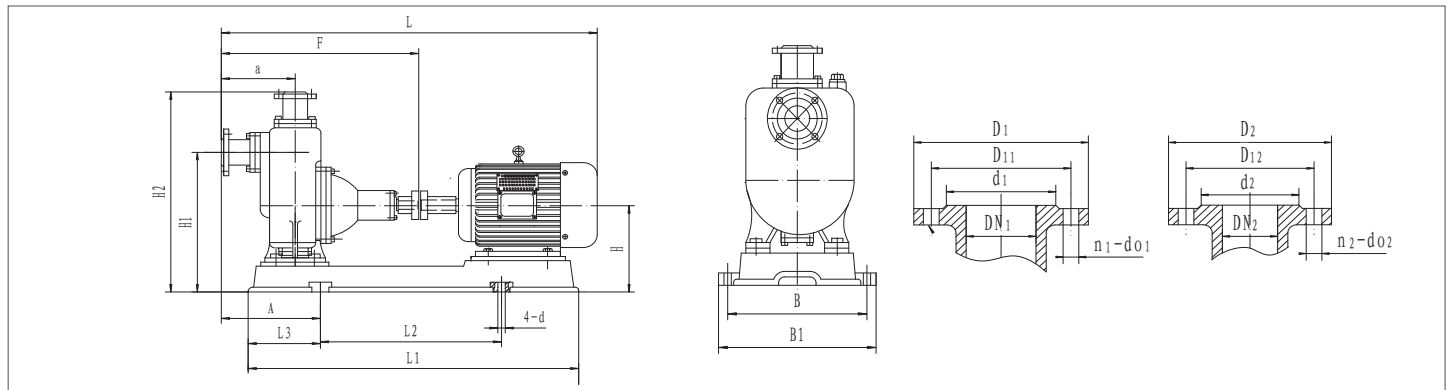
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	Q Capacity m³/h	Head (m)	n speed r/min	Efficiency %	Power kW	(NPSH) _r (m)	自吸高度 Self-prim- ing Height m	自吸时间 Self-prim- ing time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
泵型号	流量	扬程	转速	效率	电机功率	汽蚀余量	m	min/5m	kg	DN1	D1	D11	d1	b1	n1 × do1	DN2	D2	D12	d2	b2	n2 × do2
80ZW60-25	60	25	2900	52	7.5	3	5.5	2	240	80	190	150	125	15	4-Φ18	65	160	130	110	14	4-Φ14
80ZW65-25	65	25	2900	52	11	3	5.5	2	240	80	190	150	125	15	4-Φ18	65	160	130	110	14	4-Φ14
80ZW50-40	50	40	2900	52	15	3	5.5	2	285	80	190	150	125	15	4-Φ18	65	160	130	110	14	4-Φ14
80ZW80-35	80	35	2900	52	15	3	5.5	3	290	80	190	150	125	15	4-Φ18	65	160	130	110	14	4-Φ14
80ZW50-60	50	60	2900	52	22	3	5	3	325	80	190	150	125	15	4-Φ18	65	160	130	110	14	4-Φ14

