

Multi-stage centrifugal pump for water supply

Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc

Motor

IE2 motor
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: H
Protection class: IP55
Max. ambient temperature: +50°C

Pump Self priming up to 7 ft

Materials

AISI316 welding shaft
Max. liquid temperature: +60°C
Max. operation pressure: 8 bar

Pump body, impeller & diffuser in AISI 316
Sic/Carbon Mechanical seal, NBR O-ring



Hydraulic performance table

Model	Power		Q(m³/h)	0	1	1.5	2	2.5	3	3.5	4	4.5
	kW	HP	Q(l/min)	0	16.5	25	33.5	41.7	50	58.3	66.7	75
ESP H 2S-10	0.25	0.33	H (m)	17	16	14.5	13.5	12	10.5	8.5	7	4.5
ESP H 2S-15	0.37	0.5		27	24.5	23	20.5	19	17	14	11	7
ESP H 2S-20	0.37	0.5		26	33	31	27.5	25.5	22.5	19	14.5	9.5
ESP H 2S-25	0.55	0.75		44	40	37	33.5	30.5	27	22.5	17	11
ESP H 2S-30	0.75	1.0		54	49.5	46	41.5	38.5	34	29	21.5	15
ESP H 2S-35	0.75	1.0		65.5	59.5	55.5	51	46	41	34	26	16.5
Model	Power		Q(m³/h)	0	1	1.5	2	2.5	3	3.5	4	4.5
	kW	HP	Q(l/min)	0	16.7	25	33.3	41.7	50	58.3	66.7	75
ESP H 3S-10	0.25	0.33	H (m)	19.5	18	17.5	16.5	15	14.5	13	11	9
ESP H 3S-15	0.37	0.5		29	26	25.5	24.5	23	21	18	16	12
ESP H 3S-20	0.55	0.75		38	35.5	34	32	30.5	28	25	21	16
ESP H 3S-25	0.55	0.75		47.5	44.5	42.5	40	37.5	35	29	24	19
ESP H 3S-30	0.75	1.0		57.5	53.5	52	49	45	42	35	31	23
ESP H 3S-35	0.85	1.0		66	62	59	55.5	52	48.5	42	33	24
Model	Power		Q(m³/h)	0	1	2	3	4	4.5	5	6	7
	kW	HP	Q(l/min)	0	16.7	33.5	50	67	75	83	100	117
ESP H 4S-10	0.37	0.5	H (m)	20	19.5	18.5	17	15.5	14.5	13	9.5	5
ESP H 4S-15	0.55	0.75		30	29	27	25	22.5	21	18.5	13	10
ESP H 4S-20	0.75	1.0		40	38.5	36.5	34.5	30.5	29	26	19	10
ESP H 4S-25	0.75	1.0		53	47.5	45.5	42.5	37.5	35.5	32	23	12
ESP H 4S-30	1.1	1.5		61.5	59	56	53	47.5	45	41	30.5	17
ESP H 4S-35	1.3	1.75		72	68	64.5	60.5	55	50.5	45.5	32	17
Model	Power		Q(m³/h)	0	2	4	5	6	8	9	10	12
	kW	HP	Q(l/min)	0	33.3	67	83	100	134	150	166	200
ESP H 8S-10	0.55	0.75	H (m)	18	16.5	15.5	15	13.5	11.5	10.5	5	6.5
ESP H 8S-15	1.0	1.36		29.5	27.5	26	25	24	21.5	19	10	13
ESP H 8S-20	1.0	1.36		37	34	31.5	30	28	24.5	22.5	10	15
ESP H 8S-25	1.5	2.0		48.5	45.5	44	42	40	35	33	12	23.5
ESP H 8S-30	1.85	2.5		56	53.5	50	47.5	45.5	40	37	17	25.5
ESP H 8S-35	2.2	3.0		67.5	63	60.5	58.5	55.5	49.5	46.5	17	33
ESP H 8S-40	2.2	3.0		75.5	71.5	68	64.5	62	54	50.5	17	35
Model	Power		Q(m³/h)	0	2	4	6	8	10	12	14	16
	kW	HP	Q(l/min)	0	33.3	67	100	134	166	200	233	268
ESP H 8S1-10	0.55	0.75	H (m)	11	10.5	10	9.5	8.5	7.5	6.5	4.5	-
ESP H 8S1-15	0.75	1.0		22	21	20.5	19.5	18	16	13	9.5	6.5
ESP H 8S1-20	1.3	1.75		33.5	33	32	30	28	25	20	15.5	11
ESP H 8S1-25	1.5	2.0		45	43.5	42.5	40.5	37.5	33	27.5	22	15.5
ESP H 8S1-30	2.2	3.5		56	55	53.5	52	48	42.5	37.5	29	20.5

