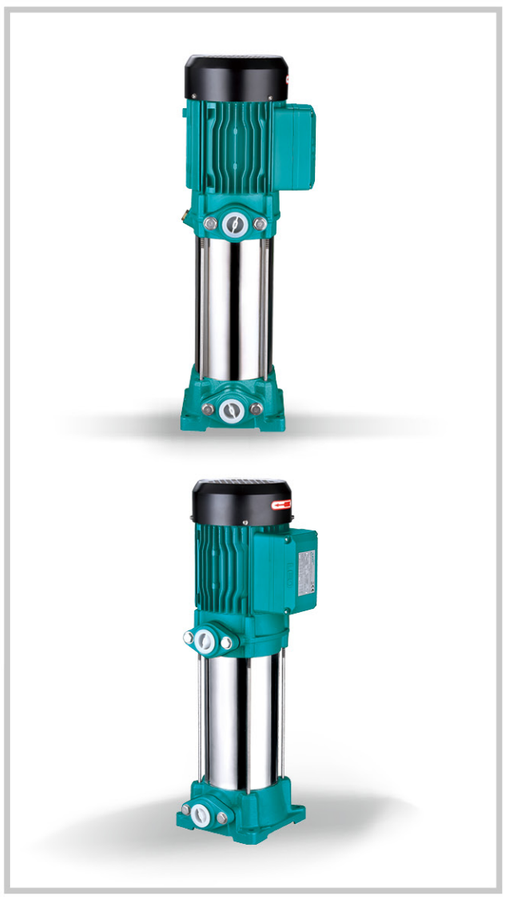


Application

- Water supply: Pressure boosting for main pipes and high-rise buildings
- Industrial pressure boosting: Water system, cleaning system, high pressure washing system and firefighting system
- Pressure boosting for pressure tank, sprinkling irrigation and trichling irrigation
- Air conditioner, cooling system and industrial cleaning

Features

- Economic vertical multistage pumps
- Applicable for a wide scope of different temperatures, flow rates and pressure ranges
- Water inlet and outlet can be rotated for proper assembly in accordance with installation requirement
- Easy installation and maintenance
- Advanced hydraulic model design, featuring stable operation and high efficiency
- Cast iron water inlet and outlet with special anti-rust treatment
- High-strength engineering plastic flow passage components
- Reliable stainless steel welded shaft

Working Conditions

- Liquid temperature: +5℃ ~ 60℃
- Maximum ambient temperature: +40℃
- Maximum pressure: 15 bar
- Altitude: up to 1000 m

Identification Codes

EVP m 2 – 6

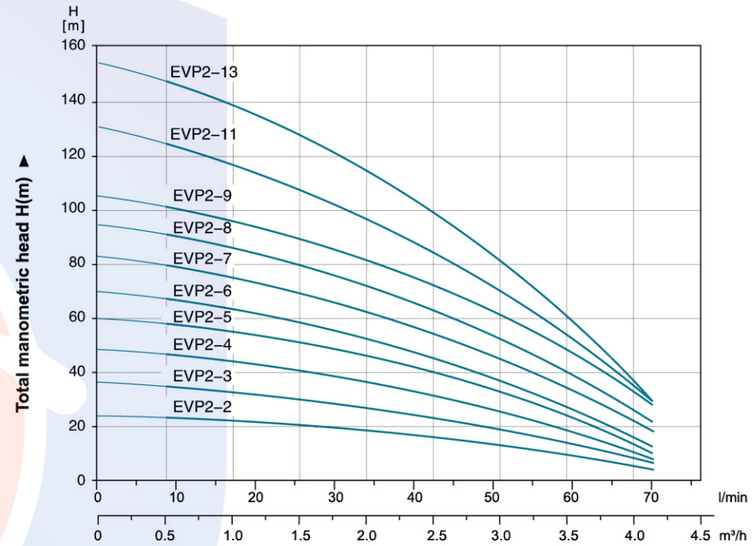
- Impeller Stage
- Rated Flow (m^3/h)
- Single Phase (Three-phase model without m)
- Vertical Multistage Centrifugal Pump