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

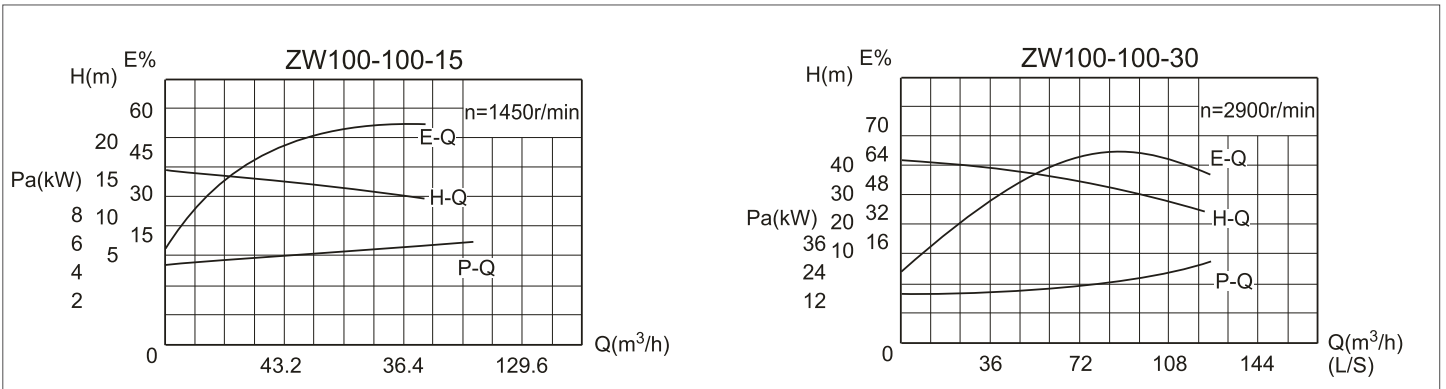


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
80ZW60-25	1050	820	580	120	250	280	580	360	410	240	420	620	4-Φ18
80ZW65-25	1215	980	600	190	310	280	580	390	440	250	430	630	4-Φ18
80ZW50-40	1215	980	600	190	315	275	600	390	440	260	480	690	4-Φ18
80ZW80-35	1215	980	600	190	315	275	600	390	440	260	480	690	4-Φ18
80ZW50-60	1250	1020	650	190	315	275	600	430	480	270	490	700	4-Φ18

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

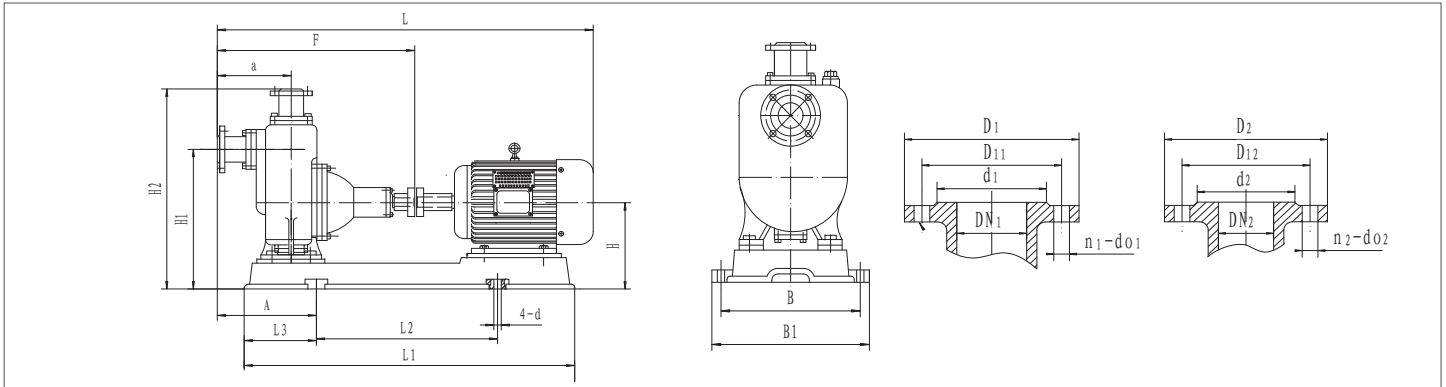
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	Q Capacity m³/h	Head (m)	n/min speed	Efficiency %	Power kW	(NPSH) _r (m)	自吸高度 Self-prim- ing Height m	自吸时间 Self-prim- ing time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
泵型号	流量	扬程	转速	效率	电机功率	汽蚀余量	m			DN1	D1	D11	d1	b1	n1 × do1	DN2	D2	D12	d2	b2	n2 × do2
100ZW80-20	80	20	1450	52	7.5	4	5.5	3	300	100	210	170	148	15	4-Φ18	80	190	150	125	15	4-Φ18
100ZW100-15	100	15	1450	52	7.5	4	5.5	3	300	100	210	170	148	15	4-Φ18	80	190	150	125	15	4-Φ18
100ZW100-20	100	20	1450	52	11	4	5.5	3	340	100	210	170	148	15	4-Φ18	80	190	150	125	15	4-Φ18
100ZW100-25	100	25	2900	52	15	4	5.5	2	500	100	210	170	148	15	4-Φ18	80	190	150	125	15	4-Φ18
100ZW100-30	100	30	2900	52	22	4	5	2	510	100	210	170	148	15	4-Φ18	80	190	150	125	15	4-Φ18

