



S型 单级双吸水平中开式离心泵 [引进美国英格索兰公司技术]

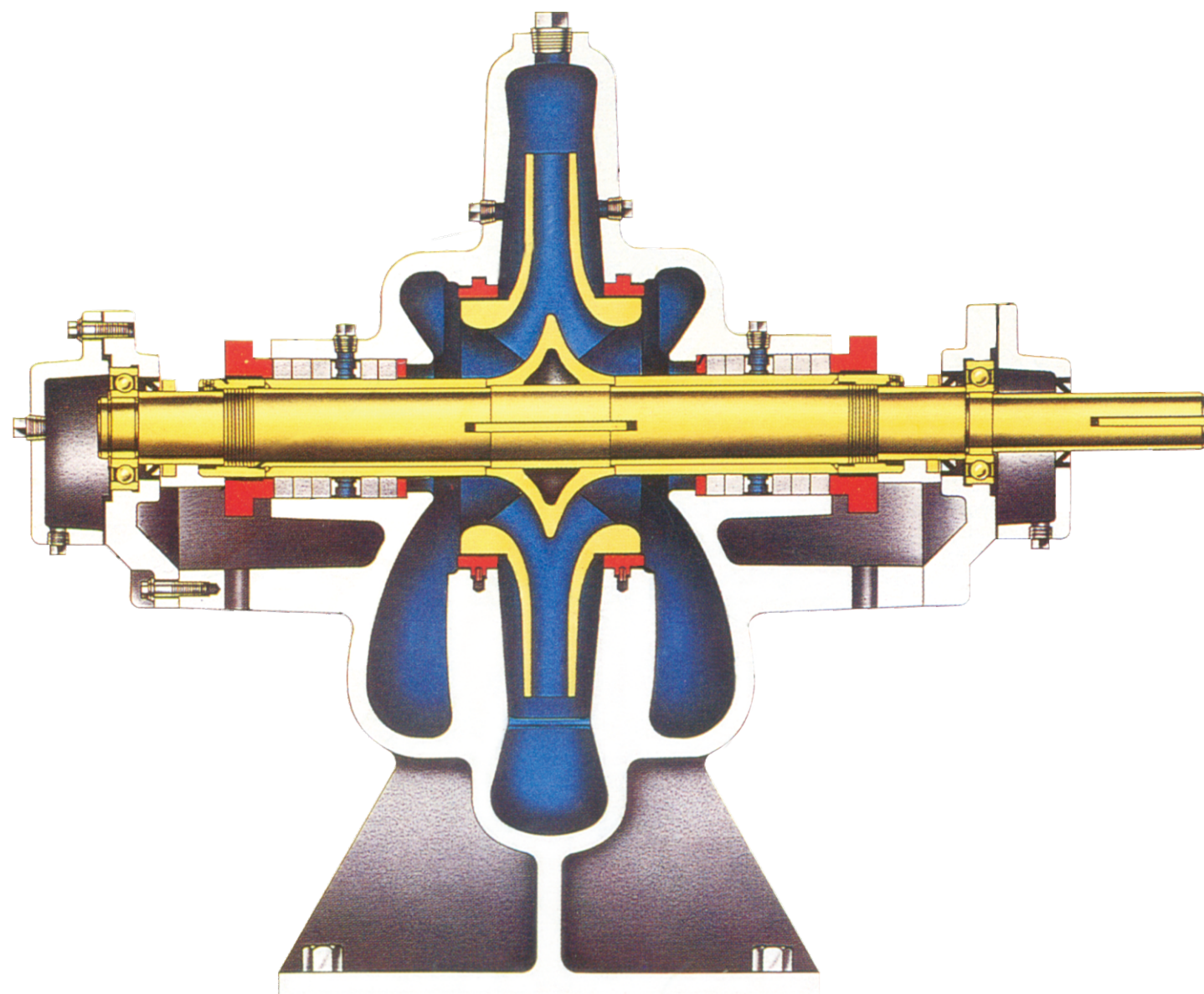
S型 单级双吸水平中开式离心泵 [引进美国英格索兰公司技术]
Type S Single-stage Double-suction Horizontal Split Centrifugal Pump
[Introduced from Ingersoll-Rand Co., in USA]

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S型单级双吸水平中开式离心泵

[引进美国英格索兰公司技术]

Type S Single-stage Double-suction Horizontal Split Centrifugal Pump
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概述

“S”系列型泵为单级、双吸水平中开式离心清水泵,是引进美国英格索兰公司技术生产制造,适应于工业和城市给排水,可作为工厂、矿山、城市、电站、水利工程等排水或给水用泵,亦可用于农田排灌。“S”系列型泵是高效节能产品,具有结构简单,性能优良的特点。供输送不含固体颗粒的清水或物理、化学性质类似于水的其它液体,被输送液体温度为 $0^{\circ}\text{C} \sim 80^{\circ}\text{C}$,允许进口压力为 0.6MPa 。

参数范围

流量Q $88 \sim 1400\text{m}^3/\text{h}$

扬程H $12 \sim 100\text{m}$

型号说明

$6 \times 14\text{SD}$

6—吐出口径 (英寸)

14—圆整的最大叶轮外径 (英寸)

S—单级双吸水平中开式离心泵

D—最大叶轮外径档代号 (有A、B、C、D、E、F共六档)

结构说明

“S”系列型泵为卧式安装,泵进口和出口均在泵轴中心线下方,泵体水平中开,检修时不需拆卸进水和出水管路。轴封为软填料密封;亦可改为机械密封。

泵的旋转方向

从电动机端看,“S”系列型泵逆时针方向旋转,此时进口在左,出口在右;泵顺时针方向旋转,此时进口在右,出口在左。

主要零件材质

泵的过流部件材质均为铸铁。

成套范围

成套供应泵、电动机、底板、联轴器、进出口短管等。

订货时请注明主要零件材质,若对泵、电机有特殊要求,可与本公司协商有关技术要求。

General

Type S pump is single-stage double-suction centrifugal pump with horizontal split casing. It is widely used for water supply & drainage in fields of factories, cities, mines, power stations and farmlands as well as water conservancy and irrigation. It is a high-efficiency and energy-saving product with simply construction, outstanding features. It is used for delivering clear water without solid particles or other liquid which is physically and chemically similar to clear water. The temperature of the liquid is $0^{\circ}\text{C} \sim 80^{\circ}\text{C}$. Permissible maximum inlet pressure is 0.6MPa .

Performance range

Capacity Q: $88 \sim 1400\text{m}^3/\text{h}$

Head H: $12 \sim 100\text{m}$

The description of pump type

For example $6 \times 14\text{SD}$

6—Outlet diameter (inch).

14—The maximum rounded-off diameter of impeller (inch).

S—Single-stage double-suction centrifugal pump with horizontal split casing.

