

QI (H) End Suction Centrifugal Pump

QI (H) 端吸离心泵

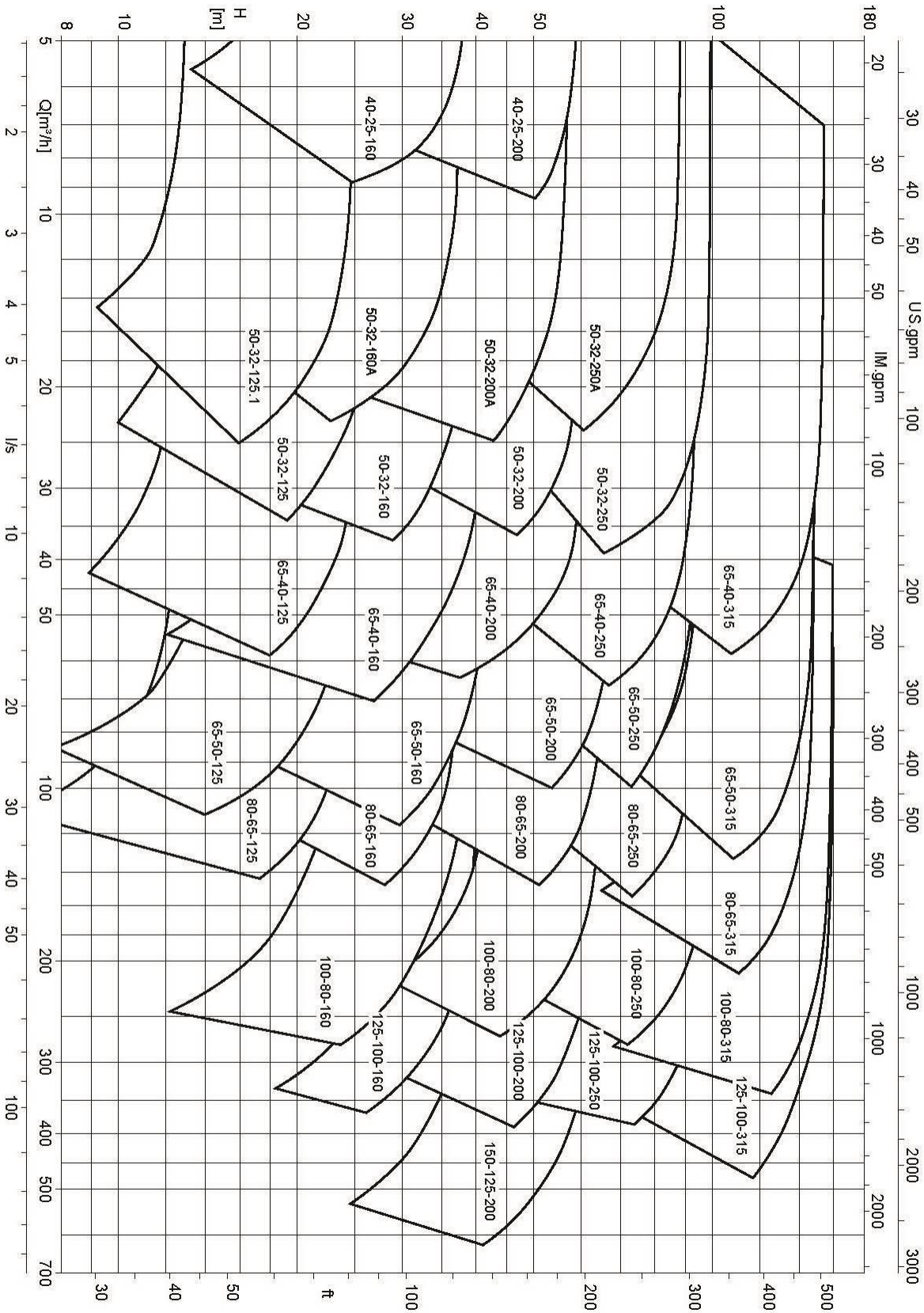


Our pump factory is approved by ISO9001, ISO14001 and OHSAS18001. We also have the certificate of CE. Our factory is over 50,000 square meters with the professional engineer over 20. The Max casting parts weight we could do one time is 7 tons. And we have capacity to produce 600 tons per month and with the heat treatment furnace dimension 6mx5.5mx2.5m. The Max parts we could machine is 6.4 meters and we have capacity to assemble the pump over 1800mm and our cranes capacity is 30 tons.

我厂分别通过了 ISO9001、ISO14001 和 OHSAS18001 的认证。且拥有 CE 认证。本厂占地面积 50000 多平方米，专业工程师 20 余人，一次可承重 7 吨。我们有能力每月生产 600 吨，热处理炉尺寸为 6mx5.5mx2.5m。我们可以加工的最大零件为 6.4 米，我们有能力组装超过 1800 毫米的泵，我们的起重机容量为 30 吨。

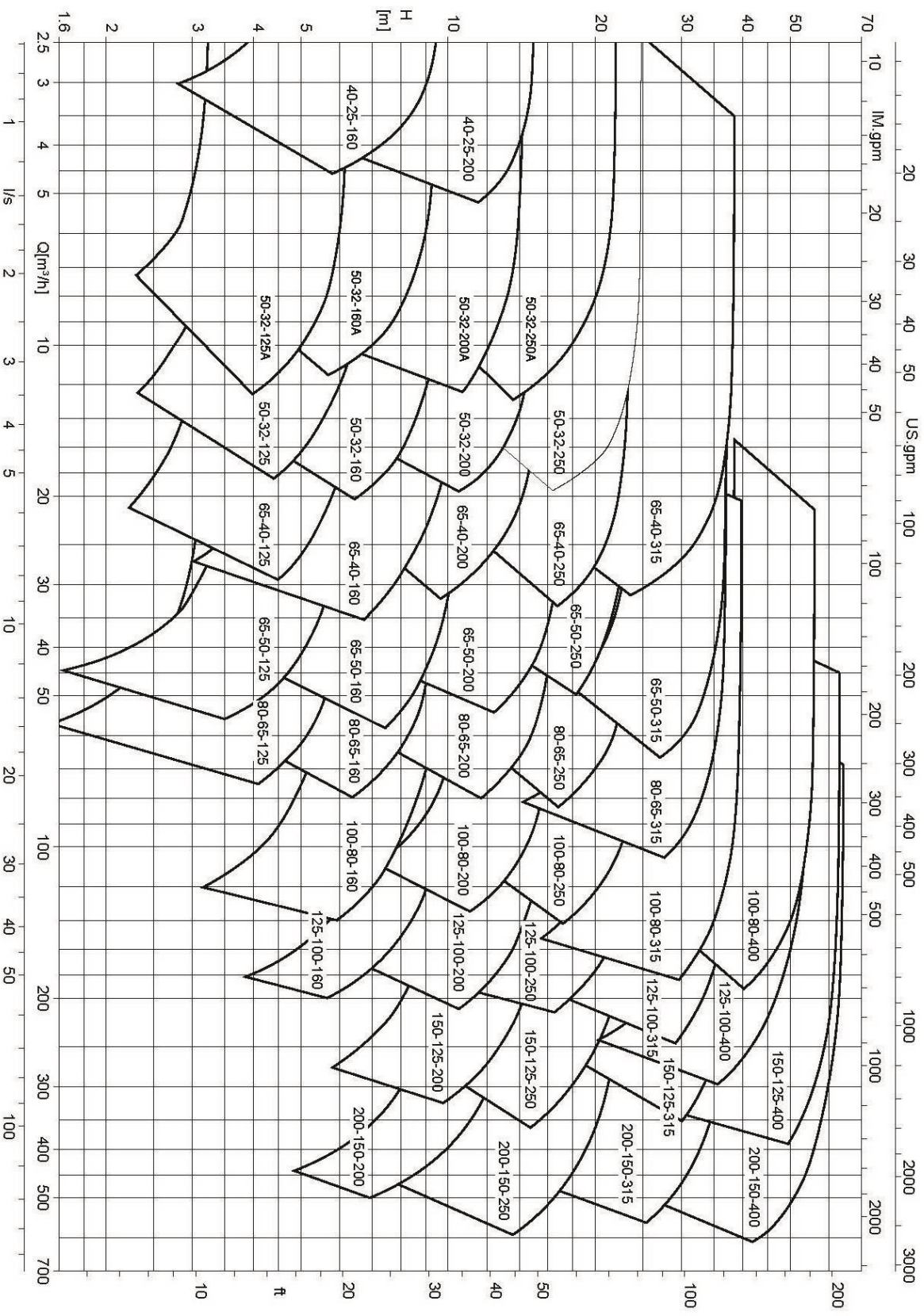
QI(H) End Suction Centrifugal Pump

The Selection Charts 选型表
2900r/min



The Selection Charts 选型表

1450r/min



QI(H) End Suction Centrifugal Pump

The QI (H) End Suction Centrifugal Pump is designed according to ISO9906 (ISO2858).

QI (H) 端吸离心泵是根据 ISO9906 (ISO2858) 设计的。

QI centrifugal water pump is the pump for clean water and the other liquids physically and chemically similar to the clean water. The temperature of liquid shall not be over 80°C.

QI 离心水泵是用于输送清水及物理化学性质与清水类似的其他液体的泵，液体温度不得超过 80°C。

QIH series is the single stage, end suction centrifugal chemical pump, which can be widely used in the liquid corrosive between temperature in -20°C to 105 °C.