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

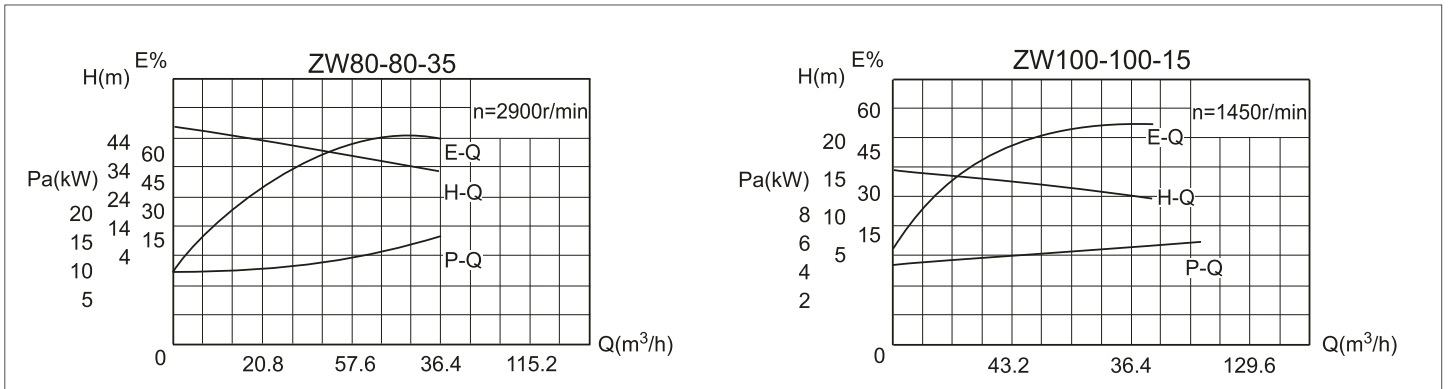


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
100ZW80-20	1215	980	600	170	340	330	695	390	440	300	570	795	4-Φ18
100ZW100-15	1215	980	600	170	340	330	695	390	440	300	570	795	4-Φ18
100ZW100-20	1290	1030	690	170	340	330	695	440	490	300	570	795	4-Φ20
100ZW100-25	1350	1170	750	310	340	330	695	460	510	325	595	820	4-Φ22
100ZW100-30	1400	1170	750	210	340	330	695	460	510	325	595	820	4-Φ22

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

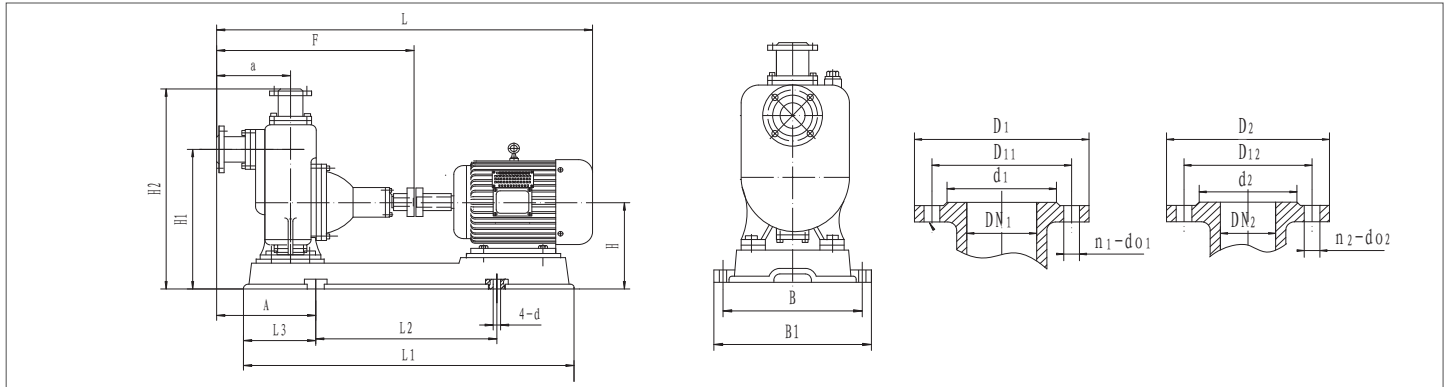
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	Q Capacity m³/h	Head (m)	n/min speed	Efficiency %	Power kW	(NPSH) _r (m)	自吸高度 Self-prim- ing Height m	自吸时间 Self-prim- ing time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
泵型号	流量	扬程	转速	效率	电机功率	汽蚀余量	m	min/5m	kg	DN1	D1	D11	d1	b1	n1 × do1	DN2	D2	D12	d2	b2	n2 × do2
100ZW100-40	100	40	2900	52	30	4	5.5	2	560	100	210	170	148	15	4-Φ18	80	190	150	125	15	4-Φ18
100ZW80-60	80	60	2900	52	37	4	5.5	2	585	100	210	170	148	15	4-Φ18	80	190	150	125	15	4-Φ18
100ZW80-80	80	80	2900	52	45	4	5.5	2	640	100	210	170	148	15	4-Φ18	80	190	150	125	15	4-Φ18
125ZW120-20	120	20	1450	52	15	4.5	5.5	2	500	125	240	200	178	20	8-Φ18	100	210	170	148	15	4-Φ18
125ZW180-15	200	15	1450	52	15	4.5	5.5	3	550	125	240	200	178	20	8-Φ18	100	210	170	148	15	4-Φ18

