



NATION PUMP CATALOG

2024

50Hz



CÔNG TY TNHH NATION PUMP
南生幫浦責任有限公司

N 1 6, KM 10 ĐƯỜNG NGUYỄN MỸ PHƯƠNG 2, HUYỆN ĐEN CÁT, TỈNH VINH DUONG

南生幫浦責任有限公司
CÔNG TY TNHH NATION PUMP



OUR HISTORY OF CREATING MEMORIES

Certification

Won ISO9001:2015 quality certification
Obtained European CE certification

2022

origin

It started as a simple processing parts factory, starting from OEM pump factory and motor factory parts. After gradually understanding the relevant knowledge, it began to plan the production of pumps and motor manufacturing.



Founded(Vietnam)

In order to meet the needs of the pump market, we expanded our factory in Vietnam in 2005. This is NTP Pump located in NA6, My Phuoc 2nd Industrial Zone.

1989

1998

2005

2018

Founded(Taiwan)

From simple production lines, to increasing related knowledge and research, there are now professional production lines, coating lines, product testing laboratories, etc...

Since then, our brand has continued to improve and develop, and our products have been exported to Vietnam, Malaysia, Thailand, Singapore, Indonesia, etc.

Expansion

Taiwan factory increases production equipment and storage area



In the future, we will strive to obtain more certifications to better ensure product quality.

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Coaxial scroll pump



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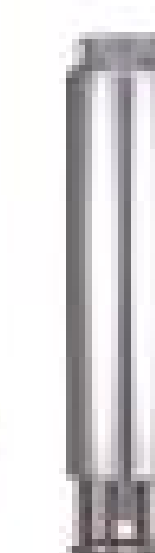
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High-pressure boiler pump



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TYPE EXPLANATION

HVP Coaxial scroll pump



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Product Usage



Other material:

HVS Stainless steel Coaxial scroll pump



Optional:

TECO IE3 Motor
high efficiency, Energy saving.

Can be customized:

Shaft seal
Prevents delivery solution from leaking into motor. Material: (Tungsten steel / Viton / Sic)

Characteristic

- The motor and pump body are coaxially connected, so there is no eccentric shaking.
- Easy to operate and easy to start.

2750RPM 3PHASES 2P Unit:L/min																	
TYPE	HP	BORE	5M	10M	15M	20M	25M	30M	35M	40M	45M	50M	55M	60M	65M	70M	75M
HVP340-1.75 2O5	1	1½" (40mm)	160	20													
HVP340-11.5 2O5	2	1½" (40mm)	280	250	170	70											
HVP350-11.5 2O5	2	2" (50mm)	390	300	170												
HVP350-12.2 2O5	3	2" (50mm)	300	290	200	160											
HVP365-12.2 2O5	3	2½" (65mm)	480	330	100												
HVP380-12.2 2O5	3	3" (80mm)	570	410	150												
HVP380-13.7 2O5	5	3" (80mm)	630	600	580	480	270										
HVP380-15.5 2O5	7½	3" (80mm)	630	600	580	550	450	370	330								
HVP3100-15.5 2O5	7½	4" (100mm)	1470	1260	970	600											
HVP380-17.5 2O5	10	3" (80mm)	650	630	610	590	570	560	450	370	230						
HVP3100-17.5 2O5	10	4" (100mm)	1660	1470	1130	870	410										
HVP380-111 2O5	15	3" (80mm)			845	840	835	830	825	820	650	455	275				
HVP3100-111 2O5	15	4" (100mm)	1880	1820	1700	1510	1330	1110	670								
HVP3125-111 2O5	15	5" (125mm)	2540	2130	1820	1290	220										
HVP380-115 2O5	20	3" (80mm)			910	905	895	885	845	820	650	455	275				
HVP3100-115 2O5	20	4" (100mm)	2320	2220	2130	1970	1760	1510	1260	910							
HVP3125-115 2O5	20	5" (125mm)	2800	2690	2320	1880	1360	780									
HVP380-119 2O5	25	3" (80mm)	920	910	900	890	885	865	845	835	820	820	440	440			
HVP3100-119 2O5	25	4" (100mm)	1680	1660	1650	1640	1580	1510	1330	1130	950	750	390				
HVP3125-119 2O5	25	5" (125mm)			3220	3050	2640	2200	1620	790							
HVP3150-119 2O5	25	6" (150mm)	3790	3740	3430	3110	2750	1970									
HVP3100-122 2O5	30	4" (100mm)	1620	1580	1560	1540	1470	1360	1330	1290	1230	880	630				
HVP3125-122 2O5	30	5" (125mm)		3340	3280	3110	2880	2460	2060	1340	500						
HVP3150-122 2O5	30	6" (150mm)	4040	3770	3490	3190	2830	2170	1160								
HVP3100-130 2O5	40	4" (100mm)	1780	1740	1720	1700	1690	1680	1660	1640	1620	1150	750	500			
HVP3125-130 2O5	40	5" (125mm)		3950	3910	3875	3600	2600	2000	1500							
HVP3150-130 2O5	40	6" (150mm)	4670	4530	4210	3870	3340	2750	1930								
HVP3100-137 2O5	50	4" (100mm)	1820	1760	1700	1700	1680	1680	1620	1620	1560	1560	1540	1540	1360	1070	610
HVP3125-137 2O5	50	5" (125mm)	4240	4190	4170	4150	4110	3970	3190	2440	1360						
HVP3150-137 2O5	50	6" (150mm)	4310	4240	4220	4170	4140	3970	3580	3050	2410						

HVP Coaxial scroll pump



■ The entrance and exit can be changed:

● flange



● intubation



■ Other material:

HVS

Stainless steel

Coaxial scroll pump

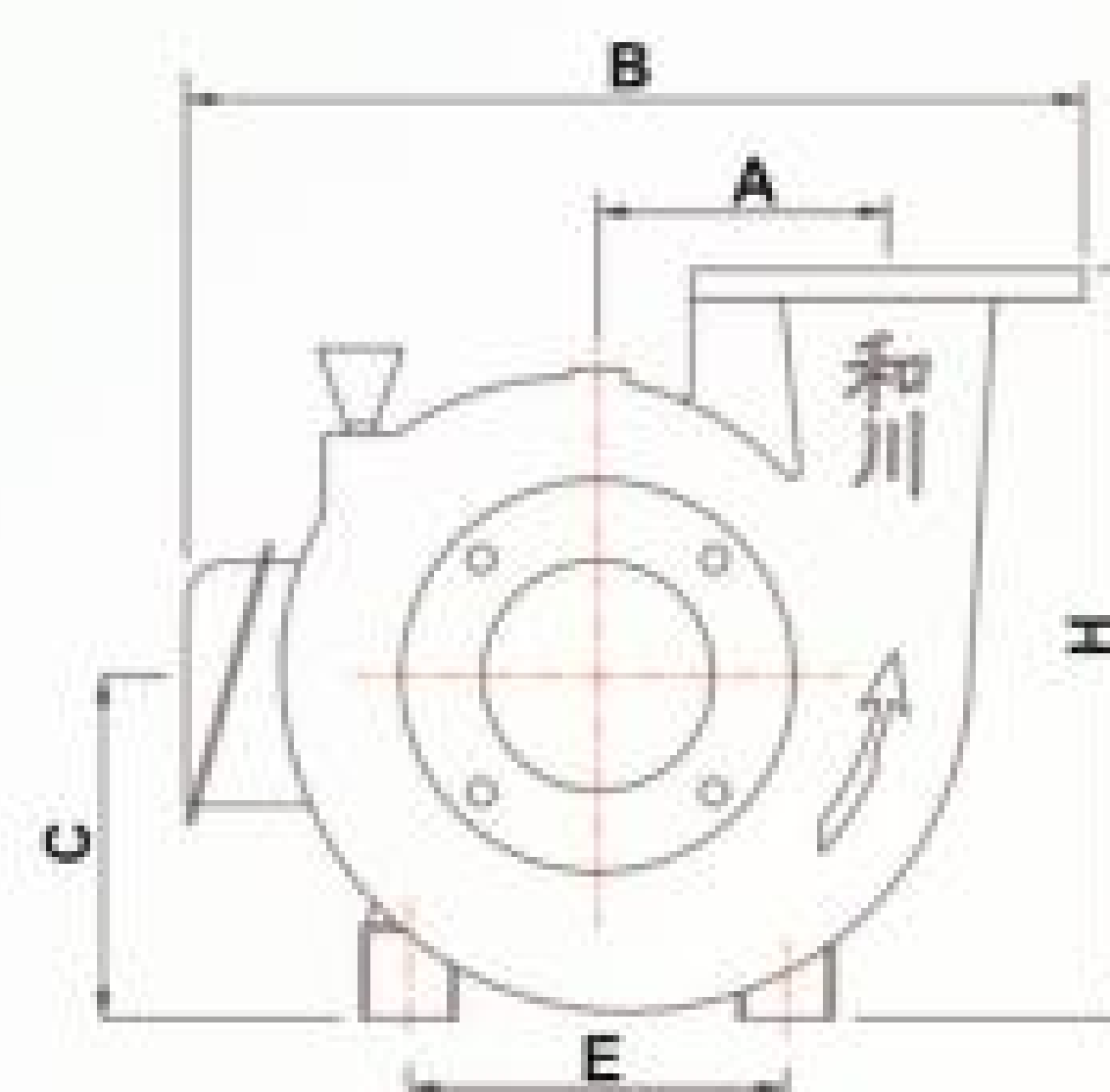
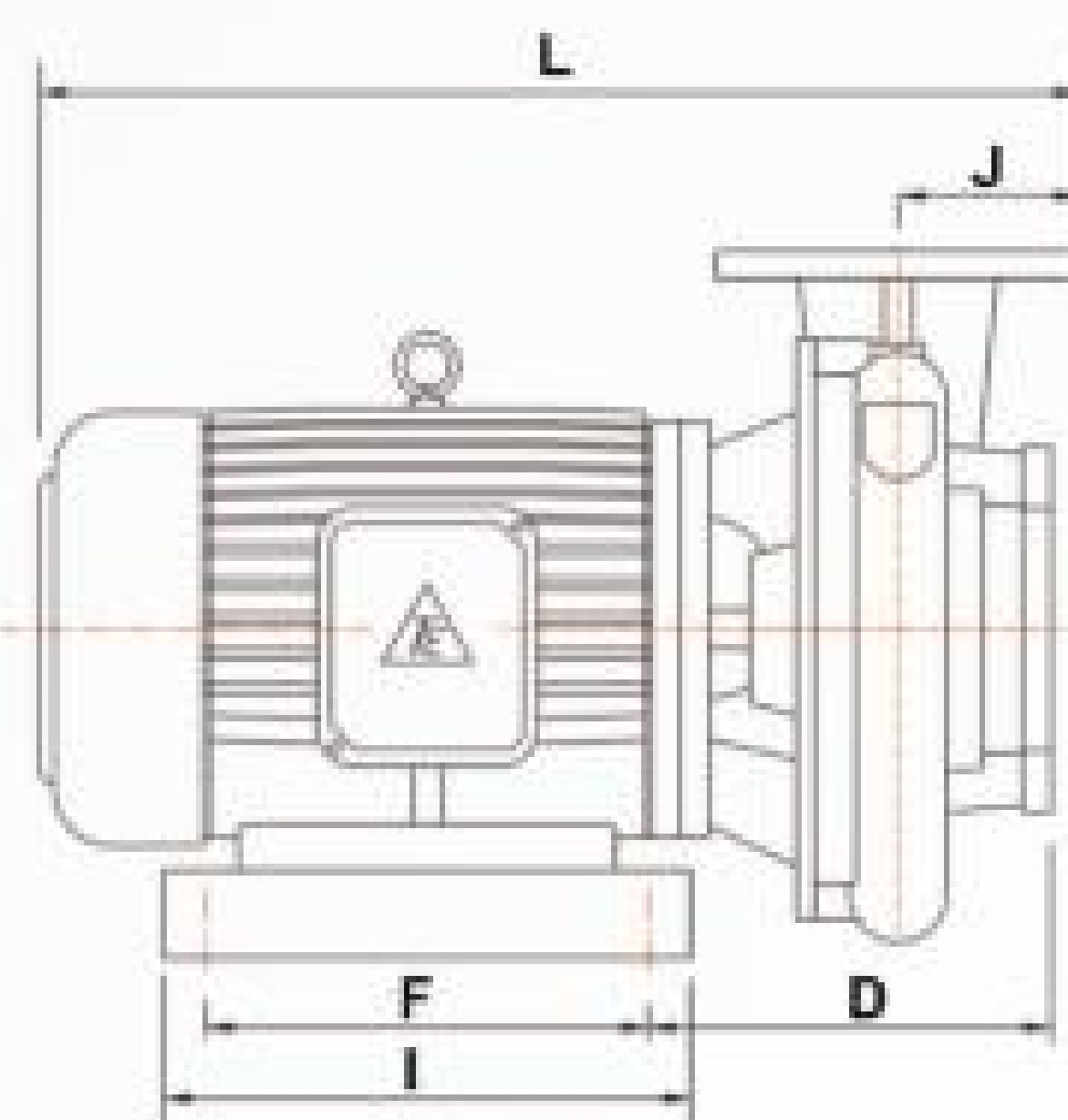