QIH 系列是单级、端吸离心化工泵，可广泛用于-20°C至 105°C温度范围内的腐蚀性液体。

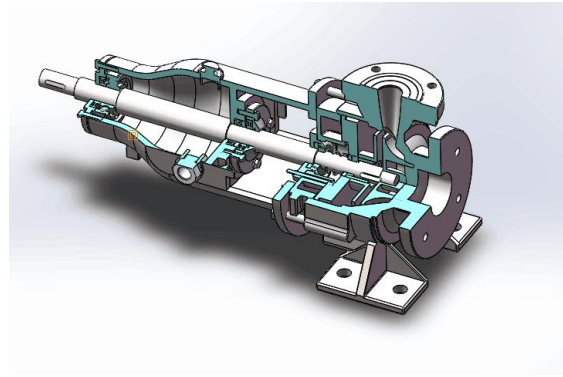
The QI (H) pump is high efficient pump and its average efficient is 5% higher than similar brand in the market.

QI (H) 泵为高效泵，平均效率比市场同类品牌高 5%。

The QI pump is suitable for water supply, sea water, processing water, cooling water, drain & dewatering, irrigation, pressure booster, air condition, heating and ventilating or fire fight department etc.

QI 泵适用于供水、海水、加工水、冷却水、排水、灌溉、增压、空调、采暖通风或消防部门等。

It could be driven by electric motor or diesel engine.
它可以由电动机或柴油发动机驱动。



Size: 1.5 inch – 2 inch

尺寸: 1.5 英寸-2 英寸

Flow: 3.8 m³/h – 1200 m³/h

流量: 3.8 m³/h - 1200 m³/h

Head: 4.6m – 133m

扬程: 4.6m – 133m

The QIH Pump can handle the liquid corrosive and the viscosity similar to clean water.

QIH 泵可以处理腐蚀性和粘度类似于清水的液体。

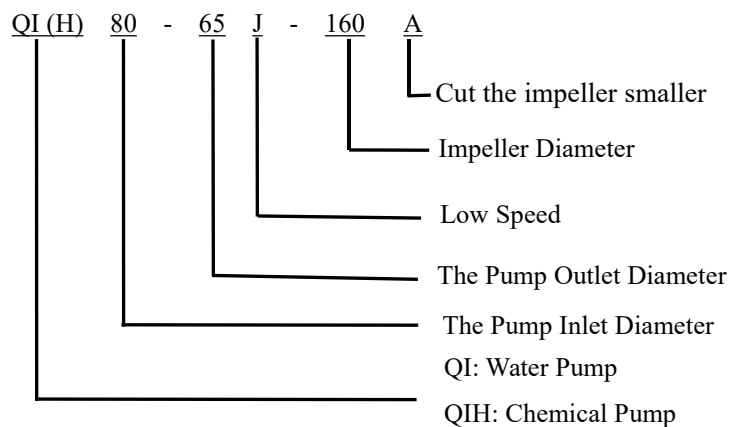
It could be coupled with cooling system for high temperature medium.

可与高温介质冷却系统配套使用。

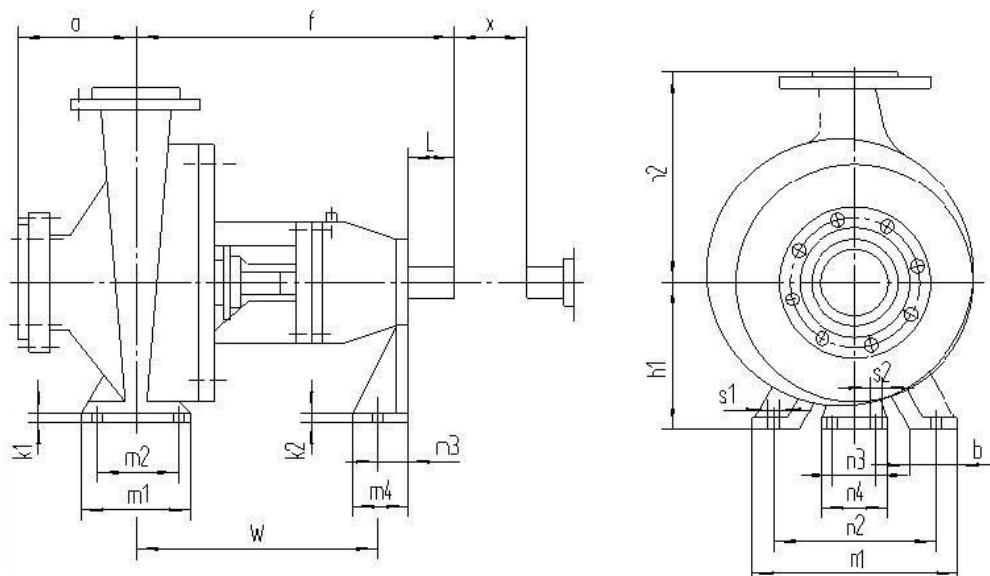
The pump supported in gland packing seal and different type of mechanical seals widely used in chemical, petroleum, metallurgy, power, paper making, food, pharmacy and synthetic fiber etc..

该泵支持填料密封和不同类型的机械密封，广泛应用于化工、石油、冶金、电力、造纸、食品、制药和合成纤维等行业。

Model 型号



Overall and Dimensions Figure 外形尺寸图



Type of Pump 泵型号	Pump 泵				Pump Feet 泵脚												w	Bolt holes 螺栓孔		Shaft End 轴端		Space 空隙		
	a	f	h ₁	h ₂	b	m ₁	m ₂	m ₃	m ₄	n ₁	n ₂	n ₃	n ₄	k ₁	k ₂	s ₁		s ₂	d	L	x			
QI(H)50-32-125	80	385	112	140	50	100	70	19	60	190	140	110	145	14	10	285	4-Φ14.5	2-Φ14.5	24	50	100			
QI(H)50-32-160																								
QI(H)50-32-200																								
QI(H)50-32-250	100	500	180	225	65	125	95	25	65	320	250	110	145	20	14	370						32	80	100
QI(H)65-50-125	80	385	112	140	50	100	70	19	60	210	160	110	145	14	10	285	4-Φ14.5	2-Φ14.5	24	50	100			
QI(H)65-50-160																								
QI(H)65-40-200			100																					
QI(H)65-40-250	100	500	180	225	65	125	95	25	65	320	250	110	145	20	14	370			4-Φ14.5	2-Φ14.5		32	80	100
QI(H)65-40-315	125		200	250																				
QI(H)80-65-125	100	385	132	160	50	100	70	19	60	240	190	110	145	16	10	285	4-Φ14.5	2-Φ14.5			24	50	100	
QI(H)80-65-160																								

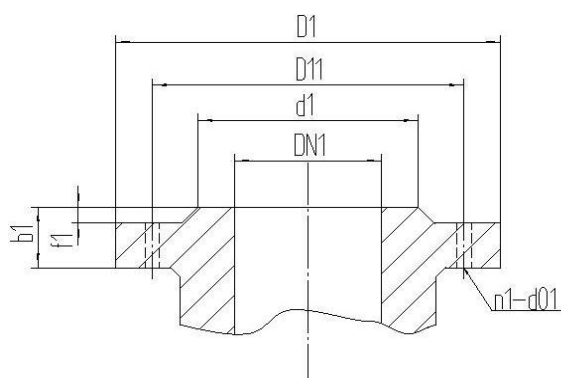
QI(H) End Suction Centrifugal Pump

Type of Pump 泵型号	Pump 泵				Pump Feet 泵脚												w	Bolt holes 螺栓孔		Shaft End 轴端		Space 空隙	
	a	f	h ₁	h ₂	b	m ₁	m ₂	m ₃	m ₄	n ₁	n ₂	n ₃	n ₄	k ₁	k ₂	s ₁		s ₂	d	L	x		
QI(H)80-50-200	100	385		200	50	100	70	19	60	265	212	110	145	16	10	285	4-Φ14.5	2-Φ14.5	24	50	100		
QI(H)80-50-250	125	500	180	225	65	125	95	25	65	320	250	110	145	20	10	285	4-Φ14.5	2-Φ14.5	24	50	100		
QI(H)80-50-315			225	280						345	280				14	370			32	80	100		
QI(H)100-80-125	100	385		180	65	125	95	19	60	280	212	110	145	16	10	285	4-Φ14.5	2-Φ14.5	24	50	100		
QI(H)100-80-160		500	160	200				24						370		32			80				
QI(H)100-65-200	100	500	180	225	65	125	95	25	65	320	250	110	145	20	14	370	4-Φ14.5	2-Φ14.5	32	80	140		
QI(H)100-65-250	125		200	250	80	160	120			360	280						110		145	4-Φ18.5	42	110	140
QI(H)100-65-315			530	225	280	28	400			315	25						42		110	140			
QI(H)125-100-200	125	500	200	280	80	160	120	25	65	360	280	110	140	20	14	370	4-Φ18.5	2-Φ14.5	32	80	140		
QI(H)125-100-250	140	530	225	280						400	315								110	145		25	42
QI(H)125-100-315			250	315				400	315	110	145	25	4-Φ24	42					110				
QI(H)125-100-400			280	355				100	200	150	500	400	4-Φ24	42					110				
QI(H)150-125-250	140	530	250	355	80	160	120	28	65	400	315	110	145	25	14	370	4-Φ18.5	2-Φ14.5	42	110	140		
QI(H)150-125-315			280	355	100	200	150			500	400						4-Φ24	2-Φ14.5	42	110	140		
QI(H)150-125-400	140	530	315	400	100	200	150	28	65	500	400	110	145	25	14	370	4-Φ24	2-Φ18.5	42	110	140		
QI(H)200-150-250	160		280	375	100	200	150	28	65	500	400	110	145	25	14	370			42	110	180		
QI(H)200-150-315			400	38				80	550	450	140	200	30	30	500	48							
QI(H)200-150-400			670	315				450	48														