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

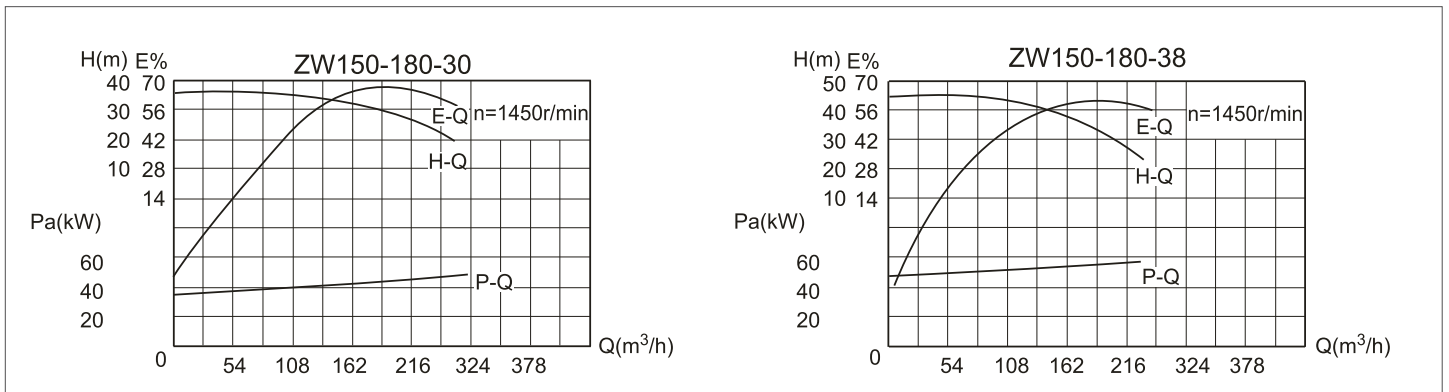


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
100ZW100-40	1500	1300	800	250	365	330	695	520	580	325	595	820	4-Φ22
100ZW80-60	1500	1300	800	250	365	330	695	520	580	325	595	820	4-Φ22
100ZW80-80	1550	1300	800	250	365	330	695	520	580	335	605	825	4-Φ22
125ZW120-20	1430	1170	750	210	400	390	785	460	510	325	625	970	4-Φ22
125ZW180-15	1430	1170	750	210	400	390	785	460	510	325	625	970	4-Φ22

