

CYH stainless steel centrifugal pump

CYH series are single-stage, single-suction, cantilever chemical centrifugal pumps. The flow-through parts are made of Austenitic stainless steel or duplex stainless steel, such as CD-4MCU stainless steel, and comply with ISO2858 international standards.



Temperature: -20°C~180°C
Flow rate: 2m³/h~400m³/h
Lift: 5m~130m
Pressure: 0.5bar~13bar
Power: 0.55Kw~110Kw
Speed: 1450r/min~2900r/min

**Compact structure
and
reliable performance**

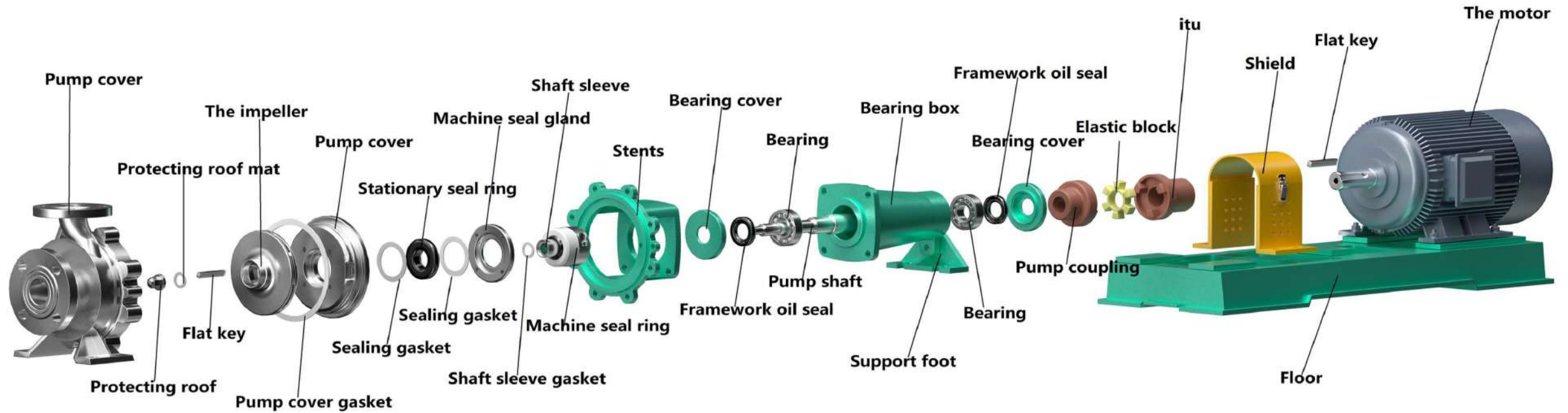
**High efficiency and
energy saving design**

**Strong corrosion
resistance and
temperature resistance**

Application

Biomedicine, petrochemical, mining and metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials, and other industries.

Structure Analysis



Number	Model	Flow m³/h	Head/m	Intle/mm	Outlet/mm	Power/kw	RPM/min
1	CYH50-32-125	4	5.5	Φ50	Φ32	0.55	1450
		6.3	5				
		8	3.5				
2	CYH50-32-160	4	9	Φ50	Φ32	0.55	1450
		6.3	8				
		8	6				
3	CYH50-32-200	4	13	Φ50	Φ32	1.1	1450
		6.3	12.5				
		8	10				
4	CYH50-32-250	3.5	21	Φ50	Φ32	1.5	1450
		6.3	20				
		7	18				
5	CYH65-50-125	8	5.5	Φ65	Φ50	0.55	1450
		12.5	5				
		15	3				
6	CYH65-50-160	8	9	Φ65	Φ50	1.1	1450
		12.5	8				
		15	6				
7	CYH65-40-200	8	13	Φ65	Φ40	1.5	1450
		12.5	12.5				
		15	10				
8	CYH65-40-250	8	21	Φ65	Φ40	3	1450
		12.5	20				
		15	18				
9	CYH80-65-125	16	5.5	Φ80	Φ65	1.1	1450
		25	5				
		35	3				
10	CYH80-65- 160	16	9	Φ80	Φ65	1.5	1450
		25	8				
		35	6				
11	CYH80-50-200	16	13	Φ80	Φ50	2.2	1450
		25	12.5				
		35	10				
12	CYH80- 50-250	16	21	Φ80	Φ50	4	1450
		25	20				
		35	18				
13	CYH100-80-125	35	5.5	Φ100	Φ80	1.5	1450
		50	5				
		60	3				
14	CYH100-80-160	35	8.5	Φ100	Φ80	2.2	1450
		50	8				
		60	6				
15	CYH100-65-200	35	13	Φ100	Φ65	4	1450
		50	12.5				
		60	10				