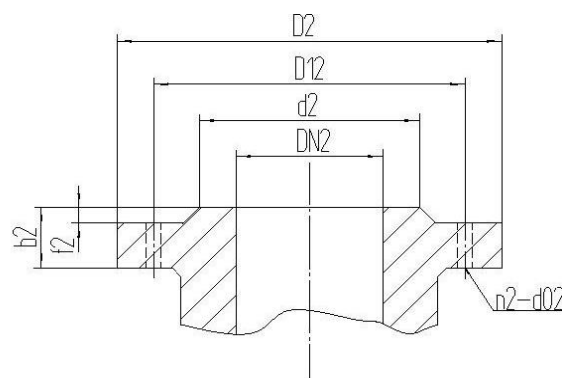
Type of Pump 泵型号	Pump 泵				Pump Feet 泵脚											w	Bolt holes 螺栓孔		Shaft End 轴端		Space 空隙
	a	f	h ₁	h ₂	b	m ₁	m ₂	m ₃	m ₄	n ₁	n ₂	n ₃	n ₄	k ₁	k ₂		s ₁	s ₂	d	L	x
QI200-150-500	180	740	375	500	50	200	150	63	37	550	450	200	140	22	8		M24	M18	48	110	
QI250-200-500	200	804	400	560	50	200	150	63	37	660	560	200	140	22	8		M24	M18	60	140	
QI300-250-500	200	804	425	670	65	260	190	63	37	800	670	200	140	22	8		M24	M18	60	140	
QI125-80-400	128	600	279	354			120				355						4-Φ19				

QI(H) End Suction Centrifugal Pump

Dimensions of Suction and Delivery Flange Figure for Type QI Pump QI 泵出口法兰尺寸



Inlet Flange Data



Outlet Range Data

Pump 泵型号	Dimensions of Suction Flange 进口法兰							Dimensions of Delivery Flange 出口法兰						
	DN ₁	D ₁	D ₁₁	d ₁	b ₁	f ₁	n-d ₀₁	DN ₂	D ₂	D ₁₂	d ₂	b ₂	f ₂	n-d ₀₂
QI(H)50-32-125	50	165	125	102	20	3	4-φ17.5	32	140	100	78	18	3	4-φ17.5
QI(H)50-32-160														
QI(H)50-32-200														
QI(H)50-32-250														
QI(H)65-50-125	65	185	145	122	20	3	4-φ17.5	50	165	125	102	20	3	4-φ17.5
QI(H)65-50-160														
QI(H)65-40-200	65	185	145	122	20	3	4-φ17.5	40	150	110	88	18	3	4-φ17.5
QI(H)65-40-250														
QI(H)65-40-315														
QI(H)80-65-125	80	200	160	133	22	3	8-φ17.5	65	185	145	122	20	3	4-φ17.5
QI(H)80-65-160														
QI(H)80-50-200	80	200	160	133	22	3	8-φ17.5	50	165	125	102	20	3	4-φ17.5
QI(H)80-50-250														
QI(H)80-50-315														
QI(H)100-80-125	100	220	180	158	24	3	8-φ17.5	80	200	160	133	22	3	8-φ17.5
QI(H)100-80-160														
QI(H)100-65-200	100	220	180	158	24	3	8-φ17.5	65	185	145	122	20	3	4-φ17.5
QI(H)100-65-250														
QI(H)100-65-315														
QI(H)125-100-200	125	250	210	184	26	3	8-φ17.5	100	220	180	158	24	3	8-φ17.5
QI(H)125-100-250														
QI(H)125-100-315														
QI(H)125-100-400														
QI(H)150-125-250	150	285	240	212	28	3	8-φ22	125	250	210	184	26	3	8-φ17.5
QI(H)150-125-315														
QI(H)150-125-400														
QI(H)200-150-250	200	340	295	268	30	3	8-φ22	150	285	240	212	28	3	8-φ22
QI(H)200-150-315														

Size and performance parameters of QI(H) pump QI (H) 泵性能表

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功 率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)25-20-250	2	80	2900		7.5	12	2.5		25	20	
	3.6	80				18					
	5.5	78				26					
QI(H)40-25-160	6.3	32	2900		3	30	3		40	25	
	8	32				31					
	10	30				32					
QI(H)40-25-200	6.3	50	2900		5.5	20	3		40	25	
	8	50				23					
	10	48				30					
QI(H)40-32-250	6.3	80	2900		11	20	5		40	32	
	8	80				24					
	12	78				34					
QI(H)40-32 J -250	3	20	1450		1.5	15	5		40	32	
	4	20				20					
	6	19.5				30					
QI(H)50-32-125	7	22	2900	0.96	2.2	47	3.2	456x190x252	50	32	34
	12.5	20		1.13		52					
	15	16		1.26		50					
QI(H)50-32J-125	3.5	4.5	1450	0.13	0.55	40	3.2	456x190x252	50	32	34
	6.3	5		0.16		45					
	7.5	4		0.17		42					
QI(H)50-32-160	7.0	33	2900	0.71	4	35	3.2	456x190x252	50	32	33
	12.5	32		0.84		47					
	15	30		0.93		47					
QI(H)50-32J-160	3.5	4.5	1450	0.10	0.55	30	3.2	456x190x252	50	32	33
	6.3	5		0.12		40					
	7.5	4		0.13		40					
QI(H)50-32-160A	7.0	30	2900	1.36	2.2	42	2	465x240x292	50	32	38
	11.7	28		1.71		52	2				
	14	26		1.83		54	2.5				
QI(H)50-32J-160A	3.5	7.4	1450	0.21	0.55	34	2	465x240x292	50	32	38
	5.9	7		0.25		45.5	2				
	7	6.6		0.27		46	2.5				
QI(H)50-32-160B	6	25.8	2900	1.05	1.5	40	2	465x240x292	50	32	37
	10	23		1.25		50	2				
	12	21		1.32		52	2.5				
QI(H)50-32J-160B	3	6.4	1450	0.16	0.55	32	2	465x240x292	50	32	37
	5.4	6		0.21		42	2				
	6.5	5.6		0.23		43	2.5				
QI(H)50-32-160A	7.5	52.5	2900	2.82	5.5	38	2	465x240x340	50	32	43
	12.5	50		3.54		48	2				
	15	48		3.95		51	2.5				

QI(H) End Suction Centrifugal Pump

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)50-32J-200	7.5	52.5	2900	2.82	5.5	38	2	465x240x340	50	32	43
	12.5	50		3.54		48	2				
	15	48		3.95		51	2				
QI(H)50-32J-200	3.8	13.1	1450	0.41	0.75	33	2	465x240x340	50	32	43
	6.3	12.5		0.51		42	2				
	7.5	12		0.56		44	2.5				
QI(H)50-32-200A	7	45.3	2900	2.33	4	37	2	465x240x340	50	32	42
	11.7	44		3.05		46	2				
	14	41.5		3.2		49.5	2.5				
QI(H)50-32J-200A	3.5	11.3	1450	0.34	0.55	32	2	465x240x340	50	32	42
	7.9	11		0.44		40.5	2				
	7	10.4		0.46		42.5	2.5				
QI(H)50-32-200B	6.5	39.6	2900	1.95	3	36	2	465x240x340	50	32	41
	10.8	37.5		2.42		45.5	2				
	13	36		2.63		48.5	2.5				
QI(H)50-32J-200B	3.3	9.9	1450	0.28	0.55	31	2	465x240x340	50	32	41
	5.4	9.5		0.36		39	2				
	6.5	9.1		0.39		41.2	2.5				
QI(H)50-32-250	7.5	82	2900	5.87	11	28.5	2	600x320x405	50	32	75
	12.5	80		7.16		38	2				
	15	78.5		7.83		41	2.5				
QI(H)50-32J-250	3.8	20.5	1450	0.91	1.5	23	2	600x320x405	50	32	75
	6.3	20		1.07		32	2				
	7.5	19.5		1.14		35	2.5				
QI(H)50-32-250A	7	72	2900	4.9	7.5	28	2	600x320x405	50	32	74
	11.7	70		5.95		37.5	2				
	14	68.5		6.53		40	2.5				
QI(H)50-32J-250A	3.5	18	1450	0.76	1.1	322.1	2	600x320x405	50	32	74
	5.9	17.5		0.89		31.5	2				
	7	16.5		0.91		34.5	2.5				
QI(H)50-32-250B	6	61.5	2900	3.65	5.5	27.5	2	600x320x405	50	32	73
	10	60		4.48		36.5	2				
	12	58.5		4.9		39	2.5				
QI(H)50-32J-250B	3.2	15.3	1450	0.63	0.75	21.5	2	600x320x405	50	32	73
	5.4	15		0.72		30.5	2				
	6	13.8		0.67		33.5	2.5				
QI(H)65-50-125	15	21.8	2900	1.54	3	58	2	456x210x252	65	50	36
	25	20		1.97		69	2				
	30	18.5		2.22		68	2.5				