TYPE	HP	BORE	1450RPM 3PHASES 4P Unit:L/min							
			5M	10M	15M	20M	25M	30M	35M	40M
HVP380-13.7 4O5	5	3" (80mm)	720	620	425					
HVP3100-15.5 4O5	7½	4" (100mm)	1630	1330	800					
HVP3100-17.5 4O5	10	4" (100mm)	1840	1670	1440	1120				
HVP3100-111 4O5	15	4" (100mm)	1735	1735	1735	1640	1200			
HVP3125-111 4O5	15	5" (125mm)	1960	1840	1720	1400	920			
HVP3150-111 4O5	15	6" (150mm)	2605	2480	2270					
HVP3125-115 4O5	20	5" (125mm)	2640	2480	2320	2000	1360			
HVP3150-115 4O5	20	6" (150mm)	3510	3480	3160	2580				
HVP3125-119 4O5	25	5" (125mm)	3600	3360	2960	2480	2080	1840	1200	
HVP3150-119 4O5	25	6" (150mm)	3560	3560	3480	3190	2290			
HVP3200-119 4O5	25	8" (200mm)	4000	3600	3360	2960	2320			
HVP3150-122 4O5	30	6" (150mm)	3560	3560	3640	3190	2505			
HVP3200-122 4O5	30	8" (200mm)	6005	5285	4455	3910				
HVP3150-130 4O5	40	6" (150mm)	4480	4320	4160	3840	3040			
HVP3200-130 4O5	40	8" (200mm)	6040	5800	5280	4485	3280			
HVP3200-137 4O5	50	8" (200mm)	6480	6160	5760	5200	4240	2880		

Physical dimension

2P Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
HVP340-1.75 2O5	70	265	96	167	125	206	218	230	47	355
HVP340-11.5 2O5	85	295	106	178	140	237	253	260	62	413
HVP350-11.5 2O5	85	295	106	178	140	237	253	260	62	413
HVP350-12.2 2O5	91	306	106	178	140	237	260	260	72	410
HVP365-12.2 2O5	91	306	106	178	140	237	260	260	72	410
HVP380-12.2 2O5	91	306	106	178	140	237	260	260	72	410
HVP380-13.7 2O5	91	348	138	236	190	264	312	300	72	480
HVP380-15.5 2O5	91	348	158	236	220	264	312	300	78	520
HVP3100-15.5 2O5	111	416	158	277	220	264	316	300	78	548
HVP380-17.5 2O5	123	416	158	277	216	264	366	300	78	548
HVP3100-17.5 2O5	123	437	158	284	216	264	366	300	90	556
HVP380-111 2O5	129	454	230	124	270	348	401	400	98	680
HVP3100-111 2O5	129	475	230	137	270	348	401	400	77	705
HVP3125-111 2O5	138	520	230	140	230	348	428	400	90	714
HVP380-115 2O5	123	454	230	124	230	348	388	400	98	680
HVP3100-115 2O5	129	475	230	137	270	348	401	400	77	705
HVP3125-115 2O5	138	520	230	140	230	348	428	400	90	714
HVP380-119 2O5	171	532	230	182	230	460	430	500	98	790
HVP3100-119 2O5	171	532	230	182	230	460	430	500	98	790
HVP3125-119 2O5	165	480	210	157	225	250	555	450	95	920
HVP3150-119 2O5	129	532	230	140	230	460	430	500	98	825
HVP3100-122 2O5	171	532	250	155	250	460	455	500	92	795
HVP3125-122 2O5	160	480	241	185	276	350	622	450	100	920
HVP3150-122 2O5	165	532	250	155	250	460	538	500	137	855
HVP3100-130 2O5	171	712	270	155	270	460	470	450	92	860
HVP3125-130 2O5	165	480	262	192	302	350	555	450	110	920
HVP3150-130 2O5	165	712	270	160	270	460	548	500	137	875
HVP3100-137 2O5	165	680	300	205	320	490	555	550	120	985
HVP3125-137 2O5	165	680	300	205	320	490	555	550	120	985
HVP3150-137 2O5	165	680	300	205	320	490	555	550	120	985



4P Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
HVP380-13.7 4O5	140	422	182	112	190	250	362	300	83	509
HVP3100-15.5 4O5	160	490	202	151	216	250	422	300	100	584
HVP3100-17.5 4O5	160	484	202	170	216	250	422	300	100	614
HVP3100-111 4O5	160	529	230	166	254	350	450	400	100	707
HVP3125-111 4O5	160	548	230	166	254	350	450	400	95	727
HVP3150-111 4O5	172	575	230	176	254	350	470	400	120	753
HVP3125-115 4O5	160	541	230	187	254	350	470	400	95	757
HVP3150-115 4O5	172	568	230	198	254	350	470	400	120	793
HVP3125-119 4O5	235	676	280	173	279	450	520	500	107	854
HVP3150-119 4O5	206	647	280	185	279	450	560	500	206	865
HVP3200-119 4O5	220	686	280	192	279	450	560	500	135	897
HVP3150-122 4O5	235	676	280	174	279	450	560	500	107	854
HVP3200-122 4O5	220	686	280	192	279	450	560	500	135	897
HVP3150-130 4O5	220	660	280	207	279	450	550	500	110	875
HVP3200-130 4O5	220	690	280	207	279	450	560	500	135	936
HVP3200-137 4O5	253	700	300	180	320	600	622	650	150	970

EVA Onshore turbo frequency conversion alternately juxtaposed booster pump



04

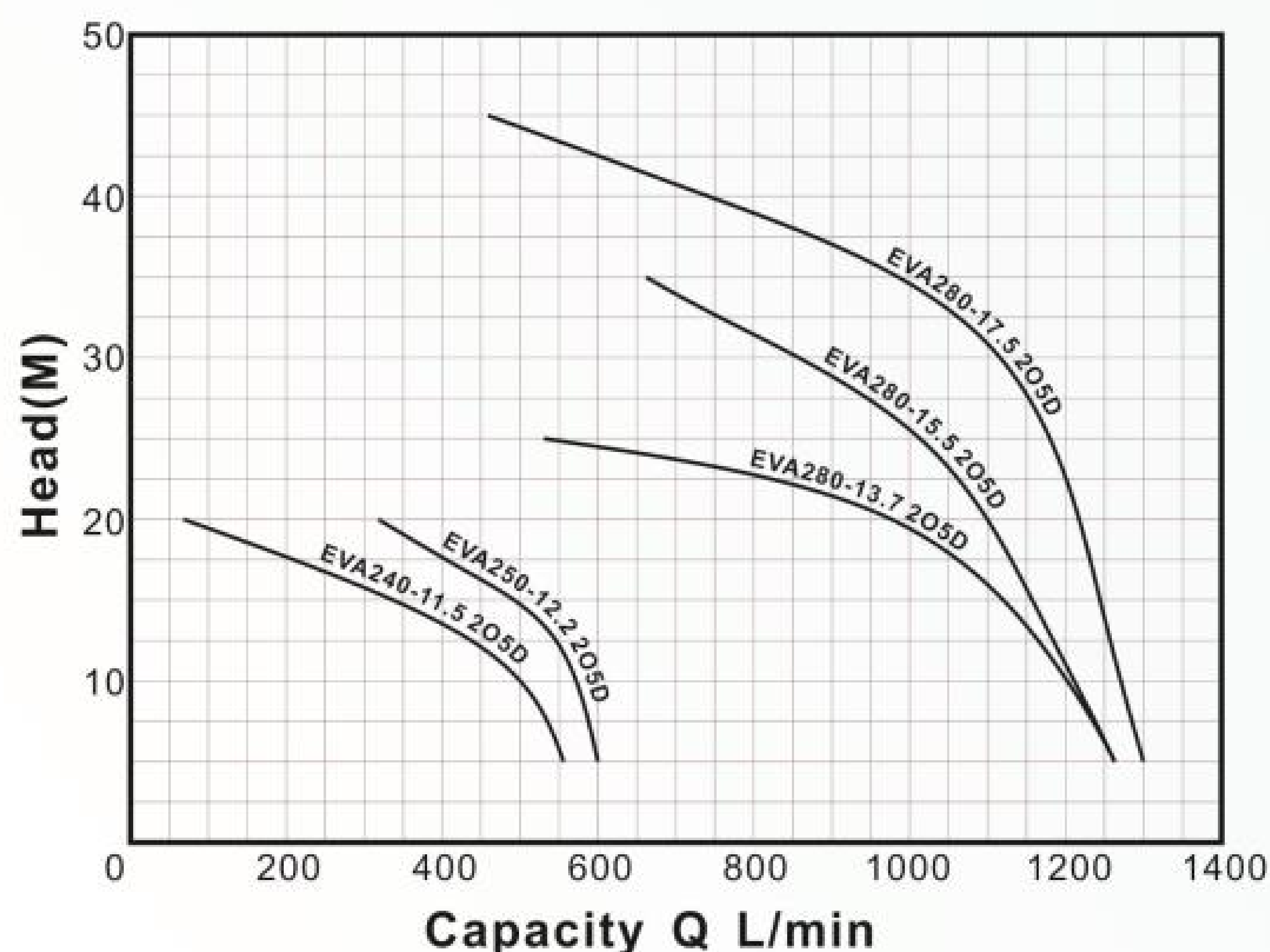
Product Usage



Characteristic

- **Water shortage protection**
- When running without water, the inverter will automatically stop power supply.
- **Constant pressure and stable pressure**
- the pressure will not be higher than the pressure setting value during use, so that the pressure can be maintained within a constant pressure range and will not fluctuate.
- **Extend pipeline life**
- slow start and slow stop, no water hammer phenomenon.
- **Run in parallel**
- When using, a single unit is started. As the water usage increases, if the operation of a single unit cannot meet the set pressure and water usage, the second unit will start automatically and incorporate operation compensation. As the water volume decreases, a single unit can meet the set pressure and water usage, the second unit automatically shuts down.
- **Alternate operation**
- The starting sequence can alternate operation according to the set time.