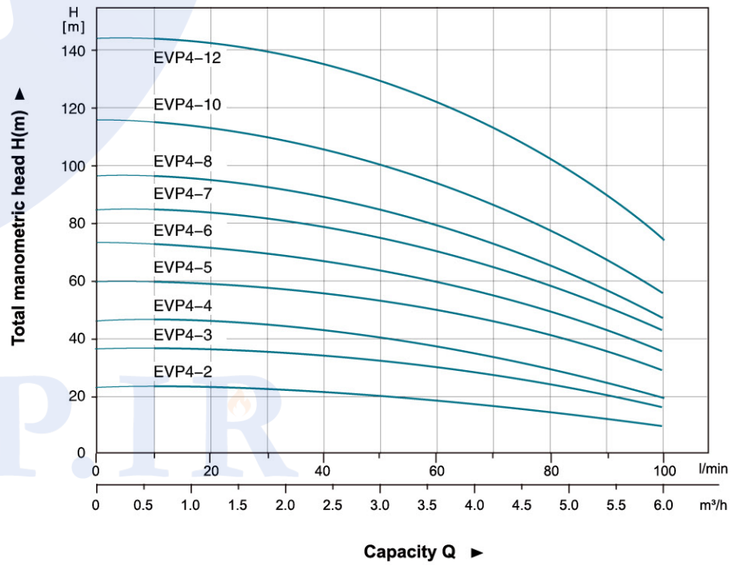
Model Selection Instructions

- Voltage and frequency: Single-phase 220-240V/50Hz;
  Three-phase 380-415V/50Hz.

Please choose the pump with appropriate flow rate and head to meet your actual demand.