Number	Model	Flow m³/h	Head/m	Intle/mm	Outlet/mm	Power/kw	RPM/min
16	CYH100-65-250	32.5	20.5	Φ100	Φ65	7.5	1450
		50	20				
		60	16.3				
17	CYH125-80-160	50	10	Φ125	Φ80	4	1450
		80	8				
		90	6				
18	CYH125-100-160	150	32	Φ125	Φ100	30	1450
19	CYH125-100-200	75	13	Φ125	Φ100	11	1450
		100	12.5				
		120	12				
20	CYH125-100-250	65	21	Φ125	Φ100	15	1450
		100	20				
		120	18				
21	CYH125-100-315	75	33	Φ125	Φ100	22	1450
		100	32				
		120	30				
22	CYH125-100-400	75	52	Φ125	Φ100	37	1450
		100	50				
		120	48				
23	CYH150-125-250	130	22	Φ150	Φ125	22	1450
		200	20				
		240	18				
24	CYH150-125-315	130	36	Φ150	Φ125	30	1450
		200	32				
		240	30				
25	CYH150-125-400	130	55	Φ150	Φ125	55	1450
		200	50.2				
		240	46				
26	CYH200-150-250	240	22	Φ200	Φ150	37	1450
		400	20				
		480	17				
27	CYH200-150-315	240	36	Φ200	Φ150	55	1450
		400	32				
		480	29				
28	CYH200-150-400	240	55	Φ200	Φ150	90	1450
		400	50				
		480	46				
29	CYH250-200-315	300	34	Φ250	Φ200	75	1450
		600	32				
		750	28				

Number	Model	Flow m³/h	Head/m	Intle/mm	Outlet/mm	Power/kw	RPM/min
1	CYH50-32-125	10	22	Φ50	Φ32	2.2	2900
		12.5	20				
		15	18.5				
2	CYH50-32-160	10	33	Φ50	Φ32	4	2900
		12.5	32				
		15	28				
3	CYH50-32-200	10	52	Φ50	Φ32	7.5	2900
		12.5	50				
		15	48				
4	CYH50-32-250	10	82	Φ50	Φ32	11	2900
		12.5	80				
		15	78				
5	CYH65-50-125	15	22	Φ65	Φ50	3	2900
		25	20				
		30	16				
6	CYH65-50-160	15	33	Φ65	Φ50	5.5	2900
		25	32				
		30	28				
7	CYH65-40-200	15	51	Φ65	Φ40	11	2900
		25	50				
		35	45				
8	CYH65-40-250	15	82	Φ65	Φ40	18.5	2900
		25	80				
		35	72				
9	CYH80-65-125	35	22	Φ80	Φ65	5.5	2900
		50	20				
		60	18				
10	CYH80-65-160	35	33	Φ80	Φ65	11	2900
		50	32				
		60	27				
11	CYH80-50-200	35	52	Φ80	Φ50	15	2900
		50	50				
		60	45				
12	CYH80-50-250	40	82	Φ80	Φ50	22	2900
		50	80				
		60	75				