Model	Power		Q(m³/h)	0	2	4	6	8	10	12	14	16
	kW	HP	Q(l/min)	0	33.3	67	100	134	166	200	233	268
ESP H 10S-10	0.65	0.9	H (m)	16.5	16	15	14	12.5	11.5	10	8	5
ESP H 10S-15	1.3	1.75		33	32	30.5	29	27.5	25.5	22.5	19	14.5
ESP H 10S-20	2.2	3.0		50	48.5	47	45.5	43	39.5	36	3.5	24
ESP H 10S-25	3.0	4.0		66.5	64.5	63.5	62	59	55	49.5	43	34
ESP H 10S-30	3.5	4.7		84	82	80	78	74	69	63.5	55.5	44

Model	Power		Q(m³/h)	0	2	4	6	8	10	12	14	16
	kW	HP	Q(l/min)	0	33.3	67	100	134	166	200	233	268
ESP H 12S-10	1.0	1.36	H (m)	19	18	17.5	16.5	15	14	12.5	10.5	8.5
ESP H 12S-15	1.3	1.75		30	29	28	27	25	22	19.5	16.5	13
ESP H 12S-20	1.85	2.5		38	36	35	34	32.5	30	27.5	25	22
ESP H 12S-25	2.2	3.0		50	48.5	46.5	44.5	42.5	38	33.5	30	25
ESP H 12S-30	3.0	4.0		58	56	54	53.5	50.5	47	43.5	40	35

Model	Power		Q(m³/h)	0	2	4	6	10	12	14	16	18
	kW	HP	Q(l/min)	0	33.3	67	100	166	200	233	268	300
ESP H 12S1-10	0.65	0.9	H (m)	12.5	12	11.5	11	9.5	8.5	7	5.5	-
ESP H 12S1-15	1.3	1.75		25.5	25	24	23.5	21	19.5	16.5	13.5	10
ESP H 12S1-20	1.85	2.5		38.5	37.5	37	36	32.5	31.5	28	24.5	20.5
ESP H 12S1-25	2.2	3.0		51.5	50.5	49.5	48.5	45.5	42.5	38.5	33.5	28.5
ESP H 12S1-30	3.0	4.0		64.5	63	62.5	62	58	54	48.5	43	37

Model	Power		Q(m³/h)	0	4	8	12	14	16	20	22	24
	kW	HP	Q(l/min)	0	67	134	200	233	268	333	367	400
ESP H 16S-10	1.0	1.36	H (m)	13.5	12.5	12	11	10.5	9.5	8	7	6
ESP H 16S-15	1.6	2.15		28	26.5	25.5	23.5	22	21	18	16	14
ESP H 16S-20	2.6	3.5		42.5	40.5	39.5	37	35.5	33.5	28.5	26	23
ESP H 16S-25	3.5	4.7		57.5	54.5	53.5	50.5	48.5	46	40	36	31.5

Model	Power		Q(m³/h)	0	5	10	14	16	20	22	26	28
	kW	HP	Q(l/min)	0	83	166	233	268	333	367	433	467
ESP H 20S-10	1.0	1.36	H (m)	14	13	12	11.5	10.5	9.5	8.5	7	6
ESP H 20S-15	2.2	3.0		28	27	26	25	24	21.55	20	16.5	14.5
ESP H 20S-20	3.5	4.7		42.5	41.5	40.5	38.5	37.5	34	32	27	24.5

Performance Curves at 2900 rpm



