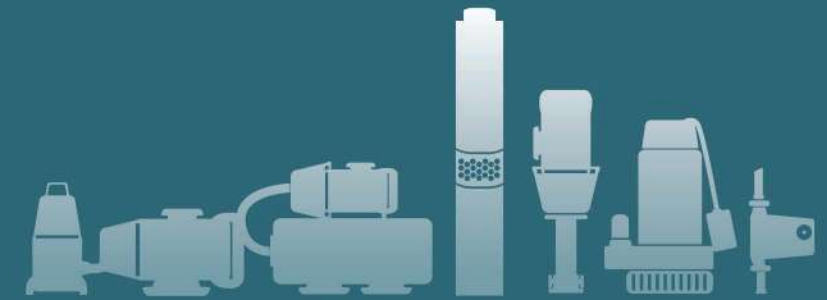


GREEN



PRODUCT CATALOGUE WATER PUMP


GREEN[®]
Water Solution

WWW.PARSWS.COM



Tel:
021-59231
Fax:
021-88806085

E-mail:
info@parsws.com

Add:
No. 440, Motahari St.
Tehran, Iran

WWW.PARSWS.COM


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Water Solution



Feature

Pump: CHT series is pump casing- oriented multistage stainless steel pump. The liquid part is made of SUS304. Under processing of advanced welding equipment, heat treatment, the stress caused by end-cut plate in tension and press forming is eliminated to make in high strength, no deformation, long life, safe and reliable usage; Applied mechanical seal type ensure watertight in long-time continuous operation. The material of frame is aluminum; It is under low- noise and less- vibration and durability. Insulation class B, protection IPX55, continuous duty; Single- phase with thermal protector from T1 to ensure safety and convenience.



Flow rate up to **28 m³/h**

Head up to **69 m**

Operation Conditions

Liquid temperature between +5°C to +60°C
 Ambient temperature up to +50°C
 Max pressure up to 10 bar
 Max suction head: No self-priming
 Max inlet pressure is limited by the max operating pressure.

Application

Air- conditioning system
 Water treatment
 Pressure boosting for the water on processing line
 Heating and cooling water on industrial processing line
 Air freshen, moistening equipment (soft water)
 Water supply and pressure boosting (drinking water)
 Fertilization/ metering system
 Aquaculture
 Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers

Guide For Model Selection

Request for the flow and pressure.
 The mechanical seal configurations is selective for normal water, pure water or hot water type.
 Applied region's voltage and frequency: single-phase: 220- 240V/ 50Hz; 220V- 240V/ 60Hz; 110- 120V/ 60Hz is available; Three- phase: 380- 415V/ 50Hz; 380- 415V/ 60Hz is available.
 Applied region's request for safety certificate.
 Confirm the bore of outlet and inlet.
 Plug's type and length (no plug, Chinese plug, Europe plug, UL plug ... is available)



FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.6	1	1.5	1.8	2	2.4	3
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	10	16	25	30	33	40	50
CHT1-20S	CHT1-20ST	0.25	0.3	15	3	1"x1"	5.7	H(m)	14	13.5	12	11	10	8.5	5
CHT1-30S	CHT1-30ST	0.25	0.3	23.5	3	1"x1"	6		22	21	20	18	16	15	9.5
CHT1-40S	CHT1-40ST	0.25	0.3	30	3	1"x1"	6.5		28	27	24.5	23	21	19	13
CHT1-50S	CHT1-50ST	0.37	0.5	37.5	3	1"x1"	7.3		35	33	30	28	25	22	15
CHT1-60S	CHT1-60ST	0.37	0.5	44	3	1"x1"	7.8		40	37	34	31	28	25	17

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.6	1	1.5	1.8	2	2.4	3	3.6	4.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	10	16	25	30	33	40	50	60	70
CHT2-20S	CHT2-20ST	0.25	0.3	21	4.2	1"x1"	6	H(m)	19.5	19	18	17	16	15	13	10	6
CHT2-30S	CHT2-30ST	0.37	0.5	30	4.2	1"x1"	6.5		28	27	26	25	24	23	19	14	8.5
CHT2-40S	CHT2-40ST	0.55	0.75	39.5	4.2	1"x1"	7		36.5	34.5	33.6	33	32	31	25	18	11
CHT2-50S	CHT2-50ST	0.55	0.75	48	4.2	1"x1"	7.5		45	42	41	40.5	40	38	31	22	13

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	1	1.5	2	2.5	3	3.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	16	25	33	41	50	58
CHT2-20	CHT2-20T	0.37	0.55	20	3.5	1"x1"	8.5	H(m)	18	16	14	13	11	10
CHT2-30	CHT2-30T	0.37	0.55	29	3.5	1"x1"	9		27	24	21	20	17	14
CHT2-40	CHT2-40T	0.55	0.75	39	3.5	1"x1"	9.5		35	32	28	26	23	17
CHT2-50	CHT2-50T	0.55	0.75	49	3.5	1"x1"	10		43	40	35	33	28	22
CHT2-60	CHT2-60T	0.75	1	56	3.5	1"x1"	10.5		50	48	42	38	32	25