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

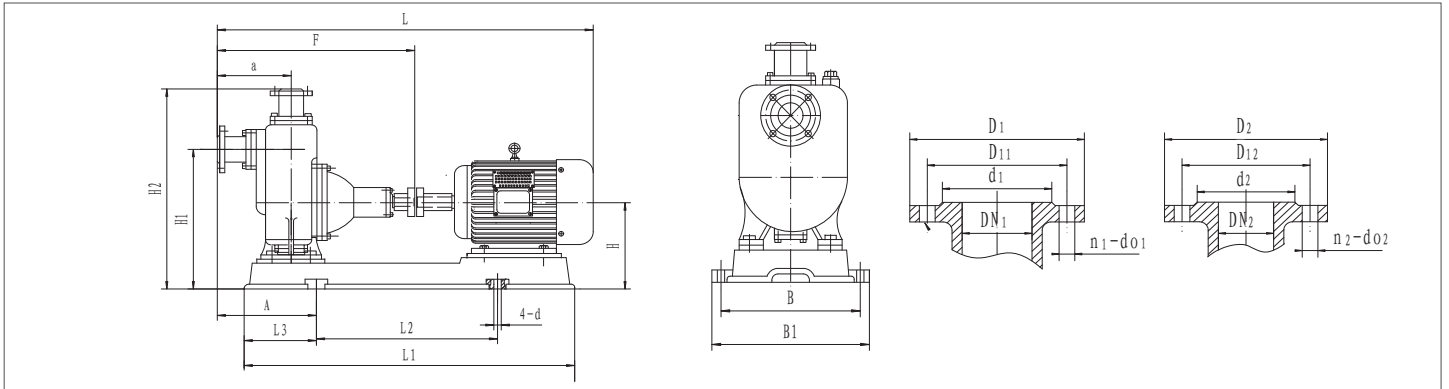
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	Q Capacity m³/h	Head (m)	n/min speed	Efficiency %	Power kW	(NPSH) _r (m)	自吸高度 Self-priming Height m	自吸时间 Self-priming time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
泵型号	流量	扬程	转速	效率	电机功率	汽蚀余量	m	min/5m	kg	DN1	D1	D11	d1	b1	n1 × do1	DN2	D2	D12	d2	b2	n2 × do2
150ZW200-15	200	15	1450	52	15	5	5.5	3.5	550	150	265	225	202	20	8-Φ18	125	240	200	178	20	8-Φ18
150ZW180-20	180	20	1450	52	22	5	5.5	3	570	150	265	225	202	20	8-Φ18	125	240	200	178	20	8-Φ18
150ZW180-30	180	30	1450	52	37	5	5	3	680	150	265	225	202	20	8-Φ18	125	240	200	178	20	8-Φ18
150ZW200-28	200	28	1450	52	30	5	5	3	680	150	265	225	202	20	8-Φ18	125	240	200	178	20	8-Φ18
150ZW180-38	180	38	1450	52	55	5	6	3.5	800	150	265	225	202	20	8-Φ18	125	240	200	178	20	8-Φ18

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table

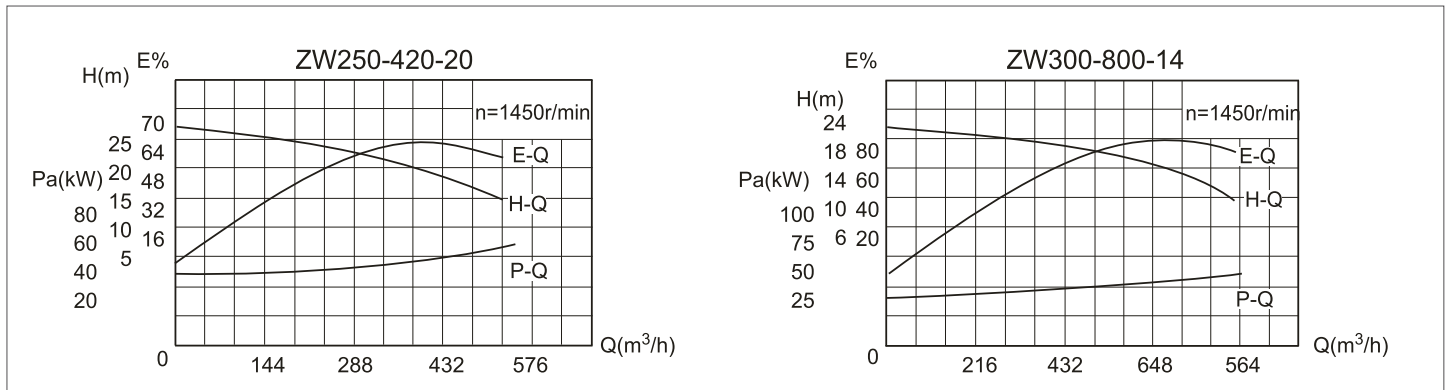


Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
150ZW200-15	1470	1170	750	210	435	420	815	460	510	325	625	970	4-Φ22
150ZW180-20	1720	1370	840	250	445	435	935	520	580	410	720	1010	4-Φ22
150ZW180-30	1780	1370	840	250	445	435	935	520	580	410	720	1010	4-Φ24
150ZW200-28	1780	1370	840	250	445	435	935	520	580	410	720	1010	4-Φ24
150ZW180-38	1930	1600	920	250	480	465	965	580	610	410	720	1040	4-Φ24