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	MAX CAPACITY	MAX HEAD	PRESSURE
	HP (kw)	INCH(mm)		L/min	M	Kg/cm ²
EVA240-11.5 205D	2 (1.5)	1½" (40)	200 - 240 & 380 - 480	560	20	2.0
EVA250-12.2 205D	3 (2.2)	2" (50)		600	20	2.0
EVA280-13.7 205D	5 (3.7)	3" (80)		1260	25	2.5
EVA280-15.5 205D	7½ (5.5)	3" (80)		1260	35	3.5
EVA280-17.5 205D	10 (7.5)	3" (80)		1300	45	4.5



Product Usage



Characteristic

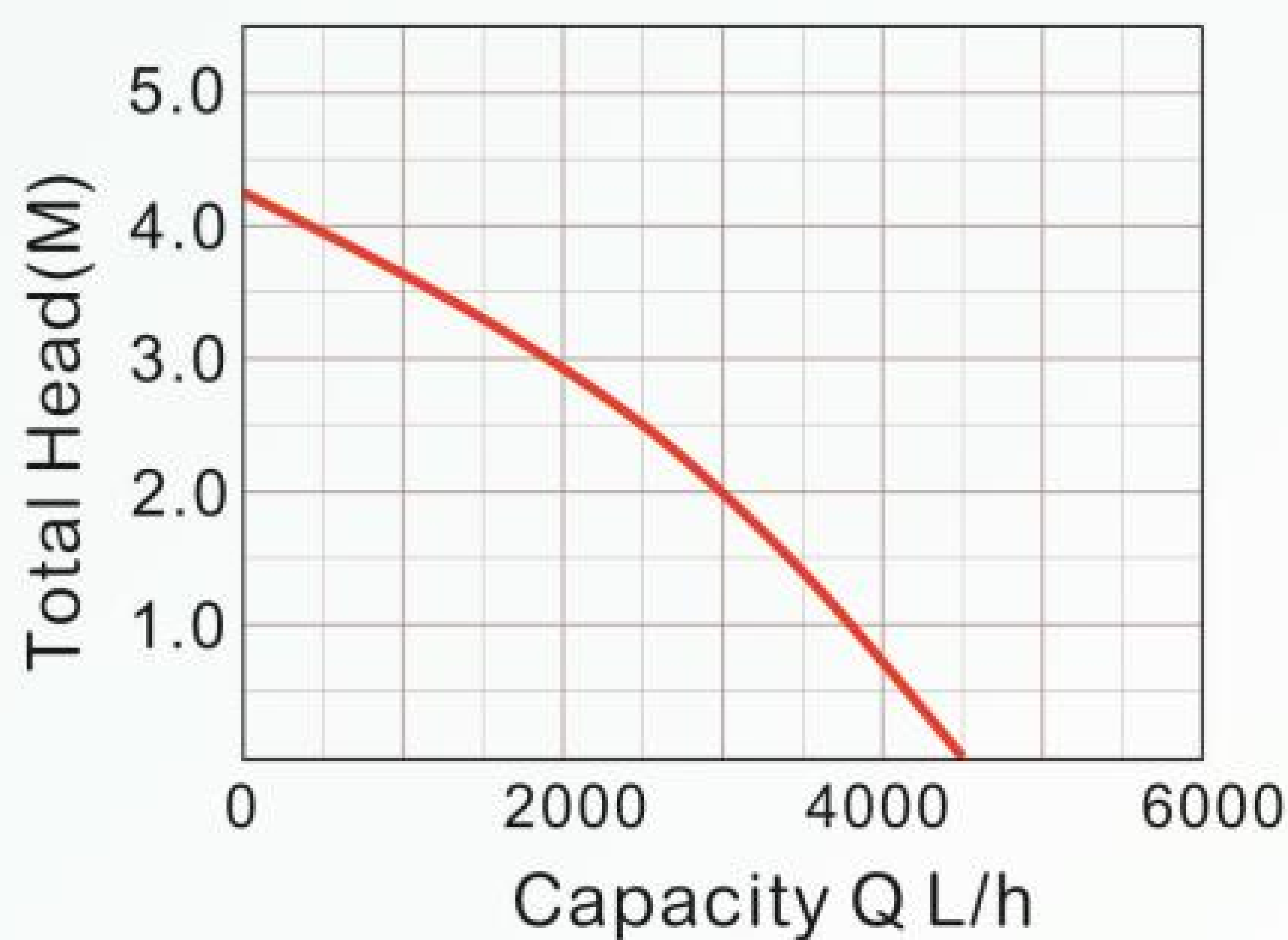
- It has excellent water absorption and large water output.
- Lightweight, energy-saving, low noise, and can operate continuously for 24 hours.
- The product contains two water outlet diameters of 20mm & 25mm.

Conditions of use

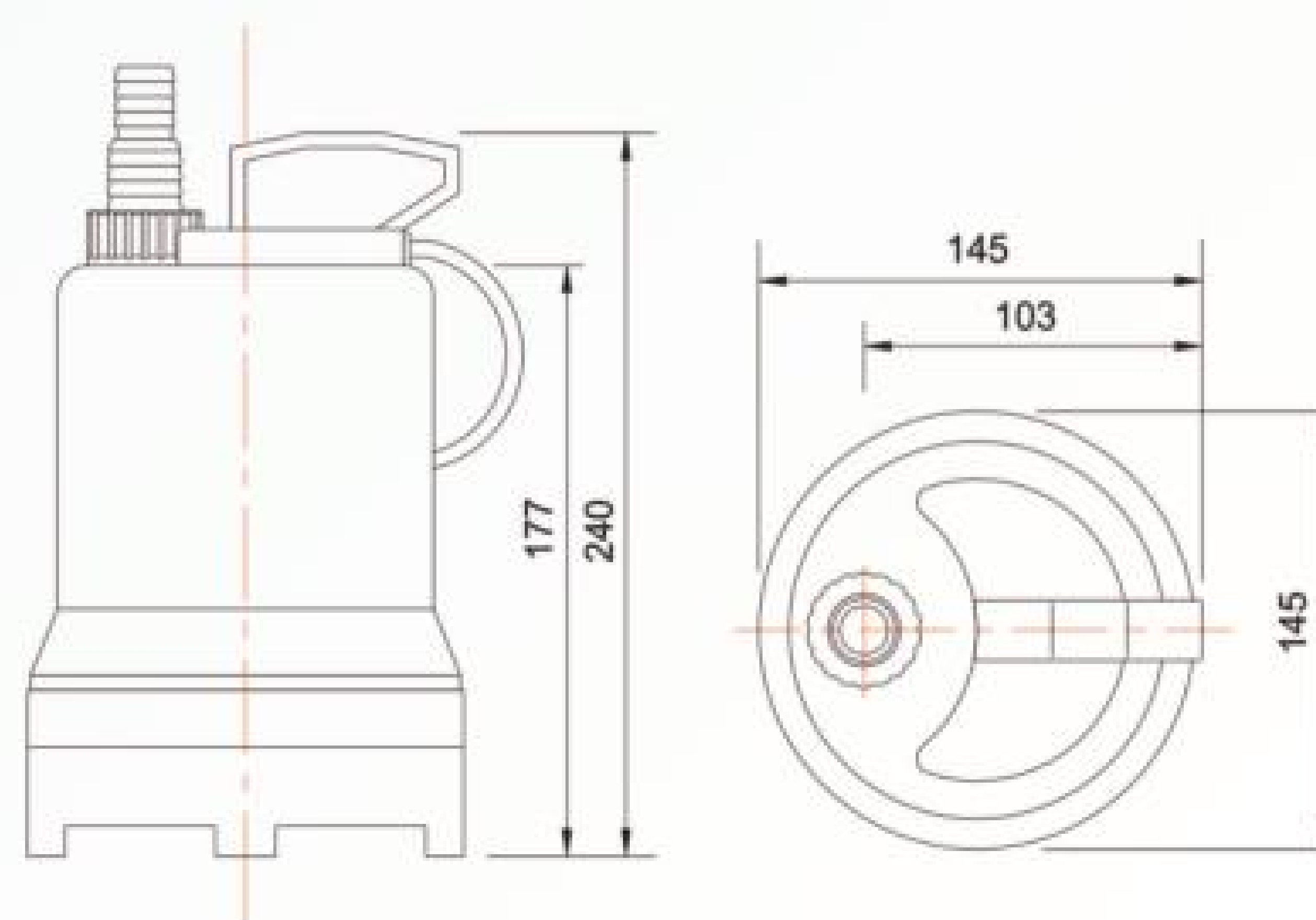
- ambient temperature : MAX.+40°C
- liquid temperature : +4°C~+40°C
- Applicable liquids: **Sea water**, clean water, non-corrosive liquids close to water



Characteristic curve



Physical dimension



TYPE	POWER	BORE	VOLTAGE	PHASE	MAX CAPACITY	MAX HEAD	WEIGHT
	HP(kW)	inch(mm)	V	Ø	L/h	M	KG
HSM120-1.10 265	1/8 (0.1)	3/4"(20) 1"(25)	220	1	4500	4.2	3