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	2	3	4	5	6	7
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	33	50	66	83	100	116
CHT4-20	CHT4-20T	0.55	0.75	20	7	1.25"x1"	9	H(m)	18	16	15	13	10	7
CHT4-30	CHT4-30T	0.75	1	30	7	1.25"x1"	10		27	25	22	19	15	10
CHT4-40	CHT4-40T	0.75	1	40	7	1.25"x1"	10.5		36	33	30	26	20	14
CHT4-50	CHT4-50T	1	1.4	49	7	1.25"x1"	11		44	41	38	32	26	20
CHT4-60	CHT4-60T	1.1	1.5	58	7	1.25"x1"	12		53	50	45	40	33	24



FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	6	8	10	12	14	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	100	133	166	200	233	266
CHT8-10	CHT8-10T	0.55	0.75	14	16	1.5"x1.25"	14	H(m)	11	10	9	8	7	6	5
CHT8-20	CHT8-20T	0.75	1	24	16	1.5"x1.25"	15		22	20	19	18	13	11	8
CHT8-30	CHT8-30T	1.1	1.5	33	16	1.5"x1.25"	19		31	29	26	24	20	16	11
CHT8-40	CHT8-40T	1.5	2	42	16	1.5"x1.25"	20		41	39	37	33	28	23	17
CHT8-50	CHT8-50T	2.2	3	53	16	1.5"x1.25"	28		51	49	46.5	42	37	30	23
	CHT8-60T	3	4	65	16	1.5"x1.25"	29	62	58	52	48	42	36	30	

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	5	6	7	8	9	10
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	83	100	116	133	150	166
CHT8-10S	CHT8-10ST	0.55	0.7	18	10	1.5"x1.25"	13	H(m)	15	14	13	12.5	12	9	8
CHT8-15S	CHT8-15ST	0.75	1	29	10	1.5"x1.25"	15		25	23	22	21	20	14	12
CHT8-20S	CHT8-20ST	1	1.35	34	10	1.5"x1.25"	18		32	29	27	25	24	21	17
CHT8-25S	CHT8-25ST	1.5	2	49.5	10	1.5"x1.25"	20		43	40	38	34	27	25	20
CHT8-30S	CHT8-30ST	1.85	2.5	56	10	1.5"x1.25"	25		50	46	44	40	36	30	26
CHT8-35S	CHT8-35ST	2.2	3	62	10	1.5"x1.25"	30		56	51	48	44	43	35	28
CHT8-40S	CHT8-40ST	2.2	3	69	10	1.5"x1.25"	31		65	57.5	57	50	48	42	34

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	116	133	150	166	183	200	216	233	250	266
CHT12-10	CHT12-10T	0.75	1	14	15	1.5"x1.5"	13	H(m)	12	11.5	11	10.5	10	9.5	9	8	7	6
CHT12-20	CHT12-20T	1.1	1.5	25	15	1.5"x1.5"	15		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
CHT12-30	CHT12-30T	1.85	2.4	39	15	1.5"x1.5"	26		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
CHT12-40	CHT12-40T	2.2	3	51	15	1.5"x1.5"	28		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
	CHT12-50T	3	4	65	15	1.5"x1.5"	31		60	58	56.5	55	52.5	50	47	44	40	35

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	6	7	8	9	10	11	12	13	14
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	100	116	133	150	166	183	200	216	233
CHT12-10S	CHT12-10ST	1	1.35	20	14	1.5"x1.5"	15	H(m)	19	18	17.5	16	15.5	14	13.5	12	10.5
CHT12-15S	CHT12-15ST	1.5	2	30	14	1.5"x1.5"	18		28	27	26	25	24	22	20	18	15
CHT12-20S	CHT12-20ST	1.85	2.5	40	14	1.5"x1.5"	20		38	36	35	32	31	29	28	24	20
CHT12-25S	CHT12-25ST	2.2	3	50	14	1.5"x1.5"	24		47	45	43	41.5	39	36	33.5	30.5	27
	CHT12-30ST	3	4	60	14	1.5"x1.5"	27		53.5	52	50	47.5	45	42	39	35	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	8	10	12	14	16	18	20	22	24
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	133	166	200	233	266	300	333	366	400
CHT16-10	CHT16-10T	1	1.4	15	24	2"x2"	14	H(m)	12	11.5	11	10.5	10	9	8	7	6
CHT16-20	CHT16-20T	1.5	2	27	24	2"x2"	20		24	23	22	21	20	19	16	14	12
CHT16-30	CHT16-30T	2.2	3	41	24	2"x2"	27		38	36	34	33	30	28	26	23	20
-	CHT16-40T	3	4	53	24	2"x2"	30		50	48	46	44	40	38	36	32	28

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	166	200	233	266	300	333	366	400	433	466
CHT20-10	CHT20-10T	1	1.4	13	28	2"x2"	16	H(m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
CHT20-20	CHT20-20T	1.85	2.4	26	28	2"x2"	26		25	24	23	22	21	20	18	16	14	12
	CHT20-30T	3	4	40	28	2"x2"	30		39	38	36	35	33	31.5	30	27	24	21
	CHT20-40T	4	5.5	52	28	2"x2"	35	50	48	46	44	42	40	36	32	28	24	



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