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口 直径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)65-50J-125	7.5	5.35	1450	0.21	0.55	53	2	456x210x252	65	50	36
	12.5	5		0.27		64	2				
	15	4.7		0.3		65	2.5				
QI(H)65-50J-125A	6.7	4.3	1450	0.15	0.55	52	2	456x210x252	65	50	35
	11.2	4		0.19		63	2				
	13.5	3.8		0.22		64	2.5				
QI(H)65-50J-125B	12.6	14.8	2900	0.93	1.5	54.6	2	456x210x252	65	50	34
	21	13.5		1.19		64.8	2				
	25.2	12.5		1.35		63.5	2.5				
QI(H)65-50-160	15	35	2900	2.65	5.5	54	2	456x240x292	65	50	42
	25	32		3.35		65	2				
	30	30		3.71		66	2.5				
QI(H)65-50J-160	7.5	8.8	1450	0.36	0.75	50	2	456x240x292	65	50	42
	12.5	8		0.45		60	2				
	15	7.2		0.49		60	2.5				
QI(H)65-50-160A	14	30.5	2900	2.15	4	54	2	456x240x292	65	50	41
	23.4	28		2.75		65	2				
	28	26.3		3.04		66	2.5				
QI(H)65-50J-160A	7	7.6	1450	0.29	0.55	50	2	456x240x292	65	50	41
	11.7	7		0.37		60	2				
	14	6.3		0.4		60	2.5				
QI(H)65-50-160B	13	26.3	2900	1.76	3	53	2	456x240x292	65	50	40
	21.7	24		2.22		64	2				
	26	22.5		2.45		65	2.5				
QI(H)65-50J-160B	6.5	6.57	1450	0.24	0.55	49	2	456x240x292	65	50	40
	10.8	6		0.3		59	2				
	13	5.63		0.34		50	2.5				
QI(H)65-40-200	15	53	2900	4.42	7.5	49	2	485x265x340	65	40	45
	25	50		5.67		60	2				
	30	47		6.29		61	2.5				
QI(H)65-40J-200	7.5	13.2	1450	0.63	1.1	43	2	485x265x340	65	40	45
	12.5	12.5		0.77		55	2				
	15	11.8		0.85		57	2.5				
QI(H)65-40-200A	14	46.2	2900	3.59	5.5	49	2	485x265x340	65	40	43
	23.4	44		4.67		60	2				
	18	41		5.13		61	2.5				
QI(H)65-40J-200A	7	11.5	1450	0.51	0.75	43	2	485x265x340	65	40	43
	11.7	11		0.64		55	2				
	14	10.3		0.69		57	2.5				

QI(H) End Suction Centrifugal Pump

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)65-40-200B	12.6	37	2900	2.67	4	47.5	2	485x265x340	65	40	41
	21.7	35.5		3.48		58	2				
	24	33		3.64		59	2.5				
QI(H)65-40J-200B	6.3	9.1	1450	0.37	0.55	42	2	485x265x340	65	40	41
	10.5	8.6		0.45		54	2				
	12.6	8		0.49		56	2.5				
QI(H)65-40-250	15	82	2900	9.05	15	37	2	600x320x405	65	40	77
	25	80		10.89		53	2				
	30	78		12.02		53	2.5				
QI(H)65-40J-250	7.5	21	1450	1.23	2.2	35	2	600x320x405	65	40	77
	12.5	20		1.48		48	2				
	15	18.5		1.65		48	2.5				
QI(H)65-40-250A	14	72	2900	7.52	11	36.5	2	600x320x405	65	40	76
	23.4	70		8.75		51	2				
	28	68.5		8.95		52.5	2.5				
QI(H)65-40J-250A	7	18	1450	0.98	1.5	35	2	600x320x405	65	40	76
	11.7	17.5		1.24		45	2				
	14	17		1.38		47	2.5				
QI(H)65-40-250B	12.5	59	2900	5.58	7.5	36	2	600x320x405	65	40	75
	21	56		6.67		48	2				
	25	53.5		7		52	2.5				
QI(H)65-40J-250B	6	15.5	1450	0.734	1.1	34.5	2	600x320x405	65	40	75
	10	14		0.87		44	2				
	12	13.5		0.96		46	2.5				
QI(H)65-40-315	15	127	2900	18.5	30	28	2.5	625x345x450	65	40	85
	25	125		21.3		40	2.5				
	30	123		22.8		44	3				
QI(H)65-40J-315	7.5	32.3	1450	2.63	4	25	2.5	625x345x450	65	40	85
	12.5	32		2.94		37	2.5				
	15	31.7		3.16		41	3				
QI(H)65-40-315A	14.3	115.4	2900	17.98	22	28	2.5	625x345x450	65	40	83
	23.9	114		18.78		38.55	2.5				
	28.7	112.6		20.23		43.5	3				
QI(H)65-40J-315A	7	29	1450	2.25	3	25	2.5	625x345x450	65	40	83
	11.7	28.5		2.49		36.5	2.5				
	14	28		2.64		40.5	3				
QI(H)65-40-315B	13.6	104.7	2900	13.85	18.5	28	2.5	625x345x450	65	40	81
	22.7	103		16.33		39	2.5				
	27.7	101		17.4		43	3				

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)65-40J-315B	6.5	26.2	1450	1.84	2.2	25	2.5	625x345x450	65	40	81
	10.8	24		1.96		36	2.5				
	13	23		2.04		40	3				
QI(H)65-40-315C	12	12.52	2900	11.19	15	27	2.5	625x345x450	65	40	79
	20	92.5		13.02		38.5	2.5				
	24	89		13.69		42.5	3				
QI(H)65-40J-315C	6	23	1450	1.5	2.2	25	2.5	625x345x450	65	40	79
	10	22.5		1.7		36	2.5				
	12	22		1.8		40	3				
QI(H)80-65-125	30	22.5	2900	2.87	5.5	64	3	485x240x292	80	65	38
	50	20		3.63		75	3				
	60	18		3.97		74	3.5				
QI(H)80-65J-125	15	5.6	1450	0.42	0.75	55	2.5	485x240x292	80	65	38
	25	5		0.48		71	2.5				
	30	4.5		0.51		72	3				
QI(H)80-65-125A	26.8	18	2900	2.09	4	63	3	485x240x292	80	65	37
	44.7	16		2.63		74	3				
	53.6	14.4		2.9		72.5	3.5				
QI(H)80-65J-125A	13.4	4.5	1450	0.3	0.55	54.5	2.5	485x240x292	80	65	37
	22.4	4		0.35		70	2.5				
	26.9	3.6		0.37		71	3				
QI(H)80-65J-125B	26	16.4	2900	1.93	3	60	3	485x240x292	80	65	36
	43.4	14.6		2.43		71	3				
	52	13.1		2.67		69	3.5				
QI(H)80-65-160	30	36	2900	4.82	7.5	61	2.5	485x265x340	80	65	44
	50	32		5.97		73	2.5				
	60	29		6.58		72	3				
QI(H)80-65J-160	15	9	1450	0.67	1.5	55	2.5	485x265x340	80	65	44
	25	8		0.79		69	2.5				
	30	7.2		0.86		68	3				
QI(H)80-65-160A	27	3.05	2900	3.74	5.5	60	2.5	485x265x340	80	65	43
	45	27		4.6		72	2.5				
	54	24.5		50.7		71	3				
QI(H)80-65J-160A	14	7.9	1450	0.56	1.1	54	2.5	485x265x340	80	65	43
	23.4	7		0.67		67	2.5				
	28.1	6.3		0.73		66	3				
QI(H)80-65-160B	24	25	2900	2.77	4	59	2.5	485x265x340	80	65	42
	40	22		3.42		70	2.5				
	48	19.5		3.69		69	3				

QI(H) End Suction Centrifugal Pump

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)80-65J-160B	13	6.8	1450	0.45	0.75	53	2.5	485x265x340	80	65	42
	21.7	6		0.54		66	2.5				
	26	5.4		0.59		65	3				
QI(H)80-50-200	30	53	2900	7.87	15	55	2.5	485x265x340	80	50	47
	50	50		9.87		69	2.5				
	60	47		10.8		71	3				
QI(H)80-50J-200	15	13.2	1450	1.06	2.2	51	2.5	485x265x340	80	50	47
	25	12.5		1.31		65	2.5				
	30	11.8		1.44		67	3				
QI(H)80-50-200A	28.1	46.6	2900	6.54	11	54.5	2.5	485x265x360	80	50	46
	46.8	44		8.37		67	2.5				
	56.2	41.4		9.12		69.5	3				
QI(H)80-50J-200A	14	11.6	1450	0.88	1.5	50.5	2.5	485x265x360	80	50	46
	23.4	11		1.11		63	2.5				
	28	10.4		1.22		65	3				
QI(H)80-50-200B	25	40.2	2900	5.07	7.5	54	2.5	485x265x360	80	50	45
	41.5	38		6.51		66	2.5				
	50	35.7		7.1		68.5	3				
QI(H)80-50J-200B	12.5	10	1450	0.68	1.1	50	2.5	485x265x360	80	50	45
	20.5	9.5		0.86		61.5	2.5				
	25	9		0.98		62.5	3				
QI(H)80-50-250	30	84	2900	13.2	22	52	2.5	625x320x405	80	50	81
	50	80		17.3		63	2.5				
	60	75		19.2		64	3				
QI(H)80-50J-250	15	21	1450	1.75	3	49	2.5	625x320x405	80	50	81
	25	20		2.27		60	2.5				
	30	18.8		2.52		61	3				
QI(H)80-50-250A	28.1	73.6	2900	10.8	18.5	52	2.5	625x320x405	80	50	79
	46.8	70		14.3		62.5	2.5				
	56.2	65.7		15.7		64	3				
QI(H)80-50J-250A	14	18.4	1450	1.43	2.2	49	2.5	625x320x405	80	50	79
	23.4	17.5		1.89		59	2.5				
	28	16		2.03		60	3				
QI(H)80-50-250B	26	63	2900	8.75	15	51	2.5	625x320x405	80	50	77
	43.3	60		11.41		62	2.5				
	52	56.2		12.64		63	3				
QI(H)80-50J-250B	12	15.75	1450	1.06	1.5	48.5	2.5	625x320x405	80	50	77
	20	15		1.4		58	2.5				
	24	12.5		1.38		59	3				