HSM

Sewage type
Submersible pump



HSF

Filth type
Submersible pump



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Product Usage

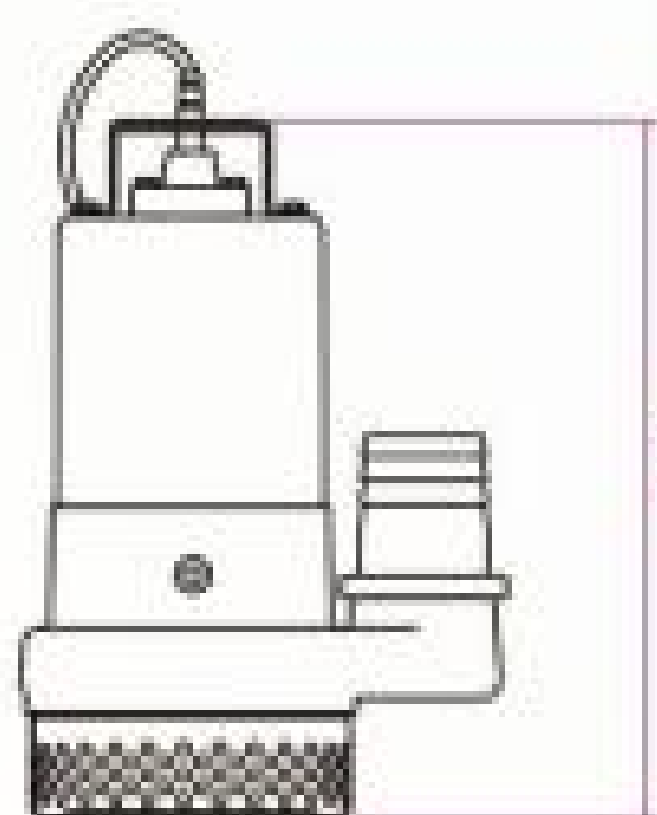


Characteristic

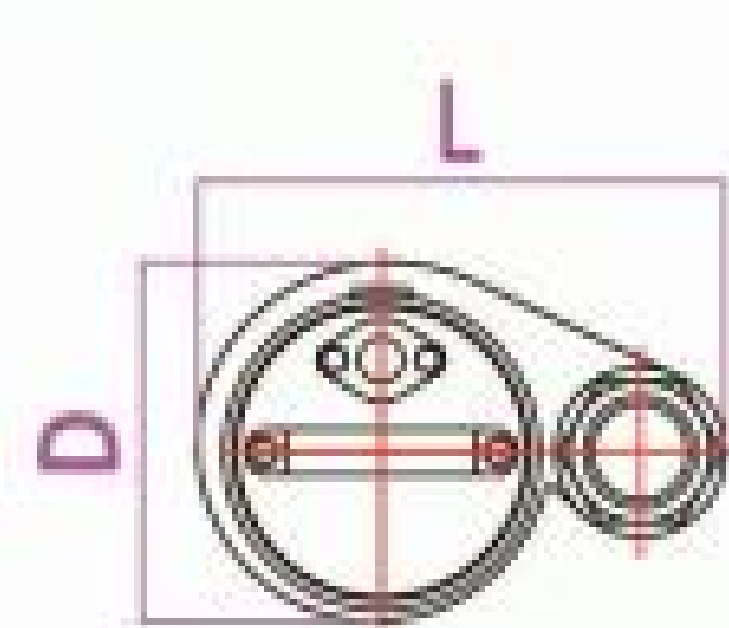
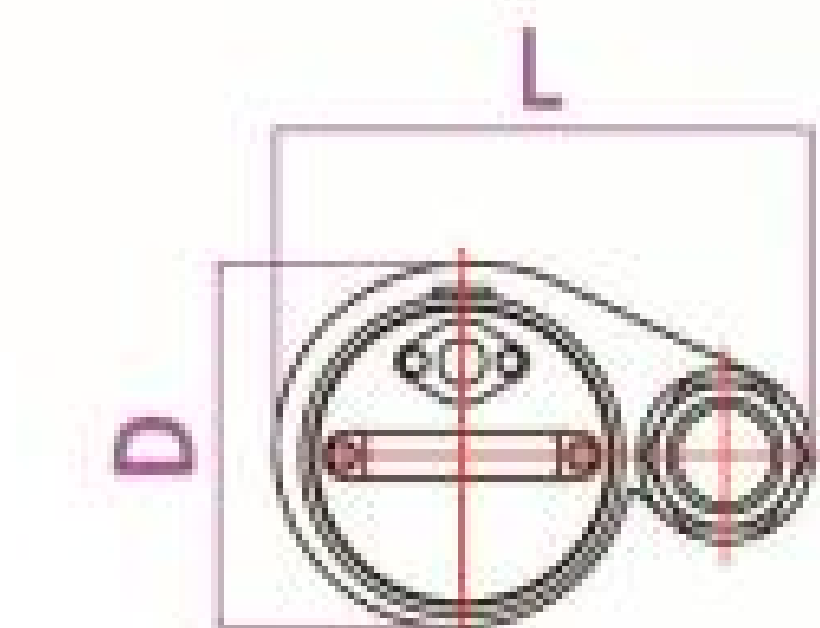
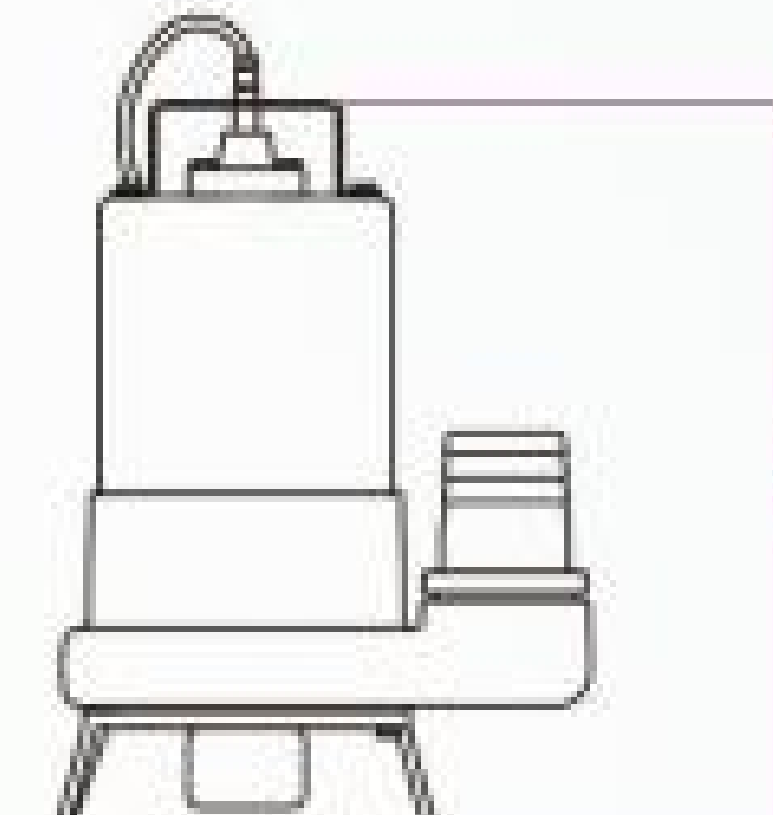
- Light weight
- Save power
- Low noise
- The motor is equipped with a temperature protection device.

Physical dimension

HSM



HSF



TYPE	L	D	H
HSM240-1.25 26(O)5	185	140	276
HSM250-1.37 26(O)5	220	150	292
HSF250-1.37 26(O)5	230	170	323

TYPE	POWER HP(kW)	BORE Inch(mm)	VOLTAGE V	HEAD M	CAPACITY M ³ /min	MAX HEAD M	MAX CAPACITY M ³ /min	WEIGHT KG
HSM240-1.25 26(O)5	1/3 (0.25)	1 1/2" (40)	220 & 380	6	0.10	8	0.14	9
HSM250-1.37 26(O)5	1/2 (0.37)	2" (50)		8	0.14	10	0.21	12
HSF250-1.37 26(O)5	1/2 (0.37)	2" (50)		8	0.14	10	0.21	12

Optional

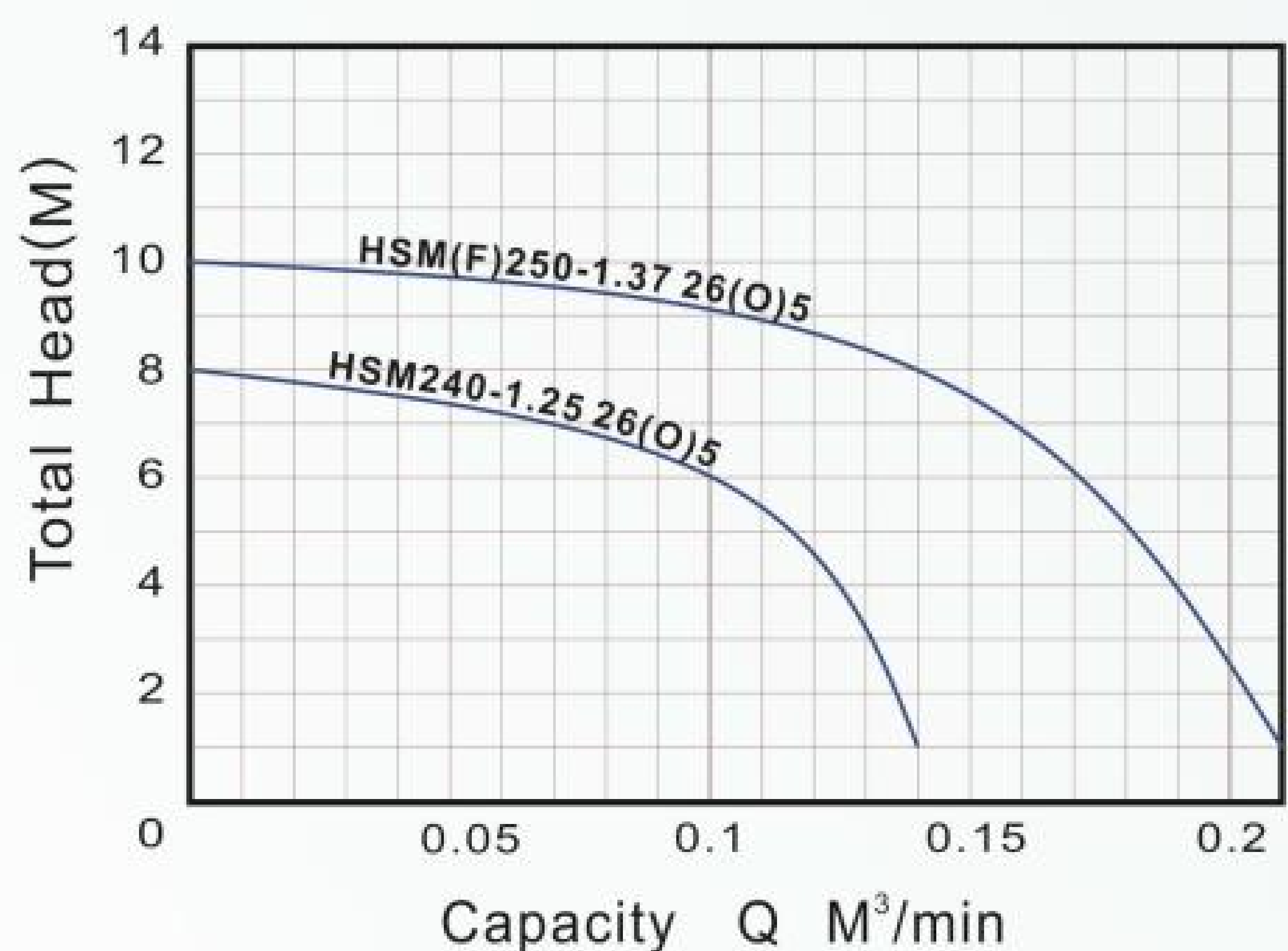
■ Float switch

Automatic water level control, automatically operates and drains water through the floating ball up and down the water level. **Only applicable to models below 2HP (inclusive)**



Project		Description
Extract fluid	Temperature	0~40°C
	liquid	Pool water/clear water /stagnant water/fresh water
Structure	Frequency	50Hz
	Electric motor	2-pole-dry submersible motor
	Insulation level	B
	Waterproof level	IP68
	protective device	Motor thermal protector
	Bearing	Deep groove ball bearing
	Shaft seal	Single group mechanical shaft seal
Material	Impeller	Centrifugal semi-open
	Upper cover	FC200
	Motor body	SUS304
	Axis	SUS410
	Shaft seal	CE/C
	Pump body	FC200
	Impeller	FC200
	Cable	VCT

Characteristic curve





Product Usage



Optional

■ Float switch



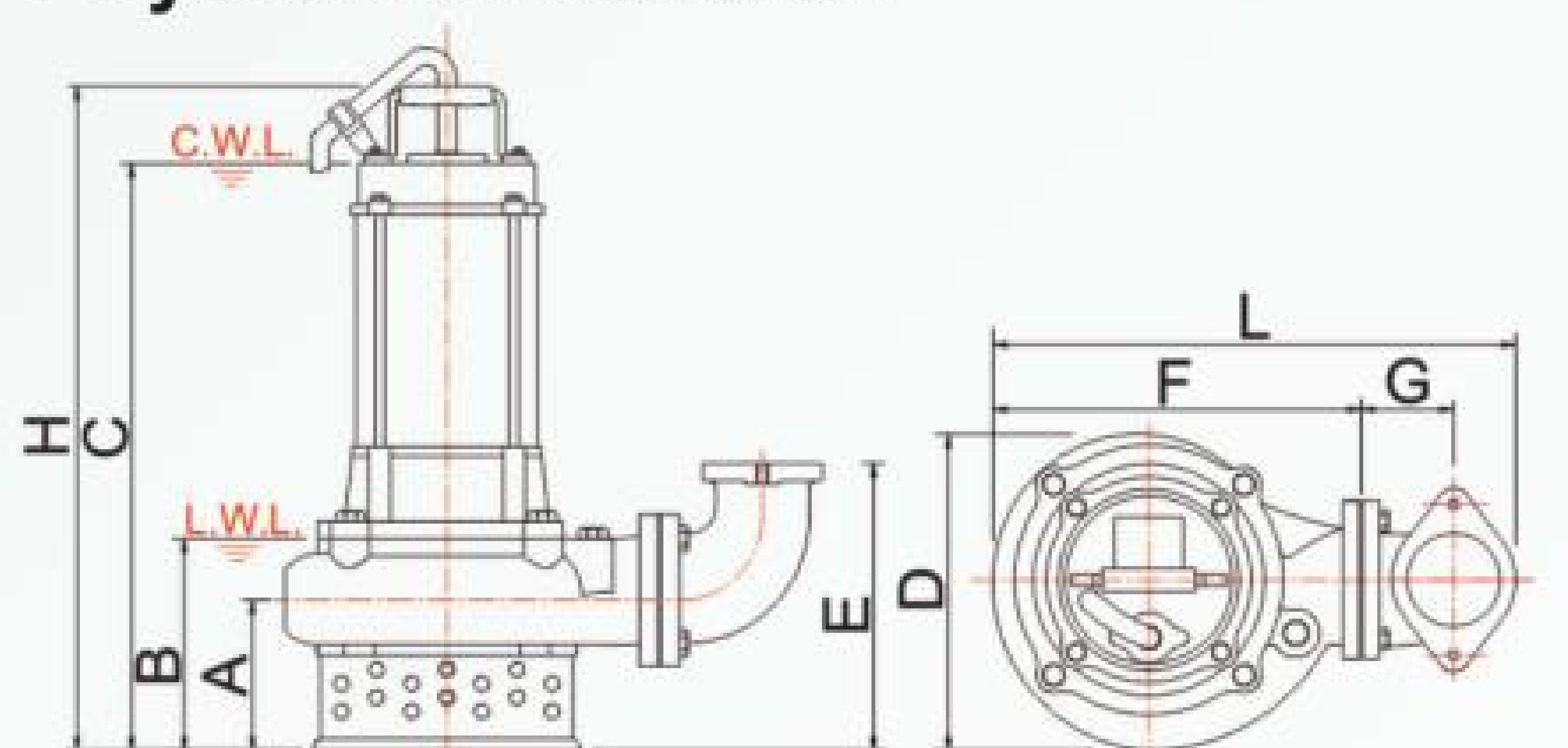
Automatic water level control, automatically operates and drains water through the floating ball up and down the water level.