D—Code of Max. diameter of impeller (They are six kinds: A, B, C, D, E, F)

Construction

Type S pump is horizontally installed, The inlet and the outlet are under the shaft centreline. The casing and cover of the pump are divided along the axis. It is unnecessary to disturb inlet piping and outlet piping while maintenance. The shaft seal uses packing seal or mechanical seal.

The direction of rotation

The rotation of the pump rotor is counter clockwise looking from the motor to the pump, i.e. the pump inlet is on the left and the outlet is on the right. When the rotation is clockwise, the pump inlet is on the right and the outlet is on the left.

The material of main parts of pump

The medium-contacting parts are made of cast iron.

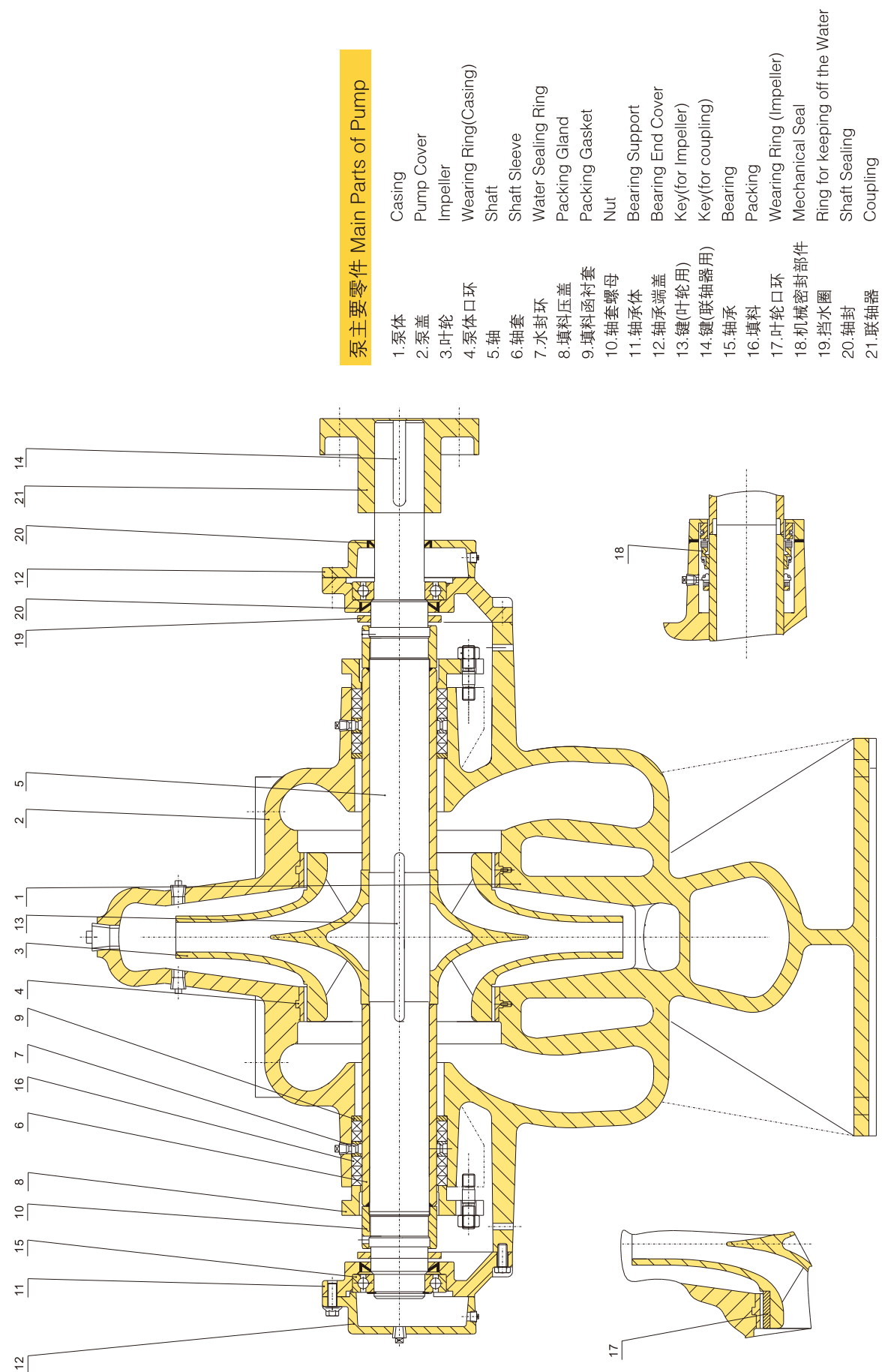
Complete provision range

pump, motor, bedplate, coupling, inlet short pipe and outlet short pipe, ect.