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口 直径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)80-50-315	30	128	2900	25.5	37	41	2.5	625x345x505	80	50	90
	50	125		31.5		54	2.5				
	60	123		35.3		57	3				
QI(H)80-50J-315	15	32.5	1450	3.4	5.5	39	2.5	625x345x505	80	50	90
	25	32		4.19		52	2.5				
	30	31.5		4.6		56	3				
QI(H)80-50-315A	28.7	116.9	2900	22.3	37	41	2.5	625x345x505	80	50	88
	47.7	114		27.4		54	2.5				
	57.3	112.3		30.7		57	3				
QI(H)80-50J-315A	14.3	29.2	1450	2.91	5.5	39	2.5	625x345x505	80	50	88
	23.8	28.5		3.55		52	2.5				
	28.7	28		3.91		56	3				
QI(H)80-50-315B	27.2	105.5	2900	19.06	30	41	2.5	625x345x505	80	50	86
	45.4	103		23.8		53.5	2.5				
	54.5	101.4		26.64		56.5	3				
QI(H)80-50J-315B	13.6	26.4	1450	2.51	4	39	2.5	625x345x505	80	50	86
	22.7	25.8		3.07		52	2.5				
	27.2	25.4		3.36		56	3				
QI(H)80-50-315C	24	92	2900	15.03	22	40	2.5	625x345x505	80	50	84
	40	89		18.29		53	2.5				
	48	87		21		54	3				
QI(H)80-50J-315C	12.9	23.5	1450	2.12	3	39	2.5	625x345x505	80	50	84
	20	23		2.43		51.5	2.5				
	24	22		2.6		55.5	3				
QI(H)100-80J-125	30	6	1450	0.77	1.5	64	4	485x280x340	100	80	44
	50	5		0.91		75	4.5				
	60	4		0.92		71	5				
QI(H)100-80-125A	53.7	19.2	2900	4.53	7.5	62	4	485x280x340	100	80	43
	89.4	16		5.26		74	4.5				
	107.5	14.8		6.37		68	5				
QI(H)100-80J-125A	26.9	4.8	1450	0.62	1.1	57	2.5	485x280x340	100	80	43
	44.7	4		0.74		66	2.5				
	53.7	3.7		0.85		64	3				
QI(H)100-80-160	60	38	2900	8.4	15	70	3.5	600x280x360	100	80	63
	100	32		11.2		78	4				
	120	28		12.2		75	4.5				
QI(H)100-80J-160	30	9.2	1450	1.12	2.2	67	2	600x280x360	100	80	63
	50	8		1.45		75	2.5				
	60	6.8		1.57		71	3.5				

QI(H) End Suction Centrifugal Pump

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口 直径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)100-80-160A	56.1	33.2	2900	7.3	11	69.5	3.5	600x280x360	100	80	62
	93.5	28		9.2		77.5	4				
	112.2	24.5		10.1		74	4.5				
QI(H)100-80J-160A	28.1	8	1450	0.92	1.5	66.5	2	600x280x360	100	80	62
	46.8	7		1.21		74	2.5				
	56.1	6		1.31		70	3.5				
QI(H)100-80-160B	5	28.4	2900	5.68	7.5	68	3.5	600x280x360	100	80	61
	83	24		6.5		76.5	4				
	100	19		7		73	4.5				
QI(H)100-80J-160B	24.5	6.8	1450	0.69	1.1	66	2	600x280x360	100	80	61
	41	5.3		0.81		73.5	2.5				
	49	4.5		0.87		69	3.5				
QI(H)100-65-200	60	54	2900	13.6	22	65	3	600x320x405	100	65	74
	100	50		17.9		76	3.6				
	120	47		19.9		77	4.8				
QI(H)100-65J-200	30	13.5	1450	1.84	4	60	2	600x320x405	100	65	74
	50	12.5		2.33		73	2				
	60	11.8		2.61		74	2.5				
QI(H)100-65-200A	56.1	47.6	2900	11.17	18.5	65	3	600x320x405	100	65	73
	93.5	44		14.48		75.5	3.6				
	112	41.4		16.47		77	4.8				
QI(H)100-65J-200A	28	11.9	1450	1.51	3	60	2	600x320x405	100	65	73
	46.8	11		1.93		72.5	2				
	56	10.4		2.16		73.5	2.5				
QI(H)100-65-200B	52	41	2900	8.9	15	65	3	600x320x405	100	65	72
	86.6	38		12.1		74	3.6				
	104	35.7		13.4		75.5	4.8				
QI(H)100-65J-200B	26	10.3	1450	1.21	2.2	60	2	600x320x405	100	65	72
	43.3	9.5		1.56		72	2				
	52	9		1.74		73.2	2.5				
QI(H)100-65-250	60	87	2900	23.4	37	61	3.5	625x360x450	100	65	87
	100	80		30.3		72	3.8				
	120	74.5		33.4		73	4.8				
QI(H)100-65J-250	30	21.3	1450	3.16	5.5	55	2	625x360x450	100	65	87
	50	20		4		68	2				
	60	19		4.44		70	2.5				
QI(H)100-65-250A	56.1	76	2900	19.35	30	60	3.5	625x360x450	100	65	86
	93.5	70		25.5		70	3.8				
	112	65		28.12		70.5	4.8				

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)100-65J-250A	28	18.6	1450	2.68	4	53	2	625x360x450	100	65	86
	46	17.5		3.35		65.5	2				
	55	16		3.55		67.5	2.5				
QI(H)100-65-250B	47.5	65.3	2900	15.36	22	55	3.5	625x360x450	100	65	85
	79	60		19.55		66	3.8				
	95	54		20.85		67	4.8				
QI(H)100-65J-250B	24.5	16	1450	2.09	3	51	2	625x360x450	100	65	85
	41	15		2.68		62.5	2				
	49	13.5		2.79		64.5	2.5				
QI(H)100-65-315	60	133	2900	39.6	75	55	3	655x400x505	100	65	104
	100	125		51.6		66	3.6				
	120	118		57.5		67	4.2				
QI(H)100-65J-315	30	34	1450	5.44	11	51	2	655x400x505	100	65	104
	50	32		6.92		63	2				
	60	30		7.67		64	2.5				
QI(H)100-65-315A	56	116	2900	32.2	55	55	3	655x400x505	100	65	102
	94	109		42.6		65.5	3.6				
	112	103		47.2		66.5	4.2				
QI(H)100-65J-315A	28	29.7	1450	4.4	7.5	51	2	655x400x505	100	65	102
	47	27.9		5.66		63	2				
	56	26		6.24		63.5	2.5				
QI(H)100-65-315B	52.4	102	2900	26.5	45	55	3	655x400x505	100	65	100
	87.4	95.7		35		65	3.6				
	105	90.3		39.4		65.5	4.2				
QI(H)100-65J-315B	26.2	26	1450	3.6	7.5	51	2	655x400x505	100	65	100
	23.7	24.5		4.6		62.8	2				
	52.5	23		5.3		62.5	2.5				
QI(H)100-65-315C	48.6	87.3	2900	21	37	55	3	655x400x505	100	65	98
	81	82		28.3		64	3.6				
	97.2	77		31.6		64.5	4.2				
QI(H)100-65J-315C	24.3	22.3	1450	2.9	5.5	51	2	655x400x505	100	65	98
	40.5	21		3.7		62	2				
	48.6	20		4.3		62	2.5				
QI(H)125-100-200	120	57.5	2900	28	45	67	4.5	625x360x480	125	100	128
	200	50		33.6		81	4.5				
	240	44.5		36.4		80	5				
QI(H)125-100J-200	60	14.5	1450	3.63	7.5	52	2.5	625x360x480	125	100	128
	100	12.5		4.48		76	2.5				
	120	11		4.79		75	3				