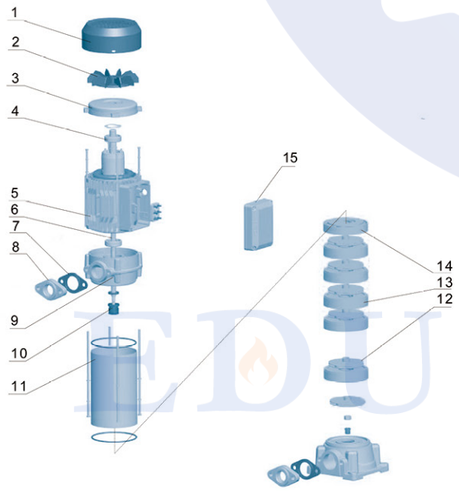
Hydraulic Performance Curves



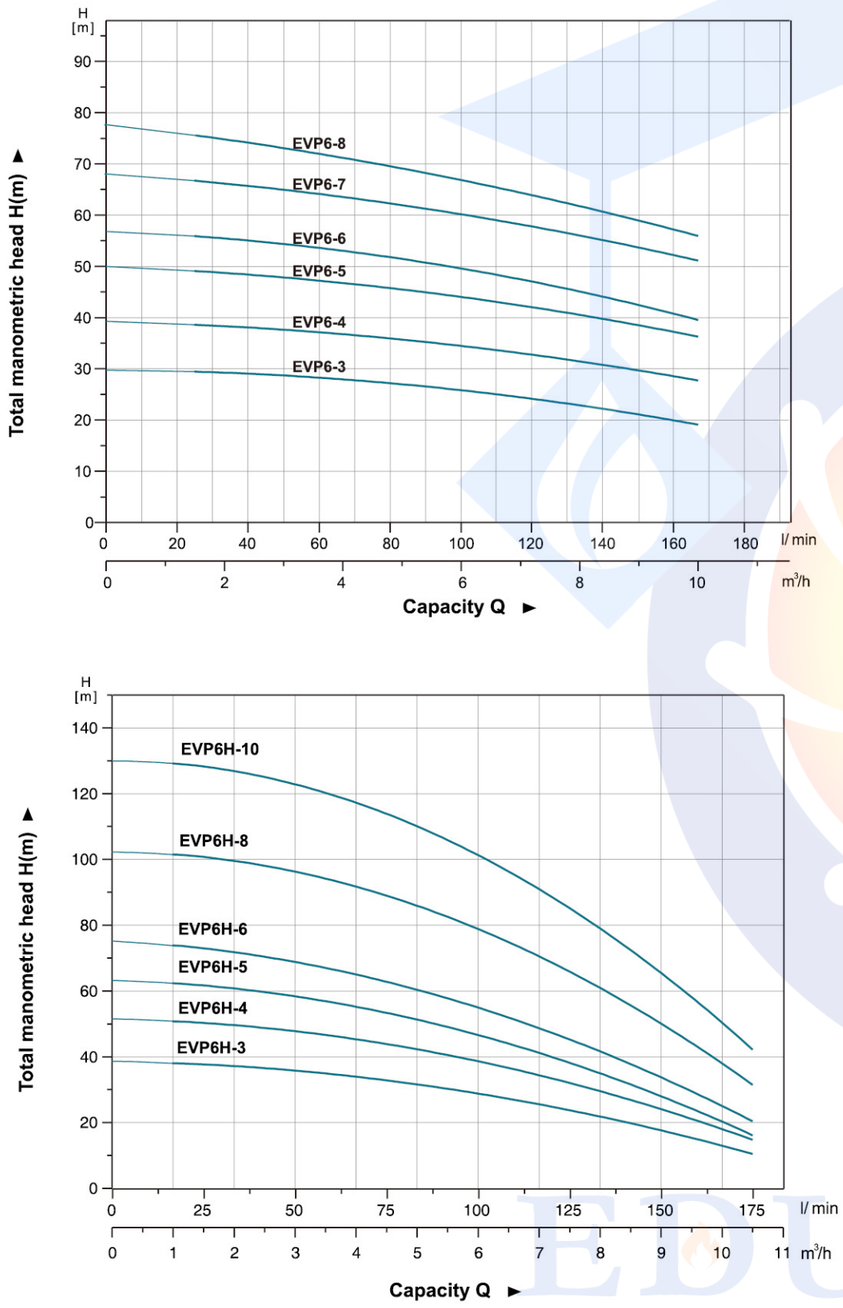


Materials Table

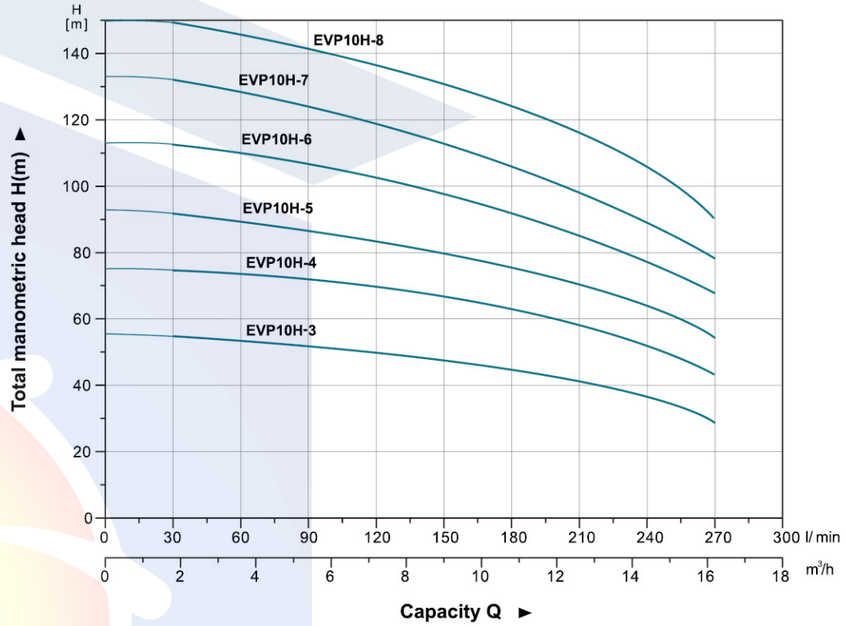
No.	Part	Material
1	Fan cover	08F
2	Fan	PP
3	Rear cover	Cast iron
4	Bearing	
5	Stator	
6	Rotor	
7	Gasket	Rubber
8	Flange	Cast iron
9	Motor bracket	Aluminum
10	Machanical seal	Ceramic/Carbon
11	Pump barrel	AISI 304
12	Impeller	Plastic
13	Diffuser	Plastic
14	Last stage diffuser	Plastic
15	Capacitor box	Plastic