ZW型泵性能曲线图、性能参数及安装尺寸图表

Performance Curve , Performance Parameters and Installation Dimensions Drawing、Table of ZW Pumps

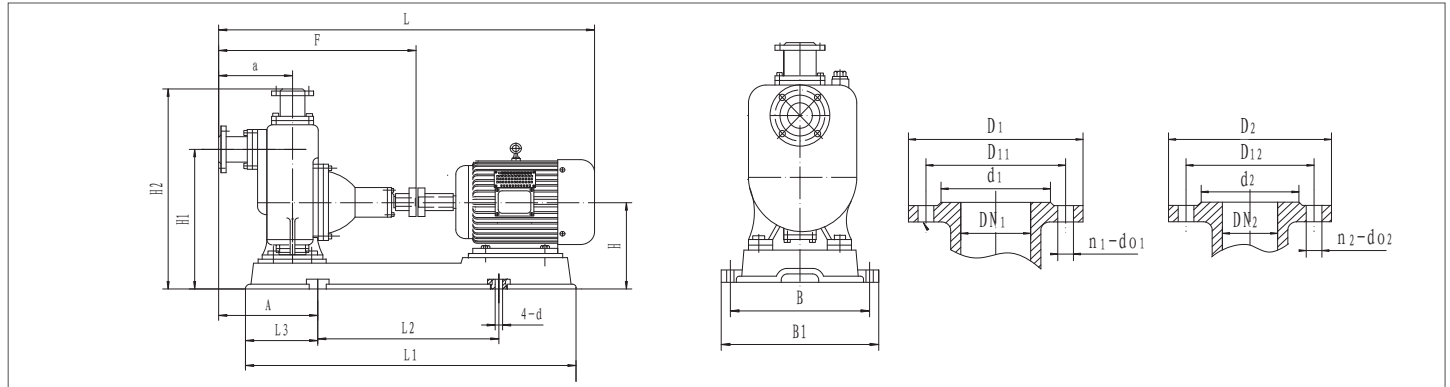
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	Q Capacity m³/h	Head (m)	n/min speed	Efficiency %	Power kW	(NPSH)r (m)	自吸高度 Self-prim- ing Height m	自吸时间 Self-prim- ing time min/5m	泵重量 Pump Weight kg	吸入口法兰尺寸 Suction Flange Dimensions						排出口法兰尺寸 Discharging Flange Dimensions					
泵型号	流量	扬程	转速	效率	电机功率	汽蚀余量	m			DN1	D1	D11	d1	b1	n1 × do1	DN2	D2	D12	d2	b2	n2 × do2
200ZW280-14	280	14	1450	52	22	5	5	3	820	200	320	280	255	22	8-Φ18	150	265	225	202	20	8-Φ18
200ZW280-18	280	18	1450	52	37	5	5	3	910	200	320	280	255	22	8-Φ18	150	265	225	202	20	8-Φ18
200ZW300-25	300	25	1450	52	45	5	5	3	940	200	320	280	255	22	8-Φ18	150	265	225	202	20	8-Φ18
200ZW280-28	280	25	1450	52	55	5	5	3	950	200	320	280	255	22	8-Φ18	150	265	225	202	20	8-Φ18
250ZW420-20	420	20	1450	52	55	5	5	3	1100	250	375	335	312	25	8-Φ18	200	320	280	255	22	8-Φ18
300ZW800-14	800	14	1450	52	55	5	5	3	1300	300	440	395	365	25	12-Φ18	250	375	335	312	25	8-Φ18

安装尺寸图及安装尺寸表 Installation Dimensions Drawing and Table



Type	外形及安装尺寸 Outline and installation dimensions												
泵型号	L	L1	L2	L3	A	a	F	B1	B2	H	H1	H2	n-d
200ZW280-14	1680	1370	840	250	480	465	965	520	580	410	720	1040	4-Φ24
200ZW280-18	1760	1400	920	250	480	465	965	580	610	410	720	1040	4-Φ24
200ZW300-25	2030	1600	920	250	500	490	965	580	610	425	750	1070	4-Φ24
200ZW280-28	2060	1600	920	250	500	490	965	580	610	425	750	1070	4-Φ24
250ZW420-20	2100	1630	1160	280	550	520	995	660	720	425	750	1100	4-Φ27
300ZW800-14	2180	1630	1160	280	570	540	1020	660	720	450	800	1150	4-Φ27



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