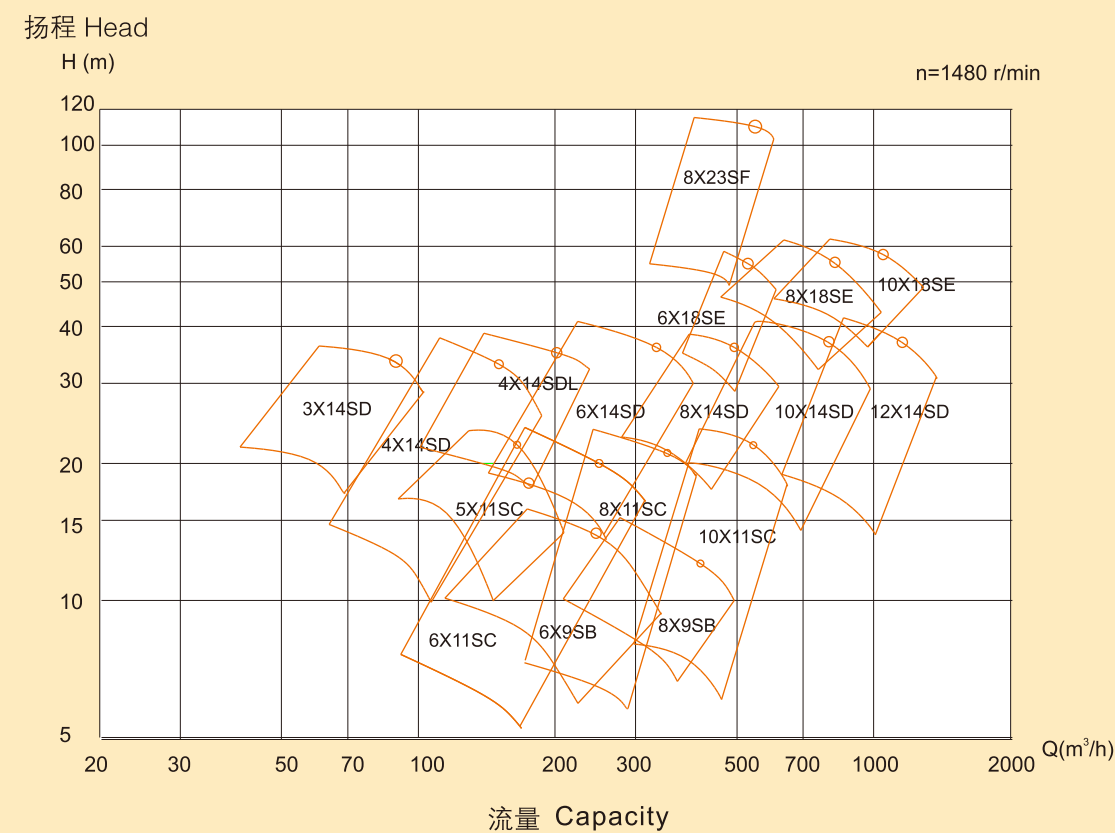
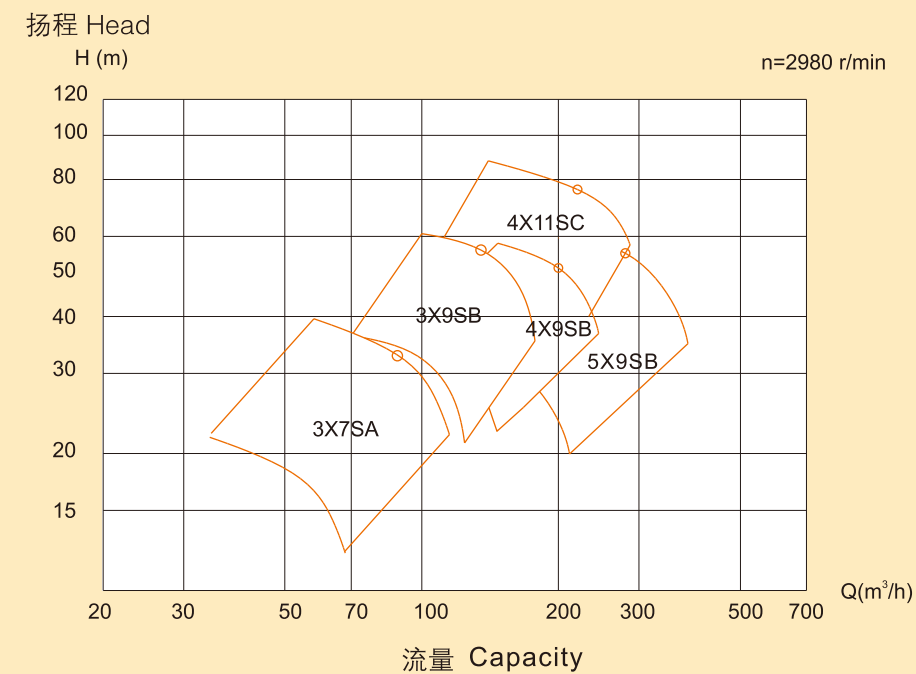
Please give indication of the material of main parts of pump in contract. If you have any special requirement, please contact us without hesitation.

S型泵（引进美国英格索兰公司技术）结构图

Sectional Arrangement Figure for Type S Pump



S型泵(引进美国英格索兰公司技术)型谱图 Performance Charts



泵性能表 Performance Data

参数 Parameter 型号 Type	流量 Capacity Q		扬程 Head H	转速 Speed n	轴功率 Shaft Power Pa	配带电动机 Motor		效率 Eff. η	必需汽 蚀余量 (NPSH) _r	叶轮名 义直径 Impeller Dia.	泵口径		泵重 Weight
						功率 Power	型号 Type				进口 Inlet Dia.	出口 Outlet Dia.	
	m³/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
3×7SA	58	16.1	39.5		9.17			68	0.5				
	88	24.4	33	2980	10.7	15	Y160M2-2	74	4	184	100	80	127
	108	30	26		11.2			68	12.6				
3×7SA	47	13.05	28		5.7			63					
	72	20	23	2980	6.5	11	Y160M1-2	69	0.8	159	100	80	127
	93	25.8	16.5		6.6			63	5.6				
3×7SA	47	13	17		3.75			58					
	58	16	15	2980	4	5.5	Y132S1-2	59	0.5	134	100	80	127
	70	19.4	12		3.9			58	0.7				
3×9SB	100	27.7	60.8		22			75	3.6				
	135	37.5	56	2980	26	30	Y200L1-2	79	4.8	225	125	80	143
	167	46.3	44.8		27			75	6.3				
3×9SB	81	22.5	45		14			70	3				
	117	32.5	40	2980	16.7	22	Y180M-2	76	4	197	125	80	143
	145	40.2	33		18.6			70	5.2				
3×9SB	73	20.3	32.5		9.94			65					
	100	27.7	28	2980	11	15	Y160M2-2	69	3.6	165	125	80	143
	128	35.5	22		11.8			65	4.4				
4×9SB	147	40.8	58		30.95			75	3.2				
	200	55.5	51	2980	34.6	45	Y225M-2	80.3	6.6	229	150	100	170
	236	65.5	41		35.1			75	12.6				
4×9SB	132	36.6	49		23.5			75					
	184	51.1	42	2980	26.3	37	Y200L2-2	80	5.6	210	150	100	170
	220	61.1	34.5		27.5			75	9.6				
4×9SB	126	35	43		19.7			75					
	168	46.6	37	2980	21.1	30	Y200L1-2	80	4.4	198	150	100	170
	198	55	29		20.8			75	6.6				
4×9SB	100	27.7	38.6		15			70					
	152	42.2	31.6	2980	16.6	22	Y180M-2	78.5	3.5	186	150	100	170
	180	50	25.2		16.5			75	5.4				
5×9SB	200	55.5	59.6		43.3			75	6				
	281	78	55	2980	51.96	75	Y280S-2	81	8.6	229	200	125	261
	360	100	42		54.9			75	13.8				
5×9SB	200	55.5	48		34.8			75	6				
	250	69.4	43.5	2980	37	45	Y225M-2	80	7.2	210	200	125	261
	315	87.5	32		37.86			72.5	10.2				
5×9SB	162	45	42		26.4			70	5.2				
	230	63.8	37	2980	30	37	Y200L2-2	77	6.6	197	200	125	261
	280	77.7	28.5		30			72.5	8.4				
5×9SB	135	37.5	29		17.77			60					
	180	50	24.5	2980	17.87	22	Y180M-2	68	5.4	163	200	125	261
	210	58.3	20		17			67.5	6.1				