Hydraulic Performance Curves



Hydraulic Performance Curves



Technical Data

Model		Power (P2)		Q (m³/h)	0	1	2	3	4
Single-phase	Three-phase	kW	HP	Q (l/min)	0	16.7	33.3	50	66.7
EVPm2-2	EVP2-2	0.37	0.5	H (m)	24	23	18	13	6
EVPm2-3	EVP2-3	0.55	0.75		36	33	26	20	9
EVPm2-4	EVP2-4	0.75	1.0		48	45	35	26	11
EVPm2-5	EVP2-5	1.0	1.5		59	57	44	33	15
EVPm2-6	EVP2-6	1.0	1.5		69	65	52	37	18
EVPm2-7	EVP2-7	1.1	1.5		82	75	62	45	25
EVPm2-8	EVP2-8	1.5	2.0		94	87	72	52	28
EVPm2-9	EVP2-9	1.5	2.0		105	98	82	60	35
EVPm2-11	EVP2-11	1.8	2.5		130	119	98	69	37
–	EVP2-13	2.2	3.0		153	142	115	80	39

Model		Power (P2)		Q (m³/h)	0	1	2	3	4	5	6
Single-phase	Three-phase	kW	HP	Q (l/min)	0	16.7	33.3	50	66.7	83.3	100
EVPm4-2	EVP4-2	0.55	0.75	H (m)	24	23	22	21	18	15	10
EVPm4-3	EVP4-3	0.75	1.0		37	36	34	33	29	24	16
EVPm4-4	EVP4-4	1.0	1.5		47	46	45	41	36	28	20
EVPm4-5	EVP4-5	1.5	2.0		61	58	57	55	48	39	29
EVPm4-6	EVP4-6	1.5	2.0		74	72	69	66	57	47	36
–	EVP4-7	2.2	3.0		86	83	81	77	68	57	43
–	EVP4-8	2.2	3.0		98	95	92	86	76	63	47
–	EVP4-10	2.2	3.0		116	114	110	102	90	73	57
–	EVP4-12	3.0	4.0		145	142	140	131	115	97	75

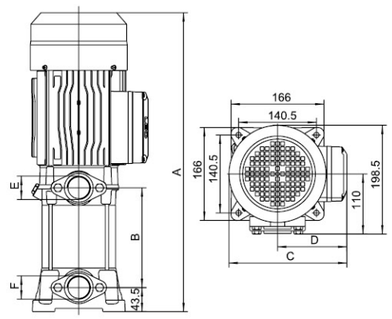
Technical Data

Model		Power (P2)		Q (m³/h)	0	1	2	3	4	5	6	7	8	9	10
Single-phase	Three-phase	kW	HP	Q (l/min)	0	16.7	33.3	50	66.7	83.3	100	116.7	133.3	150	166.7
EVPm6-3	EVP6-3	1.1	1.5		30	29.5	29	28.5	28	27	26	24.5	23	21	19
EVPm6-4	EVP6-4	1.5	2.0		40	38.5	37.5	37.3	37	36	34	33.5	32	30	27
—	EVP6-5	2.2	3.0	H (m)	50	49	48.5	48.3	48	45	43	42	41	39	36
—	EVP6-6	2.2	3.0		58	56	54	53.5	53	52	51	48	45	41	40
—	EVP6-7	3.0	4.0		68	67	66.5	65	63.5	62	60	58	56	54	51
—	EVP6-8	3.0	4.0		78	75	73	72	71	70	68	65	62	59	55