Only applicable to models below 2HP (inclusive)

Characteristic

- The motor is specially impregnated and dried to ensure optimal motor insulation and pump waterproofing, etc. Grade complies with IP68.
- The pump is light in weight, small in size, and easy to install and move.
- The shaft seal adopts a double-pack SIC silicon carbon steel mechanical shaft seal design.
- The motor is equipped with a temperature controller or motor overload protector to effectively prevent motor abnormalities. Burnout during overload.

Physical dimension



Unit:mm

TYPE	PHASE	A	B	C	D	E	F	G	H	L
HSM150-1.37 265	1	55	95	330	130	100	-	-	385	220
HSM730-1.75 265	1	55	80	345	140	80	-	-	400	230
HSM250-1.75 26(O)5	1 / 3	85	110	375	165	130	-	-	435	245
HSM280-1.75 26(O)5	1 / 3	90	140	400	170	130	-	-	460	280
HSM280-11.5 265	1	115	155	540	175	205	80	220	605	355
HSM280-11.5 2O5	3	115	155	440	175	205	80	220	505	355
HSM280-12.2 265	1	110	140	520	205	200	80	240	580	380
HSM280-12.2 2O5	3	110	140	435	205	200	80	240	495	380
HSM2100-12.2 2O5	3	110	140	435	205	285	87	240	495	375
HSM280-13.7 2O5	3	110	135	455	210	190	80	240	510	370
HSM2100-13.7 2O5	3	110	135	455	210	275	87	240	510	375
HSM2100-15.5 2O5	3	125	180	545	210	300	87	275	620	405
HSM2100-17.5 2O5	3	125	180	560	260	300	87	305	640	440

Project		Description
Extract fluid	Temperature	0~40°C
	liquid	Domestic sewage-foreign matter sewage-industrial wastewater
Structure	Frequency	50Hz
	Electric motor	2-pole-dry submersible motor
	Insulation level	B level (1-3HP) F level (5-10HP)
	Waterproof level	IP68
	protective device	3Ø:Motor overload protector 1Ø:1-2HP thermal protector
	Bearing	Deep groove ball bearings
	Shaft seal	Double set mechanical shaft seal
	Impeller	centrifugal semi-open
Material	Upper cover	FC200
	Motor body	SUS304
	Axis	SUS304
	Shaft seal	CE/Sic
	Pump body	FC200
	Impeller	FC200
	Cable	VCT



HSM150-1.37 265

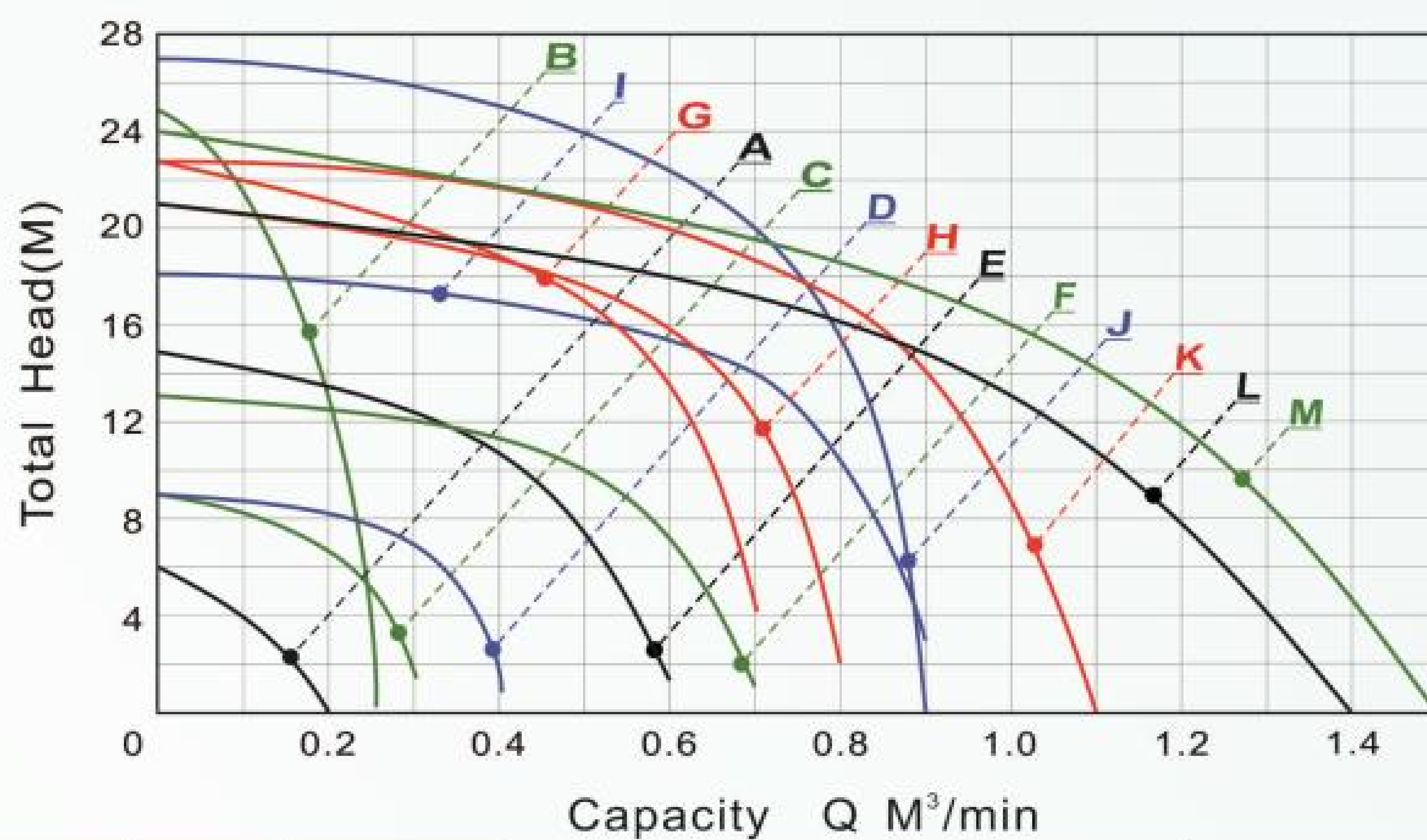
HSM280-1.75 26(O)5

HSM280-11.5 26(O)5

HSM280-13.7 205

HSM2100-17.5 205

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	PHASE	HEAD	CAPACITY	MAX HEAD	MAX CAPACITY	WEIGHT	CURVE CODES
	HP	Inch(mm)	V	Ø	M	M³/min	M	M³/min	KG	KG
HSM150-1.37 265	½	2"(50)	220	1	4	0.10	6	0.20	15	A
HSM730-1.75 265	1	1¼"(30)			18	0.15	25	0.25	20	B
HSM250-1.75 26(O)5	1	2"(50)	220 & 380	1 & 3	7	0.20	9	0.30	23	C
HSM280-1.75 26(O)5	1	3"(80)			7	0.30	9	0.40	23	D
HSM250-11.5 26(O)5	2	2"(50)			11	0.40	15	0.60	31	E
HSM280-11.5 26(O)5	2	3"(80)			10	0.50	13	0.70	31	F
HSM250-12.2 26(O)5	3	2"(50)			17	0.50	23	0.70	52	G
HSM280-12.2 26(O)5	3	3"(80)			16	0.60	21	0.80	52	H
HSM2100-12.2 26(O)5	3	4"(100)			14	0.70	18	0.90	52	I
HSM280-13.7 205	5	3"(80)			20	0.70	27	0.90	70	J
HSM2100-13.7 205	5	4"(100)	380	3	17	0.80	23	1.10	70	K
HSM2100-15.5 205	7½	4"(100)			15	0.90	21	1.40	71	L
HSM2100-17.5 205	10	4"(100)			16	1.0	24	1.50	81	M

HSF Dirt type Submersible pump



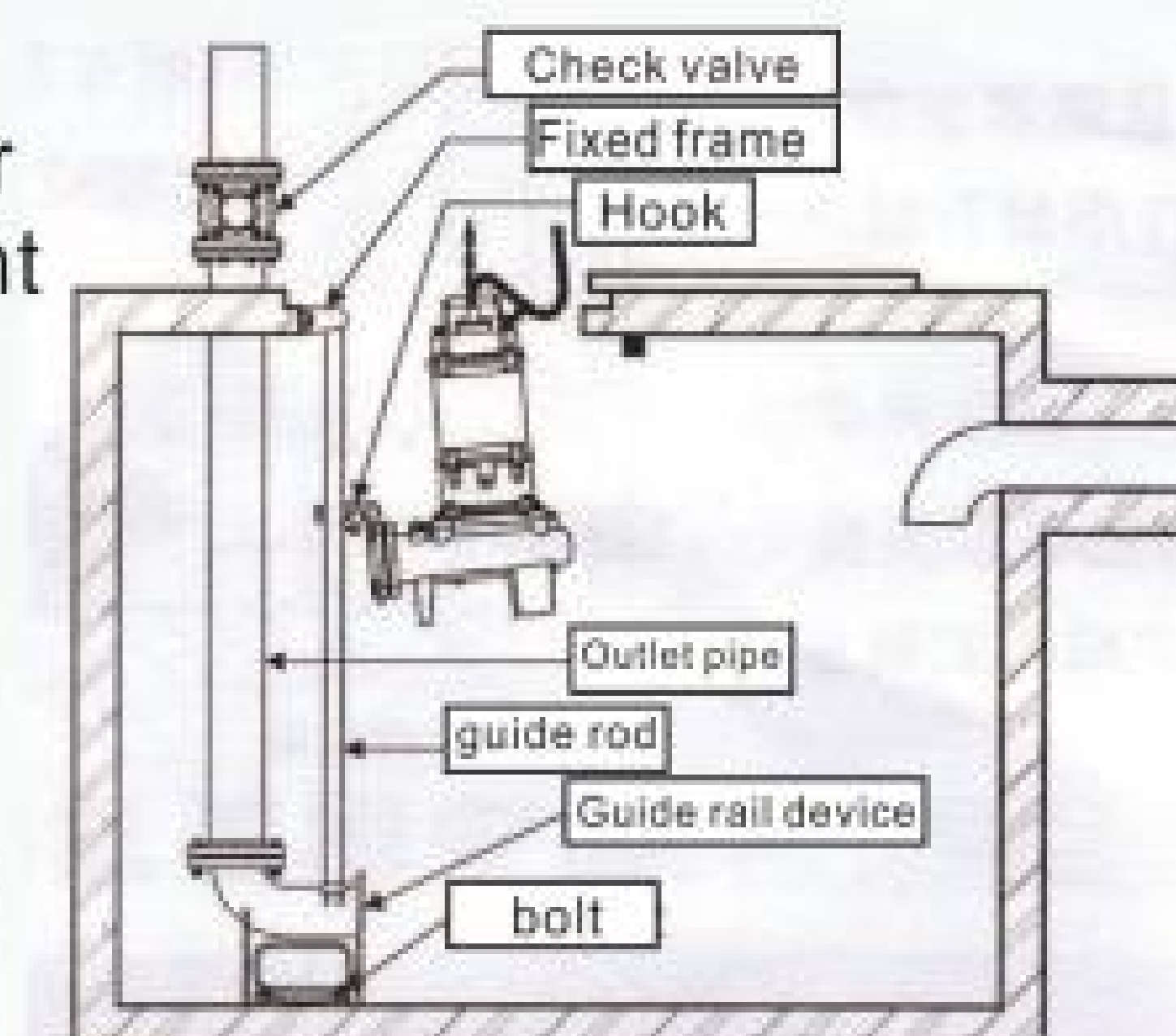
Product Usage



Optional

■ Guide rail system

Easier / safer installation or removal during replacement and maintenance.



