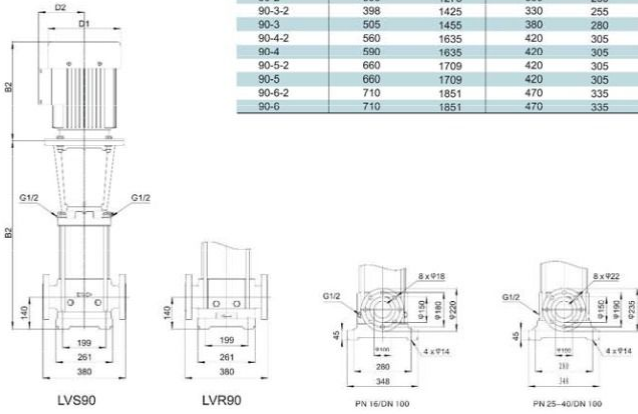


**Dimension Drawing**



MODEL	DIN FLANGE(LVR, LVS)		D1	D2
	B1	B1 + B2		
90-1-1	310	969	275	210
90-1	310	969	275	210
90-2-2	330	1278	330	255
90-2	398	1278	330	255
90-3-2	398	1425	330	255
90-3	505	1455	380	280
90-4-2	560	1635	420	305
90-4	590	1635	420	305
90-5-2	660	1709	420	305
90-5	660	1709	420	305
90-6-2	710	1851	470	335
90-6	710	1851	470	335

**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**

- 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**

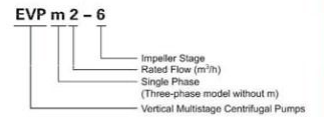
- Liquid temperature: +5°C - 60°C
- Maximum ambient temperature: +40°C
- Maximum pressure: 10 bar
- Altitude: up to 1000 m



**Model Selection Instructions**

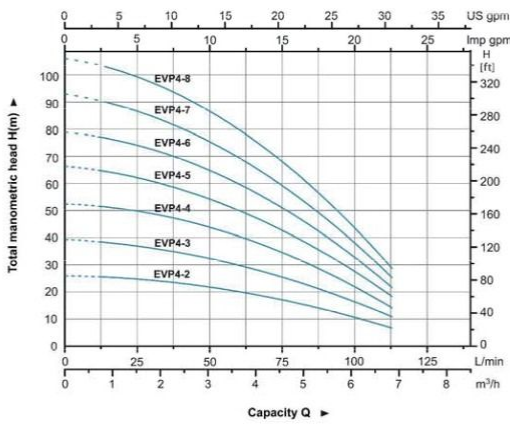
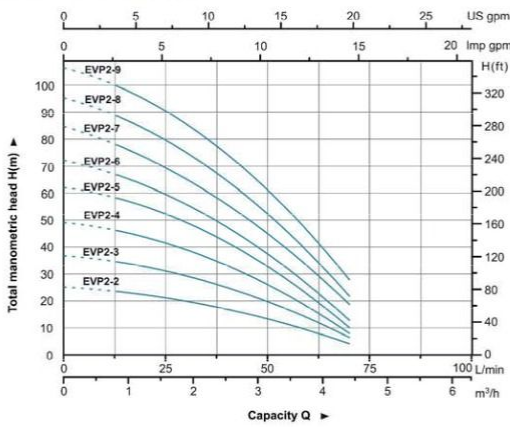
- Voltage and frequency: Single-phase 220-240V/50Hz; Three-phase 380-415V/50Hz.
- Please choose the pump with appropriate flow rate and head to meet your actual demand.

**Identification Codes**



MODEL	POWER[W]	Q(m <sup>3</sup> /h)	50	60	70	80	90	100	110
90-1-1	5.5	H(m)	21	20	18	16	14	10.5	6.5
90-1	7.5		26	25	23.5	22	20	17.5	14
90-2-2	11		43	41	38	34.5	30	24	17
90-2	15		55	52	49	46	42.5	37.5	31.5
90-3-2	18.5		71.5	68	63.5	58	51.5	44	35
90-3	22		84.5	80	75.5	70.5	65	58.5	50.5
90-4-2	30		102	97	91	84.5	76	65.5	54
90-4	30		114	109	103	96	88.5	79.5	69.5
90-5-2	37		131	125	118	109	98.5	86.5	72
90-5	37		144	136	129	121	111	101	87
90-6-2	45	161	154	145	135	123	108	91.5	
90-6	45	175	166	156	146	135	123	108	

**Hydraulic Performance Curves**

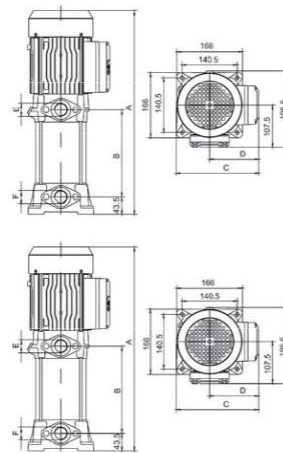


**Technical Data**

Model	Power	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	25	23	19	13	6	
EVPm2-3	EVP2-3	0.55	0.75	37	33	28	20	9	
EVPm2-4	EVP2-4	0.75	1.0	49	45	37	26	11	
EVPm2-5	EVP2-5	1.0	1.33	62	57	46	33	15	
EVPm2-6	EVP2-6	1.0	1.33	72	65	53	37	18	
EVPm2-7	EVP2-7	1.1	1.5	85	75	62	45	25	
EVPm2-8	EVP2-8	1.5	2.0	95	87	71	52	28	
EVPm2-9	EVP2-9	1.5	2.0	106	98	82	60	35	

Model	Power	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	26	25	24	22	19	15	10	
EVPm4-3	EVP4-3	0.75	1.0	39	38	36	33	28	22	15	
EVPm4-4	EVP4-4	1.0	1.33	52	51	49	44	38	30	21	
EVPm4-5	EVP4-5	1.5	2.0	66	64	60	55	47	37	27	
EVPm4-6	EVP4-6	1.5	2.0	78	77	72	65	56	45	31	
---	EVP4-7	2.2	3.0	92	90	84	78	65	52	36	
---	EVP4-8	2.2	3.0	105	103	97	86	75	60	42	

**Dimension**



Model	Power (P2)	Dimensions					
		A	B	C	D	E	F
Single-phase	Three-phase	kW					
EVPm2-2	EVP2-2	0.37	382	120	183	110	G1 G1
EVPm2-3	EVP2-3	0.55	406	144	193	110	G1 G1
EVPm2-4	EVP2-4	0.75	430	168	193	110	G1 G1
EVPm2-5	EVP2-5	1.0	454	192	193	110	G1 G1
EVPm2-6	EVP2-6	1.0	478	216	193	110	G1 G1
EVPm2-7	EVP2-7	1.1	545	247.5	210	125	G1 G1
EVPm2-8	EVP2-8	1.5	569	271.5	210	125	G1 G1
EVPm2-9	EVP2-9	1.5	593	295.5	210	125	G1 G1

Model	Power (P2)	Dimensions					
		A	B	C	D	E	F
Single-phase	Three-phase	kW					
EVPm4-2	EVP4-2	0.55	382	120	183	110	G1 G1
EVPm4-3	EVP4-3	0.75	406	144	183	110	G1 G1
EVPm4-4	EVP4-4	1.0	430	168	210	125	G1 G1
EVPm4-5	EVP4-5	1.5	497	199.5	210	125	G1 G1
EVPm4-6	EVP4-6	1.5	521	223.5	210	125	G1 G1
---	EVP4-7	2.2	545	247.5	210	125	G1 G1
---	EVP4-8	2.2	569	271.5	210	125	G1 G1