Number	Model	Flow m³/h	Head/m	Intle/mm	Outlet/mm	Power/kw	RPM/min
13	CYH100-80-125	65	22	Φ100	Φ80	11	2900
		100	20				
		120	18				
14	CYH100-80-160	65	35	Φ100	Φ80	15	2900
		100	32				
		120	26				
15	CYH100-65-200	65	51	Φ100	Φ65	30	2900
		100	50				
		120	43				
16	CYH100-65-250	65	82	Φ100	Φ65	55	2900
		100	80				
		120	65				
17	CYH125-80-160	100	38	Φ125	Φ80	30	2900
		160	32				
		180	26				
19	CYH125-100-200	120	55	Φ125	Φ100	55	2900
		200	50				
		220	45				
20	CYH125-100-250	150	82	Φ125	Φ100	75	2900
		200	80				
		240	73				



picture from the scene

DETAILS



APPLICATION

Mining & Metallurgy Transport of clarified liquid after slurry settling
Transfer of electrolyte or pickling solutions with mild corrosion

Textile & Dyeing Circulation of dyeing liquids
Supply of process water for washing and finishing

Power Industry Boiler feedwater supply (low-temperature sections)
Cooling circulation water transfer

Food Industry CIP recovery liquid and equipment washing water
Transfer of low-corrosive food additive solutions

Biomedical / Biopharmaceutical Cooling water circulation for fermentation tanks
Purified water and process water transfer

Petrochemical Transfer of mildly corrosive organic solvents
Process fluids such as intermediates and mother liquors

Pulp & Paper White water recovery system
Washing liquid in deinking or bleaching sections

Electroplating Circulation of rinsing water
Transfer of mildly acidic or alkaline pretreatment solutions

Wastewater Treatment Clarified water from secondary sedimentation
Neutralization tank and reclaimed water transfer

Flue Gas Treatment (FGD) Make-up or circulation water for desulfurization towers
Spray system supply in absorption towers

New Energy Cleaning water transfer in lithium-battery production
Mildly corrosive process liquids in photovoltaic manufacturing

New Materials Transfer of resin solutions and additives during preparation
Cooling water circulation for inorganic material production





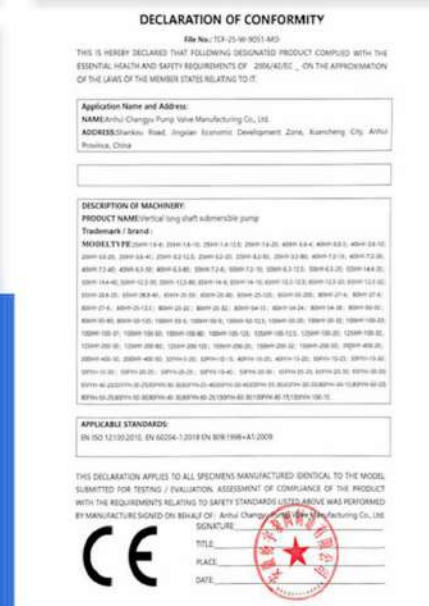
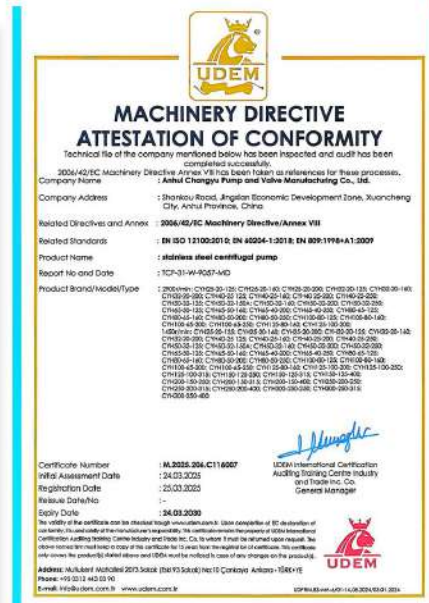
PATENT CERTIFICATE

After years of unremitting efforts, the R&D team has successfully made breakthroughs in a number of key technologies and obtained a number of high-value patents, significantly promoting technological progress in the industry.



ENTERPRISE CERTIFICATION

National and regional certification authority



Factory Exhibition