泵性能表 Performance Data

参数 Parameter 型号 Type	流量 Capacity Q		扬程 Head H	转速 Speed n	轴功率 Shaft Power Pa	配带电动机 Motor		效率 Eff. η	必需汽 蚀余量 (NPSH) _r	叶轮名 义直径 Impeller Dia.	泵口径		泵重 Weight
						功率 Power	型号 Type				进口 Inlet Dia.	出口 Outlet Dia.	
	m³/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
4×11SC	140	38.8	88		48			70	3.6				
	220	61.1	76	2980	58	75	Y280S-2	78.5	6.5	270	150	100	227
	272	75.5	64		63.2			75	11.8				
4×11SC	130	36.1	74		37.4			70	3.4				
	204	56.6	63	2980	45.1	55	Y250M-2	77.5	5.6	248	150	100	227
	247	68.6	52.3		46.9			75	8.8				
4×11SC	126	35	58		28.4			70	3.3				
	180	50	50	2980	32.5	45	Y225M-2	75.5	4.7	229	150	100	227
	230	63.8	37.4		33.5			70					
4×11SC	104	28.8	46		20			65					
	160	44.4	40	2980	24	30	Y200L1-2	72.5	4	203	150	100	227
	204	56.6	32		25.4			70	5.6				
3×14SD	60	16.6	36.2		9.1			65	1.8				
	85	23.6	34	1480	11.4	15	Y160L-4	69	2.5	346	125	80	181
	100	27.7	29.3		12.3			65	3.8				
3×14SD	45	12.5	31.6		6.45			60					
	75	20.8	26	1480	7.92	11	Y160M-4	67	2.2	318	125	80	181
	90	25	19.6		8			60	3.8				
3×14SD	39	10.8	25.2		4.7			56.5					
	60	16.6	22	1480	5.75	7.5	Y132M-4	62.5	1.8	286	125	80	181
	75	20.8	17.2		5.95			59	2.2				
3×14SD	38	10.5	19		3.57			55					
	50	13.8	17	1480	4.02	5.5	Y132S-4	57.5	1.6	254	125	80	181
	68	18.8	11.2		3.77			55	2				
4×14SD	110	30.50	37.8		16.17			70	1.8				
	149	41.10	33	1480	18	22	Y180L-4	74	3	349	150	100	254
	172	47.70	29		18.86			72	4.8				
4×14SD	100	27.7	29.3		11.73			68	1.6				
	130	36.1	25.6	1480	12.76	15	Y160L-4	71	2.4	318	150	100	254
	156	43.3	21		13.12			68	3.6				
4×14SD	68	18.8	23.2		7			61					
	100	27.7	20	1480	8.25	11	Y160M-4	66	1.6	280	150	100	254
	136	37.7	14		8.64			60	2.6				
4×14SD	62	17.2	15		4.6			55					
	90	25	12.2	1480	4.86	7.5	Y132M-4	61.5	1.4	223	150	100	254
	106	29.4	10		4.8			60	1.7				
4×14SDL	138	38.3	38.6		19.34			75	1.8				
	200	55.5	35	1480	23.8	30	Y200L-4	80	4.2	356	150	100	286
	228	63.3	33		26.6			77	6.1				
4×14SDL	120	33.3	34		14.8			75	1.4				
	185	51.3	30	1480	18.6	30	Y200L-4	81	3.4	330	150	100	286
	224	62.2	25.5		20.74			75	5.6				

泵性能表 Performance Data

参数 Parameter 型号 Type	流量 Capacity Q		扬程 Head H	转速 Speed n	轴功率 Shaft Power Pa	配带电动机 Motor		效率 Eff. η	必需汽 蚀余量 (NPSH) _r	叶轮名 义直径 Impeller Dia.	泵口径		泵重 Weight
						功率 Power	型号 Type				进口 Inlet Dia.	出口 Outlet Dia.	
	m³/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
4×14SDL	120	33.3	25.5		11.1			75	1.4				
	168	46.6	24.6	1480	14	18.5	Y180M-4	80	2.5	305	150	100	286
	198	55	21.5		15.45			75	4				
4×14SDL	106	29.4	24		9.89			70	1.2				
	150	41.6	21.5	1480	11.7	15	Y160L-4	75	2	279	150	100	286
	176	48.8	18		11.9			72.5	3				
5×11SC	128	35.5	23.6		10.3			80	1.9				
	163	45.3	22	1480	11.6	15	Y160L-4	84	2.7	279	200	125	259
	200	55.5	15.4		10.48			80	5.5				
5×11SC	110	30.5	19		7.4			77	1.8				
	150	41.6	15.8	1480	7.9	11	Y160M-4	81.5	2.2	254	200	125	259
	175	48.6	13		7.94			78	3.4				
5×11SC	80	22.2	14.6		4.54			70					
	130	36.1	12	1480	5.51	7.5	Y132M-4	77	2.2	224	200	125	259
	145	40.2	10.2		5.3			76	2.1				
6×11SC	170	47.2	24		14.6			76	1.6				
	248	68.8	20	1480	16.4	22	Y180L-4	82	2.4	279	200	150	304
	296	82.2	17.6		17.8			79.5	4.7				
6×11SC	118	32.7	15.6		7.1			70.5					
	188	52.2	13.2	1480	8.6	11	Y160M-4	78.5	1.8	229	200	150	304
	244	67.7	9.8		8.9			73	2.4				
6×11SC	110	30.5	7.8		3.7			63					
	150	41.6	6.2	1480	3.7	5.5	Y132S-4	68	1.6	179	200	150	304
	165	45.8	5.3		3.6			66	1.6				
6×9SB	173	48	16		9.4			80	1.5				
	245	68	14	1480	10.86	15	Y160L-4	86	2.1	229	200	150	306
	300	83.3	11.5		11.3			83	4.1				
6×9SB	167	46.4	11.6		6.6			80	1.5				
	208	57.7	10.5	1480	7	11	Y160M-4	84	1.7	203	200	150	306
	264	73.3	8.2		7.4			80	2.7				
6×9SB	130	36	8.8		4.45			70					
	188	52.2	7	1480	4.6	7.5	Y132M-4	78	1.6	178	200	150	306
	220	61.1	6		4.8			75	1.9				
6×14SD	222	61.6	41		33			75	1.8				
	330	91.6	36	1480	38	45	Y225M-4	83.5	3.1	365	250	150	454
	402	111.6	30		41			80	5.2				
6×14SD	198	55	34		24.4			75					
	300	83.3	29.5	1480	29	37	Y225S-4	83	2.5	330	250	150	454
	362	100.5	25.5		31.4			80	3.6				
6×14SD	186	51.6	28		18.9			75					
	262	72.7	24	1480	21.1	30	Y200L-4	81	2.1	299	250	150	454
	340	94.4	17		20.98			75	3.1				