QI(H) End Suction Centrifugal Pump

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)125-10-200A	112.5	50.5	2900	24	37	65	4.5	625x360x480	125	100	126
	187	44		28.4		79	4.5				
	225	39		31		77.5	5				
QI(H)125-100J-200A	56	12.7	1450	3.2	5.5	61	2.5	625x360x480	125	100	126
	93.5	11		3.8		64	2.5				
	112.5	9.7		4		73.5	3				
QI(H)125-100-200B	95	42	2900	17.38	22	62.5	4.5	625x360x480	125	100	125
	158	35		19.94		75.5	4.5				
	190	30.5		20.9		75.5	5				
QI(H)125-100J-200B	52	11	1450	2.6	4	59	2.5	625x360x480	125	100	125
	86.5	9.5		3.2		71	2.5				
	104.7	8.4		3.5		69	3				
QI(H)125-100-250	120	87	2900	43	75	66	3.8	670x400x505	125	100	144
	200	80		55.9		78	4.2				
	240	72		62.8		75	5				
QI(H)125-100J-250	60	21.5	1450	5.59	11	63	2.5	670x400x505	125	100	144
	100	20		7.17		76	2.5				
	120	18.5		7.85		77	3				
QI(H)125-100-250A	112	76	2900	35	55	66	3.8	670x400x505	125	100	142
	187	70		45.7		78	4.2				
	220	63		51.35		73.5	5				
QI(H)125-100J-250A	56	18.8	1450	4.6	7.5	63	2.5	670x400x505	125	100	142
	93.5	17.5		5.9		76	2.5				
	112	16.2		6.4		77	3				
QI(H)125-100-250B	104	65.3	2900	28	45	68	3.8	670x400x505	125	100	140
	173	60		36.2		78	4.2				
	206	54		41.5		73	5				
QI(H)125-100J-250B	52	16	1450	3.6	5.5	63	2.5	670x400x505	125	100	140
	86.5	15		4.7		75.5	2.5				
	104	13.5		5		76.5	3				
QI(H)125-100-315	120	132.5	2900	72.1	110	60	4	670x400x565	125	100	189
	200	125		90.8		75	4.5				
	240	120		102		77	5				
QI(H)125-100J-315	60	33.5	1450	9.4	15	58	2.5	670x400x565	125	100	189
	100	32		11.9		73	2.5				
	120	30.5		13.5		74	3				
QI(H)125-100-315A	114	121	2900	63	110	59.5	4	670x400x565	125	100	187
	191	114		80.7		73.5	4.5				
	229	109		90		75.5	5				

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)125-100J-315A	57	30.5	1450	8.4	15	56.5	2.5	670x400x565	125	100	187
	95.5	28.5		10.3		72	2.5				
	114	27.8		11.9		72.5	3				
QI(H)125-100-315B	108	109.8	2900	55.2	90	58.5	4	670x400x565	125	100	185
	181.6	103		71.2		71.5	4.5				
	218	99		78.3		75	5				
QI(H)125-100J-315B	54	27.6	1450	7.4	11	54.5	2.5	670x400x565	125	100	185
	90	25.8		9.03		70	2.5				
	107	24.5		10.06		70	3				
QI(H)125-100-315C	103	98	2900	47.4	75	58	4	670x400x565	125	100	184
	171.6	92		60.6		71	4.5				
	206	88		67.7		73	5				
QI(H)125-100J-315C	51.4	24.7	1450	6.4	11	54	2.5	670x400x565	125	100	184
	85.8	23		7.7		69.5	2.5				
	103	22.5		8.95		70.5	3				
QI(H)125-100-400	60	52	1450	16.1	30	53	2.5	670x500x635	125	100	222
	100	50		21		65	2.5				
	120	48.5		23.6		67	3				
QI(H)125-100-400A	56.3	45.7	1450	13.2	22	53	2.5	670x500x635	125	100	220
	93.5	44		17.2		65	2.5				
	112.5	42.7		19.6		66.8	3				
QI(H)125-100-400B	52	39.5	1450	10.6	18.5	53	2.5	670x500x635	125	100	218
	86.5	38		13.9		64.5	2.5				
	104	37		15.76		66.5	3				
QI(H)150-125-250	120	22.5	1450	10.7	18.5	71	3	670x400x605	150	125	164
	200	20		13.5		81	3				
	240	17.5		14.66		78	3.5				
QI(H)150-125-250A	112	19.7	1450	8.8	15	68.5	3	670x400x605	150	125	162
	187	17.5		11.6		77	3				
	224.7	15.3		12.5		75	3.5				
QI(H)150-125-250B	104	16.9	1450	7.4	11	64.5	3	670x400x605	150	125	160
	173	15		9.4		75	3				
	206	13		10.27		71	3.5				
QI(H)150-125-315	120	34	1450	15.9	30	70	2.5	670x500x635	150	125	184
	200	32		22.1		79	2.5				
	240	29		23.7		80	3				
QI(H)150-125-315A	112	29.7	1450	13	22	69	2.5	670x500x635	150	125	182
	187	28		18.2		78.5	2.5				
	224	25.3		19.5		79	3				

QI(H) End Suction Centrifugal Pump

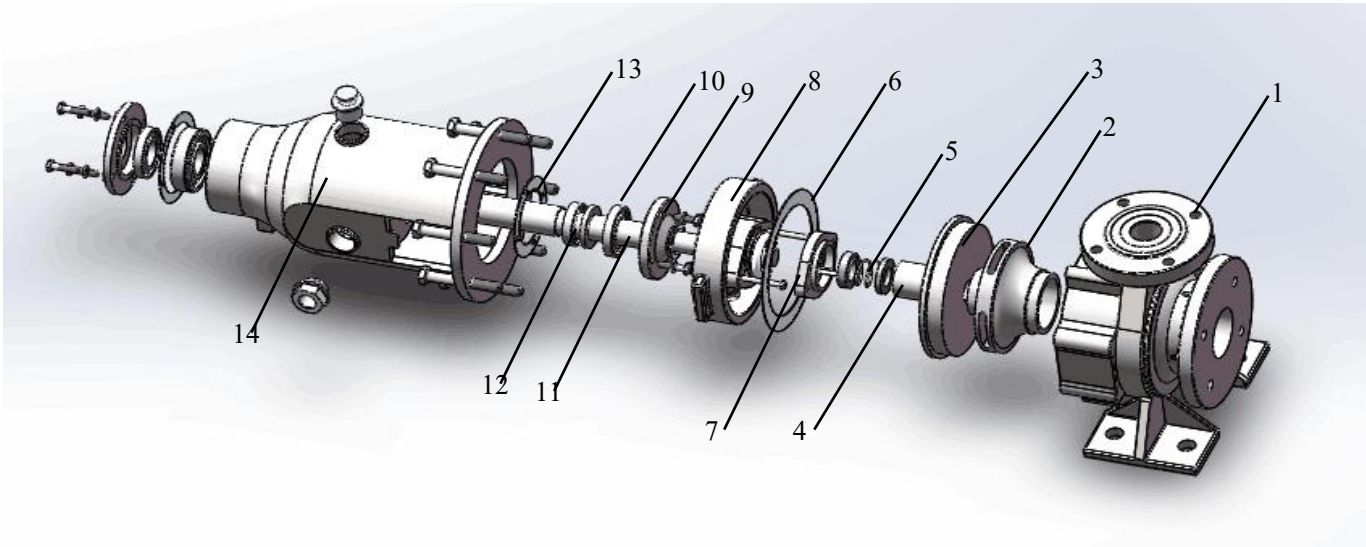
Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)150-125-315B	104	25.5	1450	10.5	18.5	68	2.5	670x500x635	150	125	180
	173	24		14.6		77.5	2.5				
	208	21.7		15.76		78	3				
QI(H)150-125-400	120	53	1450	27.9	45	62	2	670x500x715	150	125	204
	200	50		36.3		75	2.8				
	240	46		40.6		74	3.5				
QI(H)150-125-400A	112	46.6	1450	23	37	62	2	670x500x715	150	125	202
	187	44		30.1		74.5	2.8				
	225	40.4		33.9		73	3.5				
QI(H)150-125-400B	104	40.3	1450	18.5	30	62	2	670x500x715	150	125	200
	173	38		24.19		74	2.8				
	208	35		27.35		72.5	3.5				
QI(H)200-150-250	240	22.5	1450	21.1	37	70	3	690x500x655	200	150	164
	400	20		26.1		82	3.5				
	460	17.5		27.75		79	4				
QI(H)200-150-250A	225	19.7	1450	18	30	67	3	690x500x655	200	150	163
	374	17.5		22.3		80	3.5				
	430	15.3		23		78	4				
QI(H)200-150-250B	209	16.9	1450	14.7	22	65.5	3	690x500x655	200	150	162
	346	15		18.2		77.5	3.5				
	400	13.1		18.5		77	4				
QI(H)200-150-315	240	37	1450	34.6	55	70	3	830x550x715	200	150	195
	400	32		32.5		82	3.5				
	460	28.5		44.6		80	4				
QI(H)200-150-315A	225	32.5	1450	28.9	45	69	3	830x550x715	200	150	193
	374	28		35.4		80.5	3.5				
	430	25		37.3		78.5	4				
QI(H)200-150-315B	209	28	1450	23.3	37	68	3	830x550x715	200	150	191
	346	24		29		78	3.8				
	400	21.4		30.3		77	4.5				
QI(H)200-150-400	240	55	1450	48.6	90	74	3	830x550x765	200	150	220
	400	50		67.2		81	3.8				
	460	45		74.2		76	4.5				
QI(H)200-150-400A	225	48.4	1450	40.6	75	73	3	830x550x765	200	150	218
	374	44		56		80	3.8				
	430	39.6		62.7		74	4.5				
QI(H)200-150-400B	209	41.8	1450	33	55	72	3	830x550x765	200	150	216
	346	38		45.3		79	3.8				
	400	34		51.44		72	4.5				