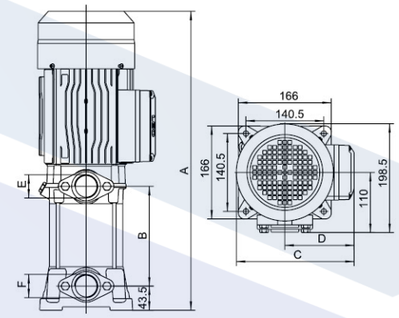
Model		Power (P2)		Q (m³/h)	0	1	2	3	4.5	6	7.5	9	10.5
Single-phase	Three-phase	kW	HP	Q (l/min)	0	16.7	33.3	50	75	100	125	150	175
EVPm6H-3	EVP6H-3	1.1	1.5		39	38	37	35	33	29	24	18	10
EVPm6H-4	EVP6H-4	1.5	2		52	51	49	47	44	39	32	25	14
EVPm6H-5	EVP6H-5	1.8	2.5	H (m)	64	62	60	58	54	47	38	28	16
—	EVP6H-6	2.2	3		76	74	71	68	63	56	45	34	20
—	EVP6H-8	3.0	4		103	100	97	95	90	80	66	50	31
—	EVP6H-10	4.0	5.5		130	127	124	121	114	103	86	66	41

Model		Power (P2)		Q (m³/h)	0	2	4	6	8	10	12	14	16
Three-phase		kW	HP	Q (l/min)	0	33	67	100	133	167	200	233	267
EVP10H-3		3.0	4.0		56	55	54	52	49	46	42	39	29
EVP10H-4		4.0	5.5		75	74	72	70	67	64	60	53	43
EVP10H-5		5.5	7.5	H (m)	93	91	87	84	81	77	72	64	55
EVP10H-6		5.5	7.5		113	110	107	104	100	96	87	78	68
EVP10H-7		7.5	10		132	128	124	120	116	112	103	93	80
EVP10H-8		7.5	10		150	147	143	139	134	127	120	108	92

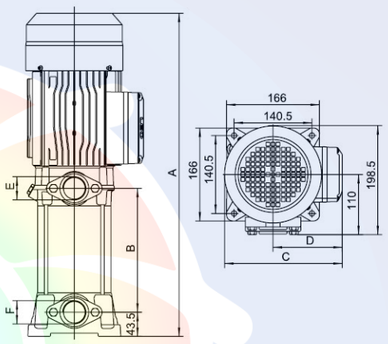
Dimension



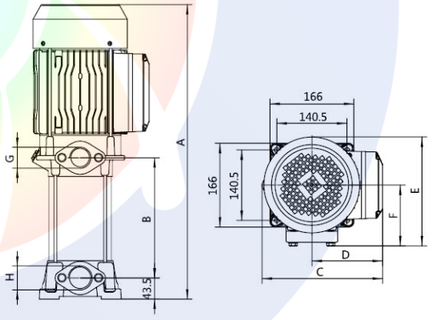
Model		Power (P2)	A	B	C	D	E	F	G	H
Single-phase	Three-phase	kW								
EVPm2-2	EVP2-2	0.37	382	122	193	110	202	114.5	G1	G1
EVPm2-3	EVP2-3	0.55	406	146	193	110	202	114.5	G1	G1
EVPm2-4	EVP2-4	0.75	430	170	193	110	202	114.5	G1	G1
EVPm2-5	EVP2-5	1.0	454	194	193	110	202	114.5	G1	G1
EVPm2-6	EVP2-6	1.0	478	218	193	110	202	114.5	G1	G1
EVPm2-7	EVP2-7	1.1	545	248.5	210	125	202	114.5	G1	G1
EVPm2-8	EVP2-8	1.5	569	272.5	210	125	202	114.5	G1	G1
EVPm2-9	EVP2-9	1.5	593	296.5	210	125	202	114.5	G1	G1
EVPm2-11	EVP2-11	1.8	641	344.5	210	125	202	114.5	G1	G1
–	EVP2-13	2.2	689	392.5	210	125	202	114.5	G1	G1