泵性能表 Performance Data

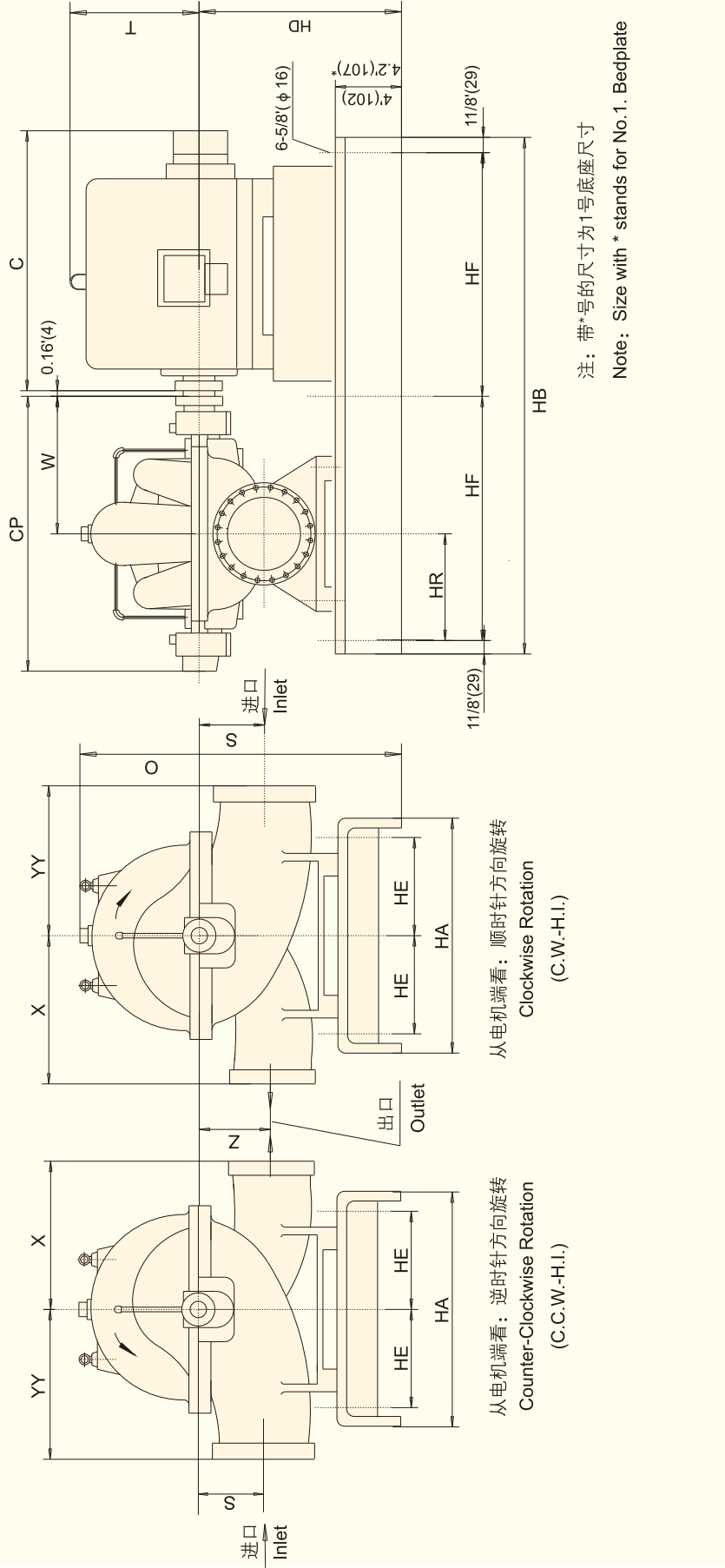
参数 Parameter 型号 Type	流量 Capacity Q		扬程 Head H	转速 Speed n	轴功率 Shaft Power Pa	配带电动机 Motor		效率 Eff. η	必需汽 蚀余量 (NPSH) _r	叶轮名 义直径 Impeller Dia.	泵口径		泵重 Weight
						功率 Power	型号 Type				进口 Inlet Dia.	出口 Outlet Dia.	
	m³/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
6×14SD	152	42.2	19		11.2			70					
	220	61.1	16	1480	12.6	15	Y160L-4	75.5	1.8	254	250	150	572
	252	70	14		12.8			75	2				
6×18SE	465	129	58.5		92.6			80	3.4				
	525	145.8	55	1480	92.5	110	Y315S-4	85	3.8	460	250	150	572
	605	168	48.2		99.2			80	5				
6×18SE	445	123.6	54		81.8			80	3.2				
	500	138.8	51	1480	82.7	110	Y315S-4	84	3.6	436	250	150	572
	565	157	43.6		83.9			80	4.4				
6×18SE	320	88.9	47.3		54.96			75	2.8				
	450	125	42	1480	63.54	75	Y280S-4	81	3.3	406	250	150	572
	545	151.4	32		63.32			75	4.1				
6×18SE	310	86.1	40		45			75	2.7				
	410	113.89	35.2	1480	49.7	75	Y280S-4	79	3	373	250	150	572
	485	134.7	29.2		51.4			75	3.5				
8×9SB	275	76.4	15.2		15.2			75	2.7				
	414	115	12	1480	16.1	22	Y180L-4	84	3.6	232	250	200	454
	490	136	10		16.68			80	4.7				
8×9SB	226	62.7	12.6		11			70					
	338	93.89	10.6	1480	13.9	15	Y160L-4	81	2.9	210	250	200	454
	420	116.66	8.4		12.8			75	3.6				
8×9SB	200	55.65	10.4		8.7			65					
	300	83.3	8.3	1480	9.35	11	Y160M-4	72.5	2.9	197	250	200	454
	365	101.3	6.8		9.65			70	3				
8×11SC	240	66.6	23.8		19.4			80	3.4				
	350	97.2	21	1480	23.14	30	Y200L-4	86.5	4.2	279	250	200	442
	400	111.1	19		24.34			85	6.2				
8×11SC	225	62.5	19		14.5			80	3.4				
	310	86.1	17	1480	16.8	22	Y180L-4	85.5	3.8	249	250	200	442
	372	103.3	14.4		18.2			80	5				
8×11SC	175	48.6	15		10.2			70					
	260	72.2	13	1480	11.8	15	Y160L-4	78	3.5	229	250	200	442
	340	94.4	10		12.34			75	4.2				
8×11SC	182	50.5	9		6.86			65					
	225	62.5	8	1480	7	11	Y160M-4	70	3.4	188	250	200	442
	280	77.7	6		6.93			66	3.5				
8×14SD	390	108	38.5		49.2			83	2.3				
	495	137.5	36	1480	55.7	75	Y280S-4	87	3.3	362	250	200	544
	614	170.5	29.5		59.4			83	4.7				
8×14SD	340	94.4	31.3		35.7			81	2				
	448	124.4	29	1480	41.1	55	Y250M-4	86	2.6	324	250	200	544
	540	150	24		43			82	3.5				