■ Float switch

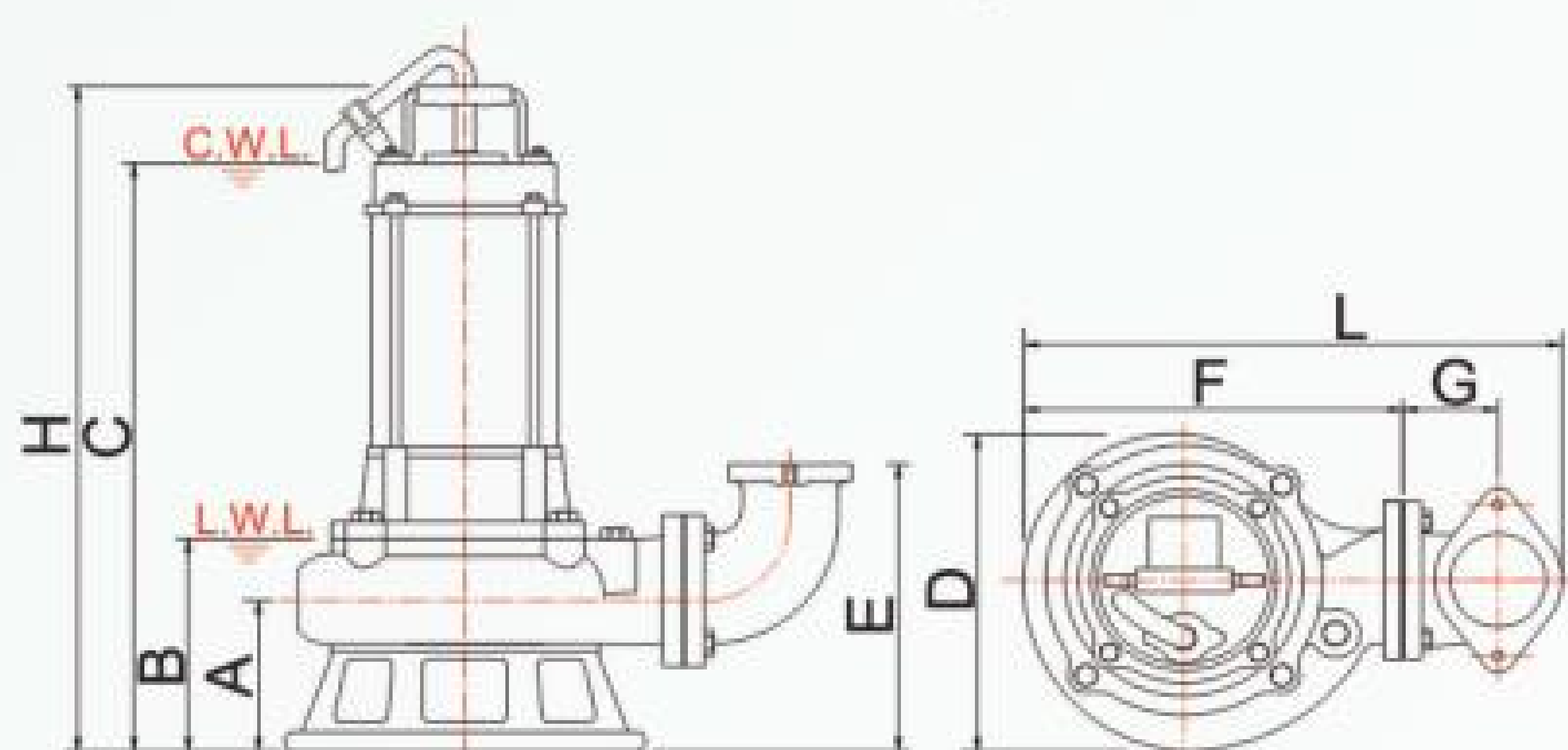


Automatic water level control, automatically operates and drains water through the floating ball up and down the water level.

Only applicable to models below 2HP (inclusive)

Characteristic

- The motor is specially impregnated and dried to ensure optimal motor insulation and pump waterproofing, etc. Grade complies with IP68.
- The pump is light in weight, small in size, and easy to install and move.
- The shaft seal adopts a double-pack SIC silicon carbon steel mechanical shaft seal design.
- The motor is equipped with a temperature controller or motor overload protector to effectively prevent motor abnormalities. Burnout during overload.



Unit:mm

TYPE	PHASE	A	B	C	D	E	F	G	H	L
HSF150-1.37 265	1	85	120	360	180	125	-	-	385	220
HSF250-1.75 26(O)5	1 / 3	90	115	380	210	110	-	-	435	255
HSF280-1.75 26(O)5	1 / 3	100	145	405	210	140	-	-	465	295
HSF280-11.5 265	1	130	165	545	240	215	80	245	610	380
HSF280-11.5 205	3	130	165	545	240	215	80	245	605	380
HSF280-12.2 265	1	130	170	560	255	220	80	260	620	400
HSF280-12.2 205	3	130	170	475	255	220	80	260	535	400
HSF2100-12.2 205	3	130	170	475	255	305	87	260	535	395
HSF280-13.7 205	3	135	175	495	260	215	80	270	550	405
HSF2100-13.7 205	3	135	175	495	260	300	87	270	550	405
HSF2100-15.5 205	3	125	180	545	210	300	87	275	620	405
HSF2100-17.5 205	3	125	180	565	260	300	87	305	635	440

Project		Description
Extract fluid	Temperature	0~40°C
	liquid	Domestic sewage-foreign matter sewage-industrial wastewater
Structure	Frequency	50Hz
	Electric motor	2-pole-dry submersible motor
	Insulation level	B level (1-3HP) F level (5-10HP)
	Waterproof level	IP68
	protective device	3Ø: Motor overload protector 1Ø: 1-2HP thermal protector
	Bearing	Deep groove ball bearings
	Shaft seal	Double set mechanical shaft seal
Material	Impeller	centrifugal semi-open
	Upper cover	FC200
	Motor body	SUS304
	Axis	SUS304
	Shaft seal	CE/Sic
	Pump body	FC200
	Impeller	FC200
	Cable	VCT



HSF150-1.37 265



HSF250-1.75 26(O)5



HSF280-11.5 26(O)5

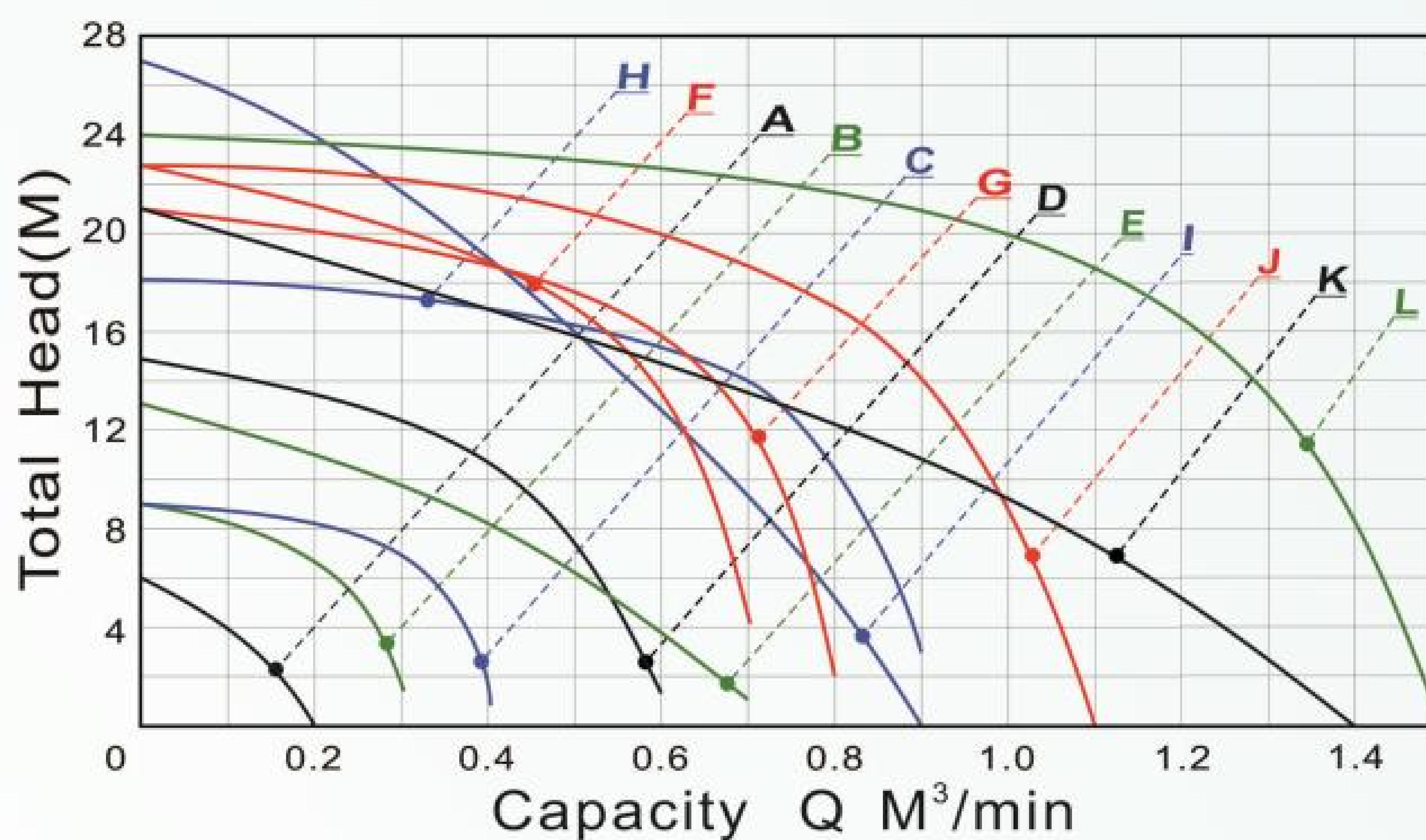


HSF280-13.7 2O5



HSF2100-17.5 2O5

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	PHASE	HEAD	CAPACITY	MAX HEAD	MAX CAPACITY	WEIGHT	CURVE CODES
	HP	Inch(mm)	V	Ø	M	M³/min	M	M³/min	KG	KG
HSF150-1.37 265	½	2"(50)	220	1	4	0.10	6	0.20	15	A
HSF250-1.75 26(O)5	1	2"(50)	220 & 380	1 & 3	7	0.20	9	0.30	23	B
HSF280-1.75 26(O)5	1	3"(80)			7	0.30	9	0.40	23	C
HSF250-11.5 26(O)5	2	2"(50)			11	0.40	15	0.60	31	D
HSF280-11.5 26(O)5	2	3"(80)			8.5	0.40	13	0.70	31	E
HSF250-12.2 26(O)5	3	2"(50)			17	0.50	23	0.70	52	F
HSF280-12.2 26(O)5	3	3"(80)			16	0.60	21	0.80	52	G
HSF2100-12.2 26(O)5	3	4"(100)			14	0.70	18	0.90	52	H
HSF280-13.7 2O5	5	3"(80)	380	3	16	0.50	27	0.90	70	I
HSF2100-13.7 2O5	5	4"(100)			17	0.80	23	1.10	70	J
HSF2100-15.5 2O5	7½	4"(100)			11	0.90	21	1.40	71	K
HSF2100-17.5 2O5	10	4"(100)			20	1.10	24	1.50	81	L