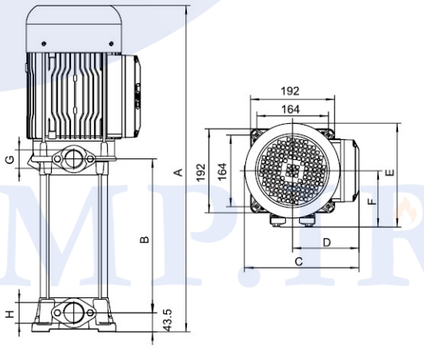
Model		Power (P2)	A	B	C	D	E	F	G	H
Single-phase	Three-phase	kW								
EVPm4-2	EVP4-2	0.55	382	122	193	110	202	114.5	G1	G1
EVPm4-3	EVP4-3	0.75	406	146	193	110	202	114.5	G1	G1
EVPm4-4	EVP4-4	1.0	430	170	193	110	202	114.5	G1	G1
EVPm4-5	EVP4-5	1.5	497	200.5	210	125	202	114.5	G1	G1
EVPm4-6	EVP4-6	1.5	521	224.5	210	125	202	114.5	G1	G1
–	EVP4-7	2.2	545	248.5	210	125	202	114.5	G1	G1
–	EVP4-8	2.2	569	272.5	210	125	202	114.5	G1	G1
–	EVP4-10	2.2	617	320.5	210	125	202	114.5	G1	G1
–	EVP4-12	3.0	731	374	240	141	218	121.5	G1	G1



Model		Power (P2)	A	B	C	D	E	F
Single-phase	Three-phase	kW						
EVPm6-3	EVP6-3	1.1	486	189	210	125	G1¼	G1¼
EVPm6-4	EVP6-4	1.5	523	226	210	125	G1¼	G1¼
—	EVP6-5	2.2	560	263	210	125	G1¼	G1¼
—	EVP6-6	2.2	597	300	210	125	G1¼	G1¼
—	EVP6-7	3.0	686	337	221	134	G1¼	G1¼
—	EVP6-8	3.0	723	374	221	134	G1¼	G1¼



Model		Power (P2)	A	B	C	D	E	F	G	H
Single-phase	Three-phase	kW								
EVPm6H-3	EVP6H-3	1.1	457	159.5	210	125	202	114.5	G1¼	G1½
EVPm6H-4	EVP6H-4	1.5	483.5	186	210	125	202	114.5	G1¼	G1½
EVPm6H-5	EVP6H-5	1.8	510	212.5	210	125	202	114.5	G1¼	G1½
—	EVP6H-6	2.2	536.5	239	210	125	202	114.5	G1¼	G1½
—	EVP6H-8	3.0	655	297.5	240	141	218	121.5	G1¼	G1½
—	EVP6H-10	4.0	708	350.5	240	141	218	121.5	G1¼	G1½



Model	Power (P2)	A	B	C	D	E	F	G	H
Three-phase	kW								
EVP10H-3	3.0	554.5	187	240	141	227	127	G1¼	G1½
EVP10H-4	4.0	577.5	220	240	141	227	127	G1¼	G1½
EVP10H-5	5.5	647	253	262	152	244	135	G1¼	G1½
EVP10H-6	5.5	680	286	262	152	244	135	G1¼	G1½
EVP10H-7	7.5	713	319	262	152	244	135	G1¼	G1½
EVP10H-8	7.5	746	352	262	152	244	135	G1¼	G1½

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تهویه و تخلیه دود
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