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI(H)200-150-400C	194	34	1450	25.8	45	69.5	3	830x550x765	200	150	214
	324	3.08		35.6		76.3	3.8				
	372	27.8		39.3		71.4	4.5				
QI(H)250-200-315	380	35.5	1480	51.72	90	71	5.5		250	200	1280
	630	32		64.95		84.5					
	760	29		71.43		84					
QI(H)250-200-315A	360	31.6	1480	44.56	75	69.5	5.4		250	200	1165
	590	28.5		55.15		83					
	720	25.8		61.29		82.5					
QI(H)250-200-315B	340	27.7	1480	37.43	75	68.5	5.3		250	200	1164
	560	25		46.48		82					
	670	22.6		50.58		81.5					
QI(H)250-200-400	380	52	1480	75.76	132	71	5.5		250	200	
	630	50		101.48		84.5					
	760	46.7		117.11		82.5					
QI(H)250-200-400A	360	46.8	1480	65.99	110	69.5	5.4		250	200	
	600	45		88.55		83					
	720	42		101.63		81					
QI(H)250-200-400B	340	41.6	1480	56.21	110	68.5	5.3		250	200	
	560	40		74.36		82					
	680	37.4		86.54		80					
QI(H)250-200-400C	320	36.4	1480	46.98	90	67.5	5.1		250	200	
	530	35		62.34		81					
	640	32.7		72.11		79					
QI(H)300-250-315	600	38	1480	86.2	132	72	7.5		300	250	1845
	1000	32		101.29		86					
	1200	28		107.6		85					
QI(H)300-250-315A	570	33.8	1480	74.39	110	70.5	7.3		300	250	1720
	940	28.5		86.82		84					
	1130	24.8		91.36		83.5					
QI(H)300-250-315B	530	29.7	1480	61.66	90	69.5	7.1		300	250	1400
	880	25		72.16		83					
	1060	21.9		76.6		82.5					

QI(H) End Suction Centrifugal Pump

Type 型号	Capacity 流量 Q	Head 扬程 H	Speed 转速 n	Shaft Power 轴功率 Pa	Motor Power 电机功率	Eff. 效率	(NPSH)r 汽蚀余量	Overall Dimensions 外形尺寸 L*W*H	Inlet Dia. 进口 直径	Outlet Dia. 出口直 径	Weight 重量
	m3/h	m	r/min	kW	kW	%	m	mm	mm	mm	kg
QI200-150-500	180	91	1450	74.39	132	60	4	733X600X875	200	150	530
	420	80		117.38		78					
	500	72		128.01		76					
QI200-150-500A	160	82	1450	60.59	110	59	3	733X600X875	200	150	520
	400	70		97.78		78					
	460	65		107.6		75					
QI200-150-500B	120	70	1450	40.87	110	56	3	733X600X875	200	150	510
	360	65		82.81		77					
	420	58		88.52		75					
QI250-200-500	350	87	1450	127.65	220	65	3	860X700X960	250	200	581
	700	75		174.46		82					
	950	55		203.41		70					
QI250-200-500A	300	79	1450	105.87	160	61	3	860X700X960	250	200	575
	650	65		140.41		82					
	860	46		153.95		70					
QI250-200-500B	200	66	1450	62.02	110	58	3	860X700X960	250	200	570
	550	55		101.75		81					
	720	38		106.49		69					
QI300-250-500	850	87	1450	245.75	355	82	6	895X850X1095	300	250	623
	1200	80		300.68		87					
	1400	72		323.15		85					
QI300-250-500A	650	78	1450	184.21	315	75	6	895X850X1095	300	250	615
	1100	70		243.98		86					
	1280	62		263.72		82					
QI300-250-500B	550	65	1450	137.2	220	71	6	895X850X1095	300	250	600
	1000	55		172.27		87					
	1150	50		193.44		81					
QI125-80-400	128	224	2900	132.5	220	63	8	730X470X634	125	80	
	180	212		159.2		65					
	225	180		189.9		63					
QI125-80-400A	125	200	2900	109.8	185	62	8	730X470X634	125	80	
	145	195		120.3		64					
	228	153		153.3		62					
QI125-80-400B	78	180	2900	63.7	160	60	8	730X470X634	125	80	
	116	175		87.8		63					
	195	147		130.2		60					

Construction 结构



1	Casing 泵体	2	Impeller 叶轮	3	Back Cover
4	Shaft Sleeve 轴套	5	Packing(Mechanical Seal) 填料密封（机械密封）	6	Wearing Ring 耐磨环
7	Gland(Mechanical Seal Gland) 压盖（机械密封压盖）	8	Stuffing Box 填料函	9	End Cover 端盖
10	Oil Seal 油封	11	Shaft 轴	12	Bearing 轴承
13	End Cover Gasket 端盖垫片	14	Frame 托架		

QI(H) End Suction Centrifugal Pump

QI (H) Centrifugal Pump

QI (H) 离心泵

Horizontal, End suction with vertical discharge

The pull-back design allows the maintenance work without disturbing the pipeline connected or motor.

该泵型为卧式，端吸带垂直排出口，且后拉式设计确保后期维护时不用拆除连接管路或电机。

Flanges

法兰

The inlet and outlet Flanges is EN1092-1

泵进口和出口标准为 EN1092-1

Impellers

叶轮

There are seal rings both in front and the back of the impeller with hole in the impeller.

叶轮前后均有密封圈，叶轮上有孔。

There are different materials including all kinds of cast iron, stainless steel, bronze and duplex stainless steel or.

可以根据工况条件及客户要求提供不同材质的叶轮，包括不同等级铸铁、不锈钢、青铜和双相不锈钢等。

Casing

泵体

The casing is made by casing and back cover. The impeller, shaft and shaft sleeve is the rotating. The frame support the rotating work and the bearing stand the power in radial or axial.

外壳由外壳和后盖组成；叶轮、轴和轴套是旋转的；机架支撑旋转工作，轴承承受径向或轴向动力。

Shaft

轴

The normal shaft is carbon steel with heat treatment to increase its hardness.

通常轴是经过热处理的碳钢，其硬度比普通碳钢高。

Bearing

轴承

Grease Lubricated or Oil Lubricated

油脂润滑或油润滑

Shaft Seal

轴密封

Supported gland packing seal and mechanical seal.

根基工况条件提供填料密封和机械密封。

Gland Packing: fitted with removable lantern ring and square plaited packing. Packing is fittings over the sleeve to prevent shaft wear.

填料密封: 装有可拆卸的灯笼环和方形编织填料。填料是套在套筒上的配件，以防止轴磨损。

Mechanical Seal: Silicon Carbide type is the normal one but also support most type in the market.

机械密封: 碳化硅型是常见的一种，但也支持市场上的大多数类型。

Driven

驱动

TEFC electric motor or diesel engine.

Supported all brand of motor and all brand of diesel engine.

TEFC 电动机或柴油发动机。

支持所有品牌的电机和所有品牌的柴油机。

Spare Parts 泵备件



Coupling 联轴器



Stainless steel impeller 不锈钢叶轮



Casing 泵体



Bronze impeller 青铜叶轮



Shaft 轴



Cast Iron Impeller 铸铁叶轮



Mechanical Seal 机械密封

QI(H) End Suction Centrifugal Pump Manual

QI (H) 端吸离心泵手册



CAUTION! It is something should be obey or may lead the persona injury or damage in the pump or other equipment related!

注意！ 以下事项应该遵守的事情，否则可能会导致人员伤害或泵或其他相关设备的损坏！



The inlet and outlet pipes should have their own brackets! The pipe weight cannot be imposed on the pump and the pump and pipe cannot be installed when they are not on the same line!

进出水管道要有专门的支架！管道重量不能加在泵上，且泵和管道不在同一条线上时不能安装！



The pump should be placed on a solid foundation to withstand the full weight of the pump to remove vibration, tighten all the anchor bolts!

泵应放置在坚固的基础上，以承受泵的全部重量以消除振动，拧紧所有地脚螺栓！



All the whole pump assembly have been adjusted before the various parts of the gap, Please Do Read the Manual Carefully! The Warranty will be invalid under Wrong Operation or Disassemble the Pump without Permit!

所有泵在出厂前，各部分的间隙都已调整好，请仔细阅读说明书！ 错误操作或未经许可拆卸泵将导致保修失效！



With the time flies, the pump parts' tensile strength decreases, it is necessary to pay attention to inspection and replace the spare parts when necessary!

随着时间的推移，泵部件的抗拉强度下降，需要注意检查并在必要时更换备件！



The pump must not be operated for a long time at low or no flow. Otherwise it will cause the pump vibration or even pumping liquid vaporization and damage the pump and equipment related!

泵不得长时间处于低流量或无流量运行，否则会引起泵振动甚至泵送液体汽化而损坏泵及相关设备！



Before installing the coupling or belts, check if the steering of the driven is correct and make sure the pump rotate same as the arrow position. It is strictly prohibited reverse operation! Otherwise there will be persona injury or damage in the pump or other equipment related.

安装联轴器或皮带前，应检查从动方向是否正确，确保泵的旋转方向与箭头位置一致。 严禁逆向操作！ 否则会造成人员伤害或损坏泵或其他相关设备。



The pump is a rotating equipment, before installing and maintenance, it must be cut off the power! Otherwise may lead the personal injury!

水泵属于旋转类设备，安装维修前必须切断电源！ 否则可能导致人身伤害！

Maintenance 后期维护

To make sure the safe operation of the pump set, the operators must pay attention to the daily maintenance work.

为确保泵组的安全运行，操作人员必须注意日常维护工作。

The daily work should be including but not limited as below:

日常工作应包括但不限于以下内容：

1. the pump storage 泵的存放

When the pump set is not been installed immediately, the shaft should be rotated 1/4 cycle a week at least to let the bearing can bear the static load and external vibration evenly.

当泵组不立即安装使用时，轴应至少每周旋转 1/4 周，使轴承能均匀承受静载荷和外界振动。

The pump set should be stored avoided from the corrosive materials & dry and ventilated warehouse.