SSM

Stainless steel

Sewage type submersible pump



SSF

Stainless steel

Dirt type submersible pump



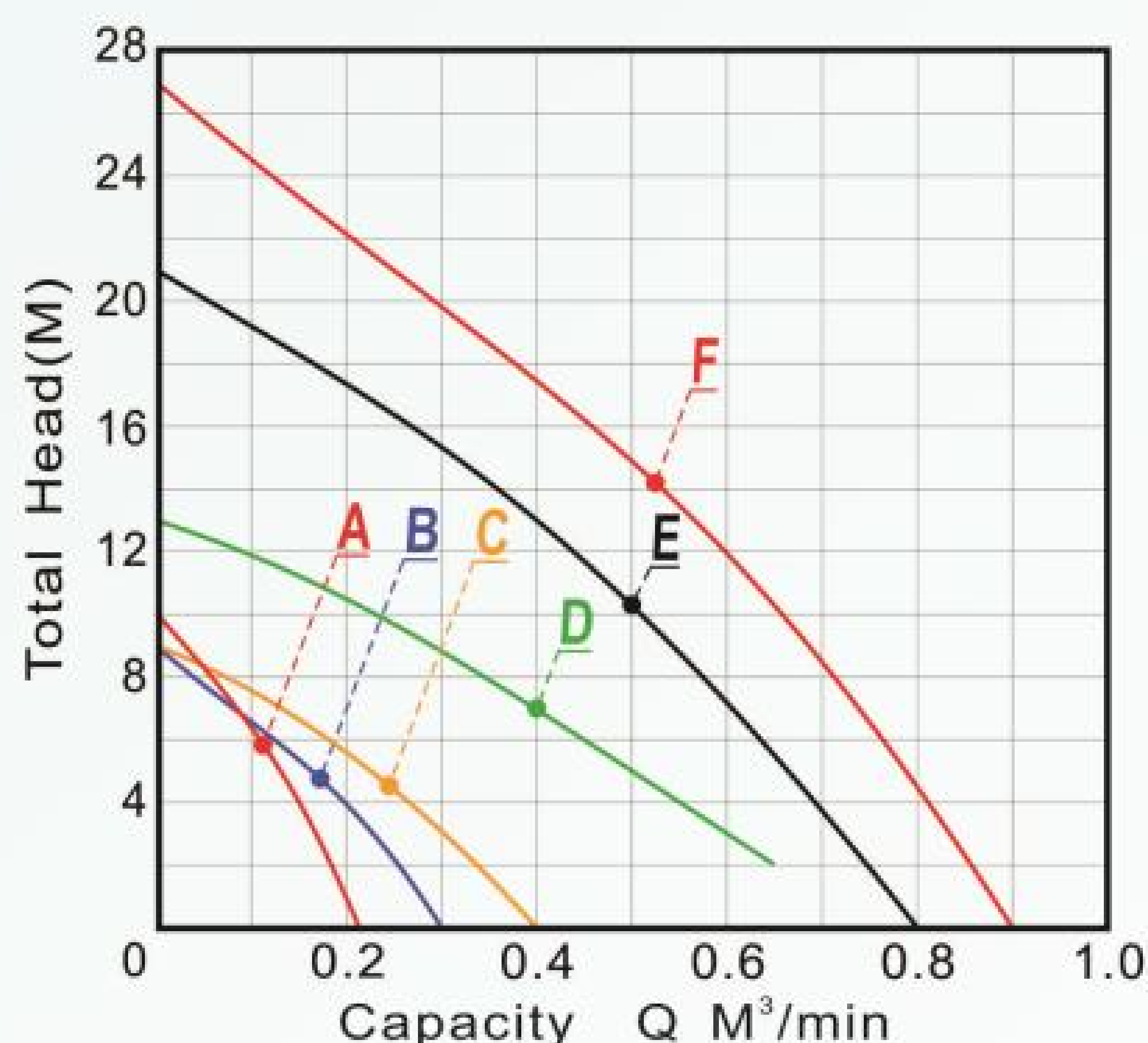
Product Usage



Characteristic

- Using the stainless steel lost-wax casting method, the mold has high precision, the product is not prone to sand holes, the surface is smooth, and the value is extremely high.
- This machine is suitable for waste liquids with weak acid and alkali pH 4-10.
- The O-ring is made of Viton material, which is water-resistant and resistant to acid and alkali corrosion.

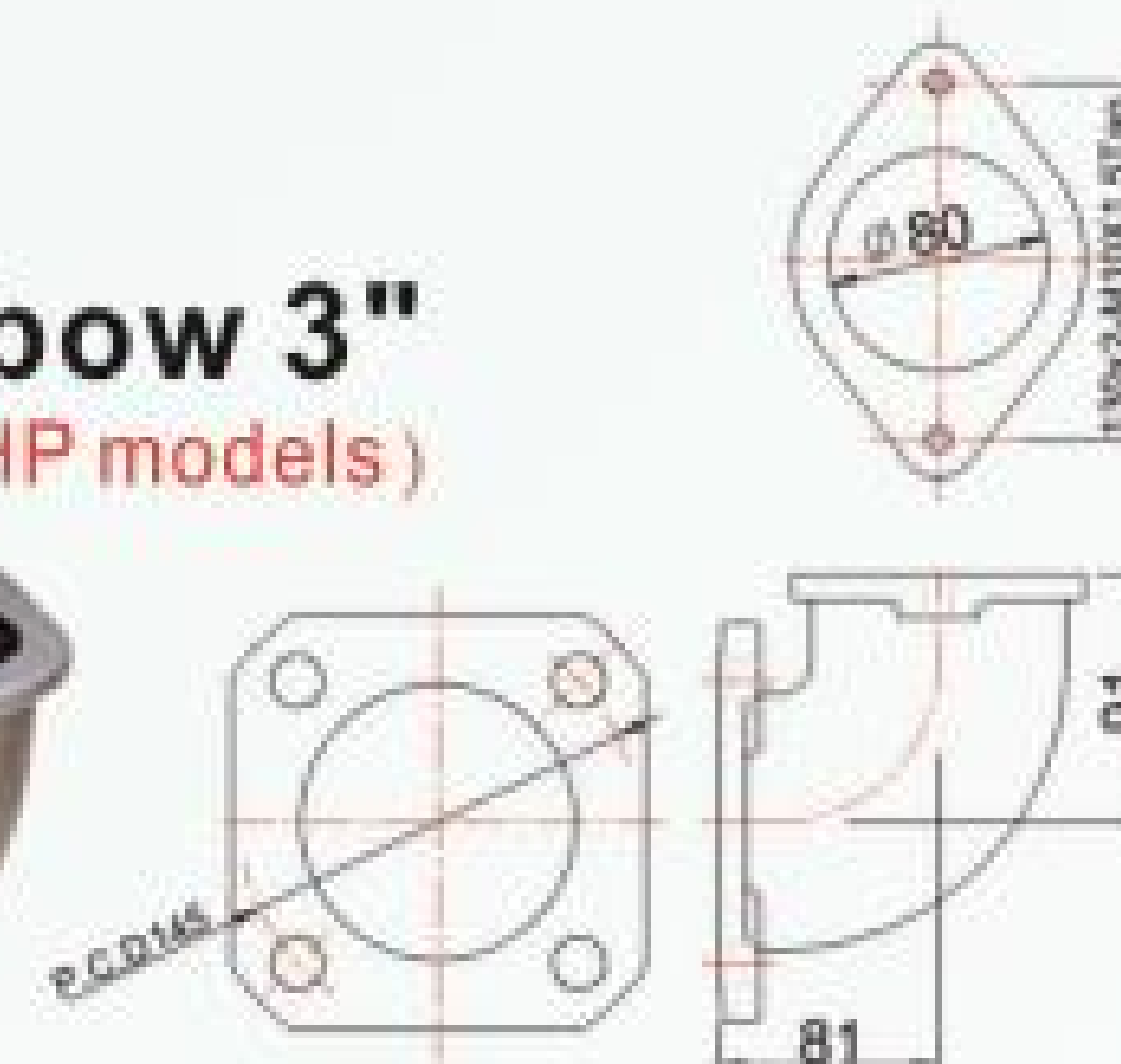
Characteristic curve



Optional

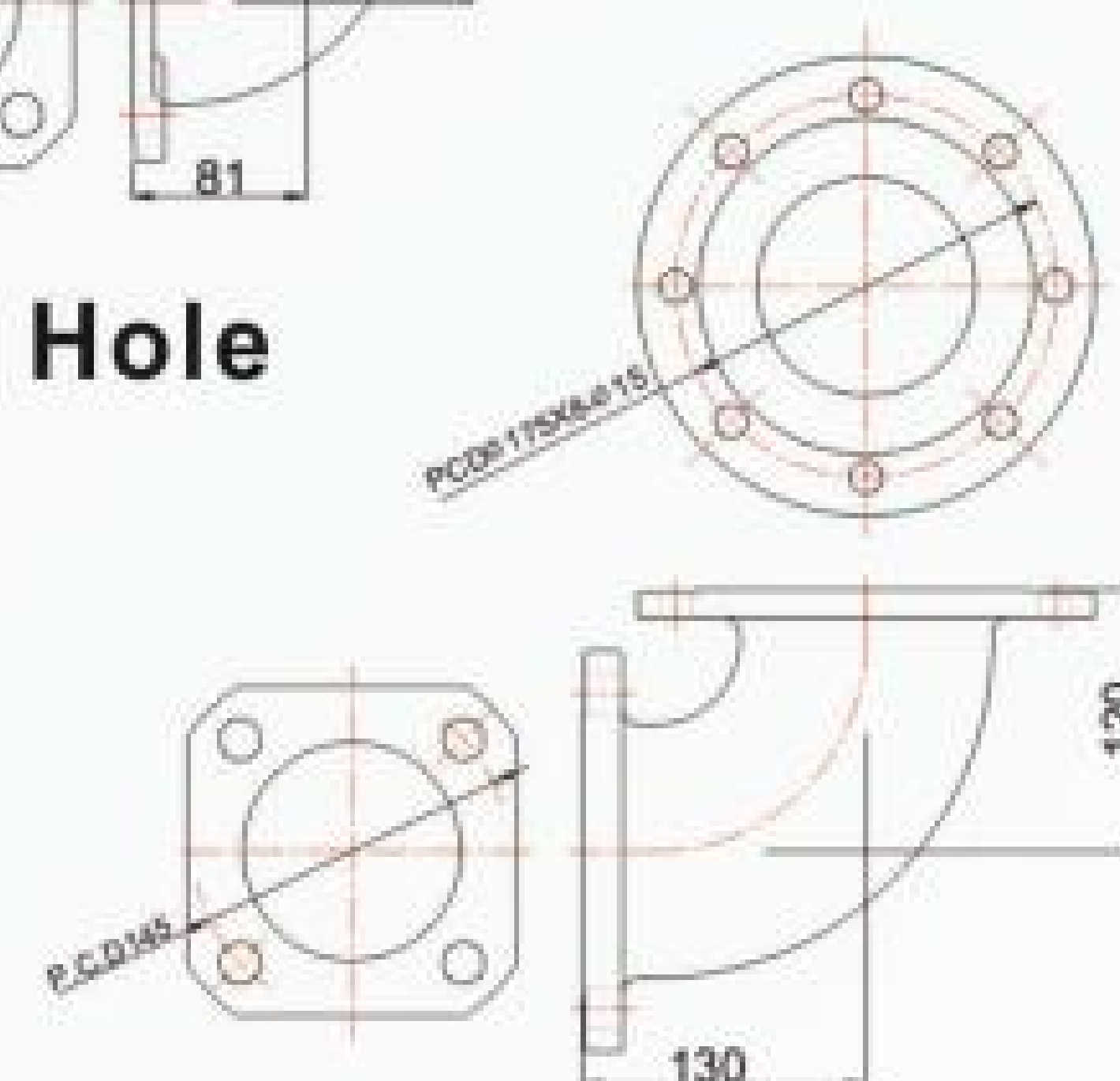
Flange Elbow 3"

(For use on 2~5HP models)



Flange Elbow 4" 8 Hole

(For use on 3~5HP models)