泵性能表 Performance Data

参数 Parameter 型号 Type	流量 Capacity Q		扬程 Head H	转速 Speed n	轴功率 Shaft Power Pa	配带电动机 Motor		效率 Eff. η	必需汽 蚀余量 (NPSH) _r	叶轮名 义直径 Impeller Dia.	泵口径		泵重 Weight
						功率 Power	型号 Type				进口 Inlet Dia.	出口 Outlet Dia.	
	m³/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
8×14SD	320	88.8	26		28.3			80	1.9				
	410	113.8	24	1480	31.9	45	Y225M-4	84	2.5	299	250	200	544
	510	141.6	19.5		33.8			80	3				
8×14SD	285	79.1	23		23.5			76	1.8				
	390	108.3	20	1480	26.2	30	Y200L-4	81	2.4	279	250	200	544
	440	122.2	17.5		26.2			80	2.6				
8×18SE	630	175	62		132.9			80	3.5				
	820	227.7	55	1480	145.8	200	Y315L2-4	84.2	4.8	460	300	200	807
	1030	286	43		150.7			80	8.5				
8×18SE	560	155.5	54.5		105.8			78.5	3.2				
	750	208.3	48.5	1480	118.6	160	Y315M2-4	83.5	4	423	300	200	807
	905	251.4	40		125.6			78.5	5.6				
8×18SE	495	137.5	49		88			75	3				
	660	183.3	44	1480	98	132	Y315M-4	80.5	3.5	398	300	200	807
	840	233.3	36		109.8			75	5				
8×18SE	426	118.3	43.5		72			70	2.9				
	600	166.6	38.5	1480	82.7	110	Y315S-4	76	3.3	373	300	200	807
	750	208.3	32.2		90			73	4.2				
8×23SF	400	111.1	115		169			74	2.1				
	545	151.4	110	1480	206.6	250	Y315M2-4	79	2.3	572	250	200	953
	600	166.6	102.4		217			77	2.9				
8×23SF	360	100	99		131			74	2.1				
	510	141.6	90	1480	160	220	Y315M2-4	78	2.2	533	250	200	953
	600	166.6	80		174		(IP23)	75	2.9				
8×23SF	340	94.4	80		100			74	2.1				
	480	133.3	72	1480	127	160	Y315M2-4	77.5	2.2	483	250	200	953
	575	159.7	62.5		132.2			74	2.5				
8×23SF	270	75	64		68			69	2.1				
	420	116.6	56	1480	85.4	110	Y315S-4	75	2.1	423	250	200	953
	480	133.3	49.5		87.4			74	2.2				
10×11SC	410	113.89	23.8		33.2			80	3.4				
	540	150	22	1480	37.6	45	Y225M-4	86	4	286	300	250	594
	640	177.8	18		39.1			80	6				
10×11SC	380	105.5	19		24.6			80	3.3				
	510	141.6	16.2	1480	26.4	37	Y225S-4	85	3.6	254	300	250	594
	580	161.1	13.8		27.2			80	4.5				
10×11SC	320	88.9	15.6		18.1			75					
	460	127.7	13	1480	19.98	30	Y200L-4	81.5	3.4	236	300	250	594
	540	150	9.8		19.21			75	4				

泵性能表 Performance Data

参数 Parameter 型号 Type	流量 Capacity Q		扬程 Head H	转速 Speed n	轴功率 Shaft Power Pa	配带电动机 Motor		效率 Eff. η	必需汽 蚀余量 (NPSH) _r	叶轮名 义直径 Impeller Dia.	泵口径		泵重 Weight
						功率 Power	型号 Type				进口 Inlet Dia.	出口 Outlet Dia.	
	m³/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
10×11SC	320	88.9	9.5		11.8			70					
	380	105.5	8.5	1480	11.7	15	Y160L-4	75	3.3	211	300	250	594
	465	129	6		10.8			70	3.4				
10×14SD	550	152.7	41		76.7			80	3.4				
	785	218	37	1480	91.9	110	Y315S-4	86	4.8	368	300	250	780
	975	270	29.2		96.9			80	7.3				
10×14SD	515	143	32		56			80	3.3				
	690	191.6	29.2	1480	64	90	Y280M-4	85.5	4	323	300	250	780
	855	237.5	24.2		70.4			80	5.5				
10×14SD	480	133.3	25.6		43			77.5	3.1				
	645	179	22.3	1480	47.4	75	Y280S-4	82.5	3.8	298	300	250	780
	750	208	18.8		49.5			77.5	4.4				
10×14SD	415	115.2	22		33.8			73.5	2.9				
	600	166.6	18	1480	37.46	45	Y225M-4	78.5	3.7	273	300	250	780
	690	191.6	14.2		35.57			75	4				
10×18SE	795	220.8	62.2		168.3			80	3.5				
	1040	288.8	57.5	1480	191.3	250	Y315M2-4	85	4.2	457	350	250	963
	1275	354	48.8		211.8		(IP23)	80	7.7				
10×18SE	735	204	55		137.6			80	3.5				
	930	258	51.3	1480	162.4	220	Y315M2-4	74.5	3.8	432	350	250	963
	1170	325	43.5		173.2		(IP23)	80	5.6				
10×18SE	690	191.6	48.5		113.9			80	3.5				
	855	237.5	46	1480	127.5	160	Y315M2-4	84	3.6	406	350	250	963
	1080	300	40		147			80	4.6				
10×18SE	570	158.3	43		88.9			75	3.6				
	780	216.6	40.5	1480	104.9	132	Y315M1-4	82	3.5	381	350	250	963
	960	266.6	36		117.6			80	4				
12×14SD	850	236.1	41.8		120.9			80	3.6				
	1140	316.6	37	1480	133	160	Y315M2-4	86.2	4.8	371	350	300	953
	1360	377.7	31		138.3			83	7.1				
12×14SD	800	222.2	36		98			80	3.5				
	1060	294.4	32	1480	107.4	132	Y315M ₁ -4	86	4.1	347	350	300	953
	1290	358.3	25		109.7			80	6.2				
12×14SD	720	200	26.5		64.9			80	3.5				
	940	261.1	23.5	1480	71.19	90	Y280M-4	84.5	3.8	310	350	300	953
	1100	305.5	19		71.14			80	4.3				
12×14SD	720	200	20.2		52.8			75	3.5				
	860	238.8	18	1480	53	75	Y280S-4	79.5	3.6	280	350	300	953
	1000	277.7	14		50.8			75	4				