泵组应存放在干燥通风，且没有腐蚀性物品的仓库中。

2. the bearing lubrication 轴承润滑

In the bearing components assembled processing, the right assembly and the right amount of lubricating oil will be longer the use life of the pump!

在轴承部件组装加工中，正确的组装和适量的润滑油会延长泵的使用寿命！

The amount of the bearing oil is that the oil level should be in the centerline of the oil window in the frame.

轴承油量，以油位在泵托架上的油窗的中心线为宜。

When the oil level is lower than the centerline of the oil window, the oil should be added immediately.

当油位低于油窗中心线时，应立即加油。

The lubricated oil is recommended to use #46 in summer and #32 in winter.

润滑油：夏季推荐使用#46，冬季使用#32。

The maintenance person should check the bearing components regularly and make sure right lubricated!

维护人员应定期检查轴承部件，确保正确润滑！

Change the oil every 6 month in usual.

通常每 6 个月换一次油。

3. the bearing over temperature 轴承温度过高

Check the bearing assembly operation in time and regularly is necessary.

及时和定期检查轴承组件的运行情况是必要的。

If the bearing heats up at the beginning of operation, the pump can be stopped and the bearing can be cooled and then run again.

如果轴承在运行开始时发热，可以停止泵，冷却轴承，然后再次运行。

When the bearing is still serious heat after cooled and the temperature continues to rise, the maximum temperature must not exceed 80 °C , the pump should be stopped again.

当轴承冷却后仍严重发热且温度继续升

高时，最高温度不得超过80℃，应重新停泵。

In usual, the bearing over temperature is always caused by excess oil or impurities in the oil.

通常情况下，轴承过热是由于油过多或油中的杂质引起的。

The bearing assembly must be stopped to work and dismantled to check when there is any trouble like over temperature.

轴承组件出现温度过高等故障时，必须停止工作并进行拆卸检查。

All the bearing's inner ring must be tight against the shoulder.

轴承的所有内圈都必须紧靠台肩。

Preheat the inner ring of the assembly during assembly, max. Temperature is not allowed over 120 °C .

组装过程中预热组件的内圈，最大温度不超过 120℃。

4.the pump assembly & dismantling

泵的组装和拆卸

The pump assembling and dismantling have important influence for the pump set operation and service lift, so the installing and alignment must be done carefully.

泵的装拆对泵组的运行和扬程有重要影响，所以在安装和对中过程中必须仔细。

Before assembling or dismantling of the pump, it is necessary to check whether the parts have any influence on the assembly defects and clean them before assembly.

在组装或拆卸泵之前，必须检查零件是否对组装缺陷有影响，并在组装前进行清洁。

- Tighten connecting bolts and screwed plug to the

corresponding parts in advance.

预先将螺栓和螺塞拧紧到相应部位。

- The "O" ring, paper pad and felt are placed in the corresponding parts in advance.

“O”形圈、纸垫和毛毡预先放置在相应的部位。

- Fit wear ring, packing, packing ring and gland in the casing cover in proper order.

将磨损环、填料、填料环和压盖按正确顺序安装在泵壳盖上。

- Put rolling bearing on the shaft and then carry it into the bracket to be covered with a gland, Press the rolling bearing and put the water thrower on the shaft.

将滚动轴承放在轴上，然后将其放入支架中，用压盖盖住，压下滚动轴承，然后将甩水器放在轴上。

- Take the shaft sleeve on the shaft and the casing cover on the bracket. Then place impeller, brake gasket and impeller nut and tighten them up, At the last, carry the above components in to the casing and tight connecting bolts on the casing and the casing cover.

将轴套安在轴上，泵体安装在支架上，然后将叶轮、制动垫片和叶轮螺母装上并拧紧，最后将上述部件装入机壳，拧紧机壳与机壳盖上的螺栓。

In the above assembly process, special attention should be paid to small parts such as flat keys, oil pans, retaining rings, O-rings in the sleeve, etc. that are likely to be missing or misplaced.

在上述装配过程中，要特别注意平键、油底壳、挡圈、套筒中的O型圈等小零件，这些零件很可能丢失或错位。

The dismantle sequence is the opposite direction to the assembling sequence.

QI(H) End Suction Centrifugal Pump

拆卸顺序与组装顺序相反。

The pump is an equipment of rotating, before installing or maintaining the pump set, the power must be cut off! Otherwise may cause personal injury.

泵属于旋转设备，安装或维修泵组前必须切断电源！否则可能会造成人身伤害。

5.running of the pump set

泵的运行

Before starting, check the entire unit as follows

启动前，请按如下方式检查整个装置

The pump should be placed on a solid foundation to withstand the full weight of the pump to remove vibration, tighten all the anchor bolts.

泵应放置在坚固的基础上，以承受泵的全部重量以消除振动，拧紧所有地脚螺栓。

The inlet and outlet pipes should have their own brackets. The pipe weight cannot be imposed on the pump and the pump and pipe cannot be installed when they are not on the same line.

进出水管路应有各自的支架。管道重量不能加在泵上，泵和管道不在同一条线上时不能安装。

Turn the shaft by hand in the direction of rotation of the pump, should be able to drive the impeller shaft rotation, there should be no friction.

用手按泵的旋转方向转动轴，应能带动叶轮轴旋转，且此过程中应无摩擦。

Check the motor steering, to ensure the pump in the pump body marked by the direction of the arrow, note that the pump cannot reverse the rotation or resulting in damage to the pump. In the direct drive, the shaft of

the pump should be exactly co-centric with the shaft of the electric motor, the belt drive pump shaft and motor shaft shall be parallel, adjust the position of the pulley to make is perpendicular to groove to avoid violent vibration and wear.

检查电机转向，确保泵体内的泵按箭头方向标记，注意泵不能反转，如果反转可能会导致泵损坏。直驱时，泵轴应与电机轴完全同心，皮带传动泵轴与电机轴平行，调整皮带轮位置，使之垂直于槽以避免剧烈振动和磨损。

As the reason of the static pressure test should be done before leaving the factory.

由于静压试验应在出厂前进行。

The shaft seal of the pump set should be checked again before running if they are in right conditions.

运行前应再次检查泵组的轴封是否完好。

To prevent the packing from becoming too tight and causing it to stick to the shaft sleeve, the packing gland bolts will be loosened after testing. The tightness of the packing gland bolts should be adjusted according to the actual situation during initial use.

为防止填料过紧而粘在轴套上，试验后将填料压盖螺栓松开。填料压盖螺栓在初次使用时应根据实际情况调整松紧度。

The packing sealed pump should be adjusted the packing gland to tighten the bolts before the start.

填料密封泵在启动前应调整填料压盖以拧紧螺栓。

To adjust the tightness of the packing, the leakage from the packing gland at a drop of osmosis as well, when the packing is too tight, the sleeve is easy to heat and consuming more power at the same time, the packing is too loose, the liquid leakage is too big.

调整填料的松紧度时，填料压盖也会有一点渗漏；填料太紧时，套筒容易发热，同时消耗更多功率，填料太松，漏液过大。

The mechanically sealed pump should be used to manually move the coupling or the pulley before use to prevent the sealing surface of the mechanical seal from sticking.

机械密封泵在使用前应手动移动联轴器或皮带轮，以防止机械密封的密封面粘连。

The pump casing should be full of water before running.

运行前泵内应充满水。

Close the gate valve in the pipeline and discharge pipeline pressure gauge until the pump in right operation, then open the valve slowly and the gauge.

关闭管道中的闸阀，排出管道压力，直到泵正常运行，然后缓慢打开阀门和压力表。

Don't start the pump's motor to normal speed directly until test and confirm right pump rotating position.

在测试并确认正确的泵旋转位置之前，不要直接将泵的电机启动到正常速度。

The standby pumps should be checked in same way as the main pumps.

备用泵的检查方法应与主泵相同。

All rotating parts should be covered by guard.

所有旋转部件都应有防护罩。

6.stop of the pump set

泵的停止

The gate valves and the gauge should be closed first before stop the pump. Then power off the motor to stop.

停泵前应先关闭闸阀和压力表。然后关闭电机以停止。

When the pump is used during the winter season, it is

necessary to drain the medium in the pump after stop it to prevent frost cracking.

泵在冬季使用时，应在停泵后将泵内介质排空，以防冻裂。

7. the maintenance management

维护

The management in the maintenance work is very important to longer the use life of the pump and short the downtime.

维护工作中的管理对于延长泵的使用寿命和缩短停机时间非常重要。

Some easy table record who charge for the pump repair and clearly record when, how and why to stop and repair is the best way but very easy lower your cost in the pump.

一些简单的表格记录，例如谁负责对泵维修，何时、如何以及为什么停泵并对泵维修。这是最好的方法，很容易降低泵的成本。

Check your record table timely and do the right maintenance schedule.

及时检查您的记录表并执行正确的维护计划。

The pump set should be checked before running every time and do the maintenance work every 3 to 6 months.

每次运行前应检查泵组，每3至6个月进行一次保养工作。

Clean and no dusty warehouse and repair work space with experienced worker will cut off your cost in spare parts over 50%.

干净无尘的仓库和经验丰富的工人将削减您50%以上的备件成本。

Pay attention to even small parts like ring and only original manufacturer know its right size and why it

QI(H) End Suction Centrifugal Pump

should be here, size etc.

注意即使是圈套这样的小零件，只有原始制造商知道它的正确尺寸以及为它的合理位置，尺寸等。

The warranty will be invalid when using the parts not original or disassembly the pumps without permission by An Pump.

使用非原厂零件或未经安泵许可自行拆卸泵的，保修无效。