S型泵（引进美国英格索兰公司技术）外形安装尺寸表 Overall and Installation Dimensions

泵数据 Pump Data																								
泵型号 Pump	泵重量 Weight		进口口径 Inlet		出口口径 Outlet		O		S		W		X		Z		CP		HD		HR		YY	
	英镑	Kg	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
3×7SA	280	127	4	102	3	76	21	533	6	152	16.12	409	9	229	4.81	122	29	737	15.50	394	8.88	226	11	279
3×9SB	315	143	5	127	3	76	23.75	603	6.50	165	16.12	409	9	229	6	152	29	737	17	432	8.88	226	11.50	292
4×9SB	375	170	6	152	4	102	25.38	645	7	178	17.06	433	11	279	6.25	159	30.88	784	18	457	8.88	226	12.50	318
5×9SB	575	261	8	203	5	127	28.62	727	9	229	17.88	454	11.75	298	6.62	168	32.25	819	21	533	11	279	15	381
6×9SB	675	306	8	203	6	152	29.50	749	9	229	18.44	468	12	305	7.50	191	33.62	854	21	533	11	279	16	406
8×9SB	1000	454	10	254	8	203	31.12	790	10	254	21.31	541	14	356	8.12	206	39.12	994	24	610	12.88	327	18	457
4×11SC	500	227	6	152	4	102	27.25	692	7.12	181	17.12	435	12.50	318	7.12	181	30.75	781	19	483	11	279	13.50	343
5×11SC	570	259	8	203	5	127	29.12	740	9	229	18.44	468	14	356	7.50	191	33.62	854	21	533	11	279	15	381
6×11SC	670	304	8	203	6	152	30.12	765	9	229	18.44	468	13	330	8.25	210	33.62	854	21	533	11	279	16	406
8×11SC	975	442	10	254	8	203	34	864	10.50	267	20.12	511	16	406	9	229	36.75	933	24	610	12.88	327	18	457
10×11SC	1310	594	12	305	10	254	38.88	988	12	305	21.31	541	22	559	9.50	241	39.12	994	28	711	14.88	378	21	533
3×14SD	400	181	5	127	3	76	25.50	648	6.50	165	17.06	433	12.50	318	8.12	206	30.88	784	17	432	8.88	226	13.50	343
4×14SD	560	254	6	152	4	102	28.50	724	7.50	191	17.12	435	12	305	8.69	221	30.75	781	19	483	11	279	15	381
4×14SDL	630	286	6	152	4	102	29	737	8	203	17.12	435	12	305	9.19	233	30.75	781	19	483	11	279	16	406
6×14SD	1000	454	10	254	6	152	35	889	10	254	20.12	511	15	381	10.12	257	36.75	933	24	610	12.88	327	19	483
8×14SD	1200	544	10	254	8	203	37.75	959	12	305	21.69	551	15	381	10.75	273	39.12	994	26	660	12.88	327	20	508
10×14SD	1720	780	12	305	10	254	40.75	1035	13	330	24.31	617	20	508	11.50	292	44.38	1127	28	711	14.88	379	22	559
12×14SD	2100	953	14	356	12	305	44.75	1137	14	356	24.31	617	22	559	12.75	324	44.38	1127	30	762	14.88	379	26	660
6×18SE	1260	572	10	254	6	152	39.62	1006	12	305	21.69	551	17	432	12.25	311	39.12	994	26	660	12.88	327	20	508
8×18SE	1780	807	12	305	8	203	42	1067	13	330	26	660	19	483	12.50	318	46	1168	28	711	14.88	379	22	559
10×18SE	2123	963	14	356	10	254	42.25	1073	14	356	26	660	20	508	13.50	343	46	1168	30	762	14.88	379	26	660
8×23SF	2100	953	10	254	8	203	43.25	1099	12	305	26	660	19	483	13.50	394	46	1168	28	711	14.88	379	27	686

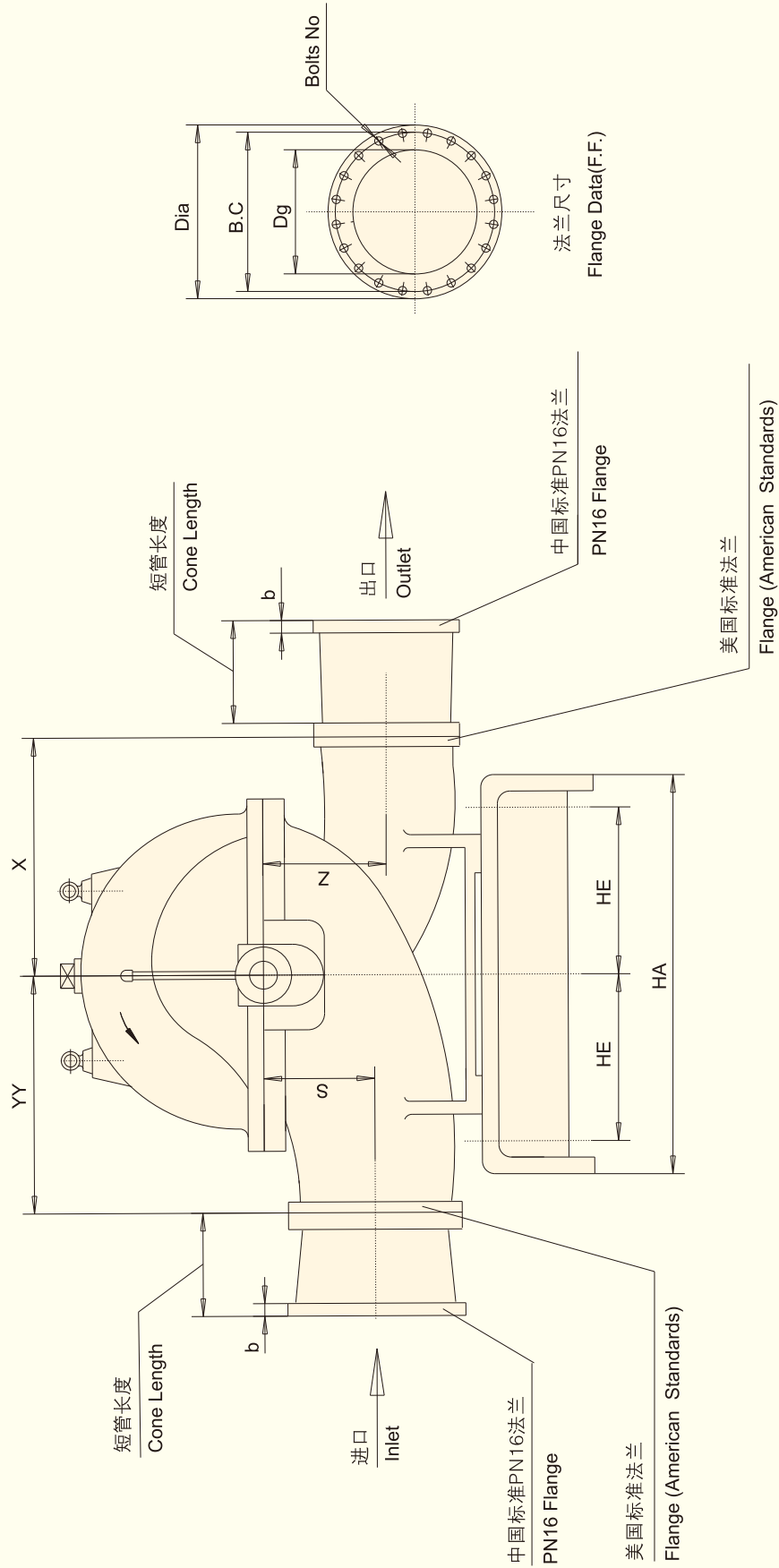
Frame size 机座号	Y132S	Y132M	Y160M	Y160L	Y180M	Y180L	Y200L	Y225S	Y225M	Y280S	Y280M	Y315S	Y315M	Y315L	Y355M
C(mm)	475	515	600	645	670	710	775	820	845	1000	1050	1235	1285	1340	1515
T(mm)	183	183	225	225	250	250	275	305	305	360	360	445	445	550	550
3X7SA	1		1												
3X9SB			1		1		1								
4X9SB					1		1	1							
5X9SB					1		1		3						
6X9SB		1	1	1											
8X9SB			1	1		3									
4X11SC							1		2	3					
5X11SC		1	1	1											
6X11SC	1		1			1									
8X11SC			1	1		1	3								
10X11SC				3			3	3							
3X14SD	1	1	1	1											
4X14SD		1	1	1		1									
4X14SDL				1	1	1	2								
6X14SD				1		1	1	3	3						
8X14SD							3		3	4					
10X14SD									4	4	4	5			
12X14SD										4	4		5		
6X18SE										4		5			
8X18SE												5	5	5	
10X18SE													5		5
8X23SF												5	5		5

注：表中的1.2.3.4.5为底板号。 Note:1-5 are the Bedplate codes.

S型泵（引进美国英格索兰公司技术）底板数据 Bedplate Data for Type S Pump

底板号 Bed plate No.	重量Weight		HA		HB		HE		HF	
	lb	kg	in	mm	in	mm	in	mm	in	mm
1	295	134	15.8	400	60	1524	6.3	160	28.88	734
2	432	196	26.8	680	60	1524	10.62	270	28.88	734
3	577	262	26.8	680	71	1803	10.62	270	34.38	873
4	672	305	26.8	680	80	2032	10.62	270	38.88	988
5	727	330	26.8	680	88	2235	10.62	270	42.88	1089

S型泵(引进美国英格索兰公司技术)法兰尺寸图 Flange Figure for Type S Pump



S型泵（引进美国英格索兰公司技术）法兰尺寸表 Flange Data for Type S Pump

公称内径		250PSI法兰（美国标准） 250PSI Flange (American Standards) 250# Thickness						125PSI法兰（美国标准） 125PSI Flange (American Standards) 125# Drilling						250PSI法兰（美国标准） 250PSI Flange (American Standards) 250# Drilling						PN16法兰（中国标准） PN16 Flange(Chinese Standards)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		法兰外径 Dia.			最小厚度 Min.			最大厚度 Max.			螺栓Bolts		螺栓Bolts				螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bolts		螺栓Bol	

注：泵进出口口径加短管变为PN16法兰尺寸（中国标准）
Note: Inlet and Outlet of pumps can be changed to PN16 flange (Chinese standards) with cone.

S型泵（引进美国英格索兰公司技术）工程数据 Engineering Information for Type S Pump



泵型号 Pump Size	公称内径 Nozzle Diameter				轴径 Shaft Diameter								100转/分传送轴功率 容量(kW) Shaft Hp Cap per 100 RPM@ Cpig	临界转速 Critical Speed RPM	最大挠度（填料函处） Max.Shaft Deflection @S.B		轴动惯量 Max.Dia.Imp.WB² Wet # Ft²	
	进口 Inlet		出口 Outlet		叶轮处 Impeller		轴套处 Sleeve		轴承处 Bearing		联轴器处 Coupling				in	mm	#Ft²	kgm²
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm						
3X7SA	4	102	3	76	1.562	39.7	1.5	38.1	1.18	30	1.125	28.6	0.001	0.03	0.7	0.03		
3X9SB	5	127	3	76	1.562	39.7	1.5	38.1	1.18	30	1.125	28.6	0.001	0.03	2.8	0.12		
4X9SB	6	152	4	102	1.5	38.1	1.5	38.1	1.18	30	1.125	28.6	0.001	0.03	2.9	0.12		
5X9SB	8	203	5	127	2	50.8	2	50.8	1.575	40	1.5	38.1	0.001	0.30	3	0.13		
6X9SB	8	203	6	152	1.562	39.7	1.5	38.1	1.18	30	1.125	28.6	0.002	0.05	2.45	0.1		
8X9SB	10	254	8	203	2.062	52.4	2	50.8	1.575	40	1.5	38.1	0.001	0.03	3.4	0.14		
4X11SC	6	152	4	102	2.062	52.4	2	50.8	1.575	40	1.5	38.1	0.001	0.03	4.7	0.2		
5X11SC	8	203	5	127	1.5	38.1	1.5	38.1	1.18	30	1.125	28.6	0.001	0.03	4.7	0.2		
6X11SC	8	203	6	152	1.562	39.7	1.5	38.1	1.18	30	1.125	28.6	0.002	0.05	5.5	0.23		
8X11SC	10	254	8	203	2.062	52.4	2	50.8	1.575	40	1.5	38.1	0.002	0.05	6.2	0.26		
10X11SC	12	305	10	254	2.062	52.4	2	50.8	1.575	40	1.5	38.1	0.002	0.05	6	0.25		
3X14SD	5	127	3	76	1.562	39.7	1.5	38.1	1.18	30	1.125	28.6	0.001	0.03	6.6	0.28		
4X14SD	6	152	4	102	2.062	52.4	2	50.8	1.575	40	1.5	38.1	0.001	0.03	7.8	0.33		
4X14SDL	6	152	4	102	2.062	52.4	2	50.8	1.575	40	1.5	38.1	0.001	0.03	9.4	0.4		
6X14SD	10	254	6	152	2	50.8	2	50.8	1.575	40	1.5	38.1	0.002	0.05	10.5	0.44		
8X14SD	10	254	8	203	2.562	65.1	2.5	63.5	2.165	55	2.125	54	0.001	0.03	12.7	0.54		
10X14SD	12	305	10	254	2.562	65.1	2.5	63.5	2.165	55	2.125	54	0.002	0.05	14.4	0.61		
12X14SD	14	356	12	305	2.562	65.1	2.5	63.5	2.165	55	2.125	54	0.001	0.03	16	0.67		
6X18SE	10	254	6	152	2.5	63.5	2.5	63.5	2.165	55	2.125	54	0.001	0.03	28	1.18		
8X18SE	12	305	8	203	3.062	77.8	3	76.2	2.56	65	2.5	63.5	0.002	0.05	31.5	1.33		
10X18SE	14	356	10	254	3.062	77.8	3	76.2	2.56	65	2.5	63.5	0.001	0.03	35	1.47		
8X23SF	10	254	8	203	3.062	77.8	3	76.2	2.56	65	2.5	63.5	0.001	0.03	41	1.72		

注：长泵遵循对产品不断完善的原则，对产品性能和结构的部分改动，将另行告知。
Note: The long pump follow the principle of continuous improvement of product, product performance and structural elements to changes without prior informed.