Project		Description
Extract fluid	Temperature	0~40°C
	liquid	Weak acid wastewater-miscellaneous drainage-foreign matter wastewater
Structure	Frequency	50Hz
	Electric motor	2-pole-dry submersible motor
	Insulation level	B level (0.5-3HP) F level (5-10HP)
	Waterproof level	IP68
	protective device	3Ø:Motor overload protector 1Ø:1-2HP thermal protector
	Bearing	Deep groove ball bearings
	Shaft seal	Double set mechanical shaft seal
	Impeller	centrifugal semi-open
Material	Upper cover	SUS316
	Motor body	SUS316
	Axis	SUS316
	Shaft seal	Sic/Sic
	Pump body	SUS316
	Impeller	SUS316
	Cable	VCT

Physical dimension

■ Please refer to Casting Submersible Pumps

TYPE	POWER	BORE	VOLTAGE	PHASE	HEAD	CAPACITY	MAX HEAD	MAX CAPACITY	WEIGHT	CURVE CODES
	HP	Inch(mm)	V	Ø	M	M³/min	M	M³/min	KG	KG
SSM(F)250-1.37 265	½	2"(50)	220	1	8	0.14	10	0.21	12	A
SSM(F)250-1.75 265	1	2"(50)			7	0.20	9	0.30	18	B
SSM(F)280-1.75 265	1	3"(80)			7	0.30	9	0.40	18	C
SSM(F)280-11.5 265	2	3"(80)			10	0.50	13	0.70	36	D
SSM(F)280-12.2 265	3	3"(80)			16	0.60	21	0.80	42	E
SSM(F)250-1.75 205	1	2"(50)	380	3	7	0.20	9	0.30	18	B
SSM(F)280-1.75 205	1	3"(80)			7	0.30	9	0.40	18	C
SSM(F)280-11.5 205	2	3"(80)			10	0.50	13	0.70	35	D
SSM(F)280-12.2 205	3	3"(80)			16	0.60	21	0.80	42	E
SSM(F)280-13.7 205	5	3"(80)			20	0.70	27	0.90	45	F

FSM



FSF



12

cast iron

Sewage type submersible pump

Cast iron

Dirt type submersible pump

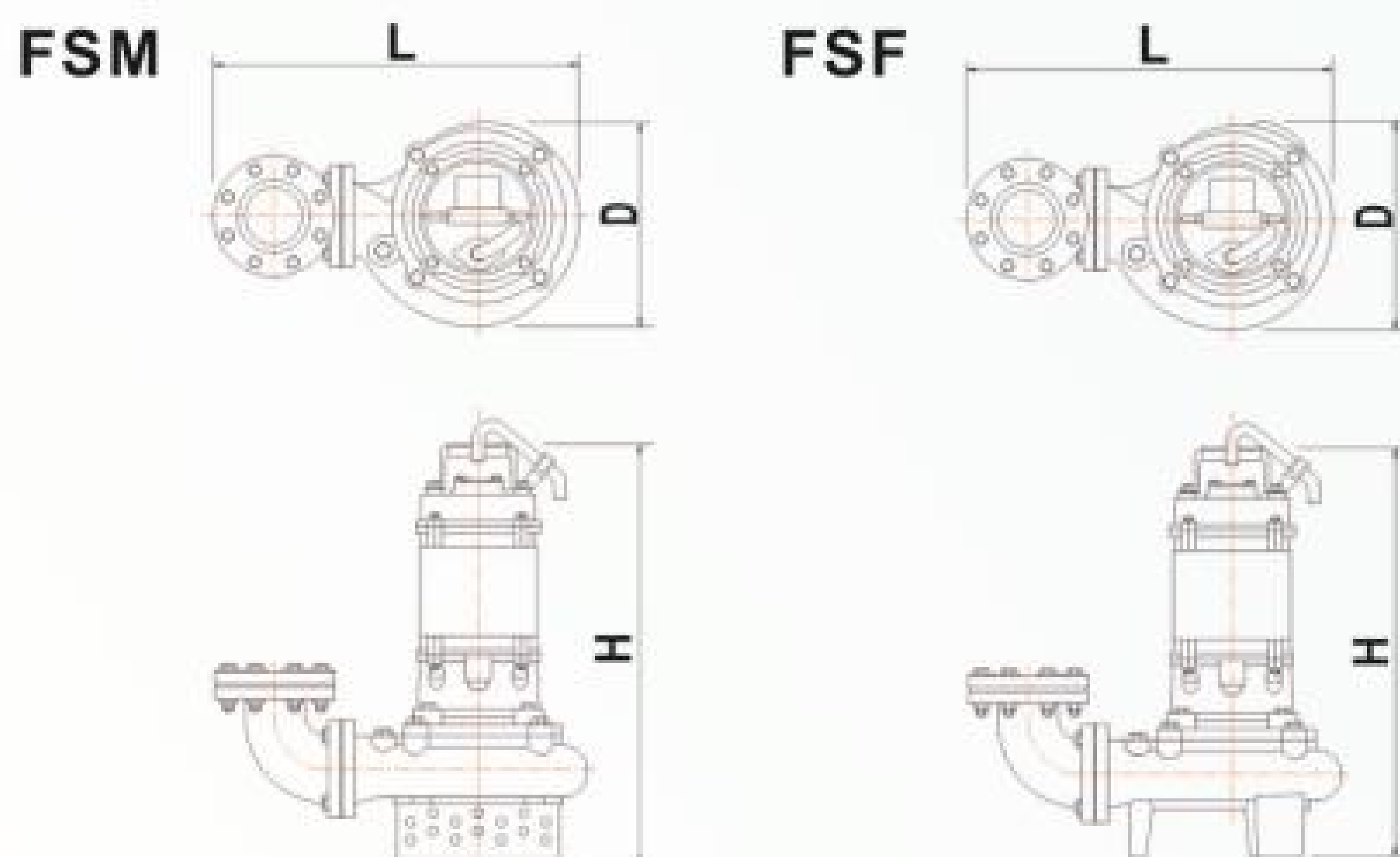
Product Usage



Characteristic

- The entire shell is made of cast iron, with a sturdy and durable structure and excellent quality and performance.
- The handles of 7½HP and above are designed in a triangular shape to facilitate take-off and hanging operations.

Physical dimension

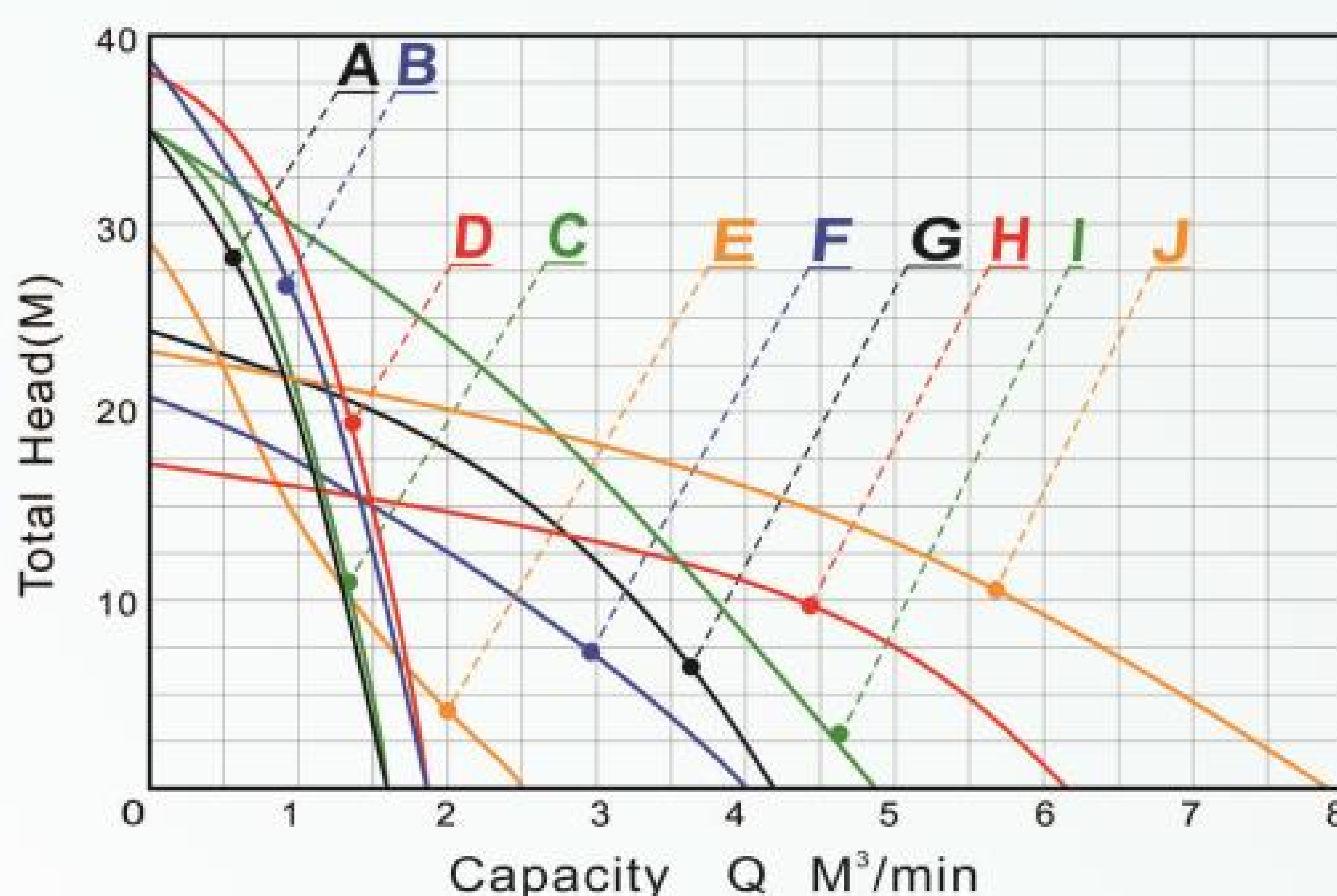


TYPE	L	D	H
FSM7100-15.5 2O5	565	290	689
FSM7100-17.5 2O5	565	290	689
FSF2100-17.5 4O5	550	265	625
FSF2150-17.5 4O5	550	265	625
FSF2150-111 4O5	565	290	689
FSF2200-111 4O5	565	290	689
FSF2150-115 4O5	565	290	689
FSF2200-115 4O5	565	290	689

TYPE	POWER HP	BORE Inch(mm)	VOLTAGE V	PHASE	HEAD M	CAPACITY M³/min	MAX HEAD M	MAX CAPACITY M³/min	WEIGHT KG	CURVE CODES
FSM7100-15.5 2O5	7½	4"(100)	380-480	3	23	0.8	35	1.6	95	A
FSM7100-17.5 2O5	10	4"(100)			26	1.0	38	1.8	102	B
FSF7100-15.5 2O5	7½	4"(100)	380-480	3	21.5	1.0	35	1.6	95	C
FSF7100-17.5 2O5	10	4"(100)			28	1.0	38	1.8	102	D
FSF2100-17.5 4O5	10	4"(100)			13.5	1.0	28	2.5	163	E
FSF2150-17.5 4O5	10	6"(150)			15	1.5	21	4.0	230	F
FSF2150-111 4O5	15	6"(150)			15.5	2.5	24	4.2	263	G
FSF2200-111 4O5	15	8"(200)			9.5	4.5	17	6.2	277	H
FSF2150-115 4O5	20	6"(150)			21	2.5	35	4.8	190	I
FSF2200-115 4O5	20	8"(200)			14	4.5	23	7.8	285	J

Project		Description
Extract fluid	Temperature	0~40°C
	liquid	Sewage-miscellaneous drainage-foreign matter sewage-industrial wastewater
Structure	Frequency	50Hz
	Electric motor	2-pole/4-pole-dry underwater motor
	Insulation level	B level (1-3HP) F level (5-10HP)
	Waterproof level	IP68
	protective device	3Ø:Motor overload protector MS water inlet detector (15HP)
	Bearing	Deep groove ball bearings
	Shaft seal	Double set mechanical shaft seal
Material	Impeller	centrifugal semi-open
	Upper cover	FC200
	Motor body	FC200
	Axis	SUS304
	Shaft seal	Sic/Sic
	Pump body	FC200
	Impeller	FC200
	Cable	VCT

Characteristic curve





Product Usage



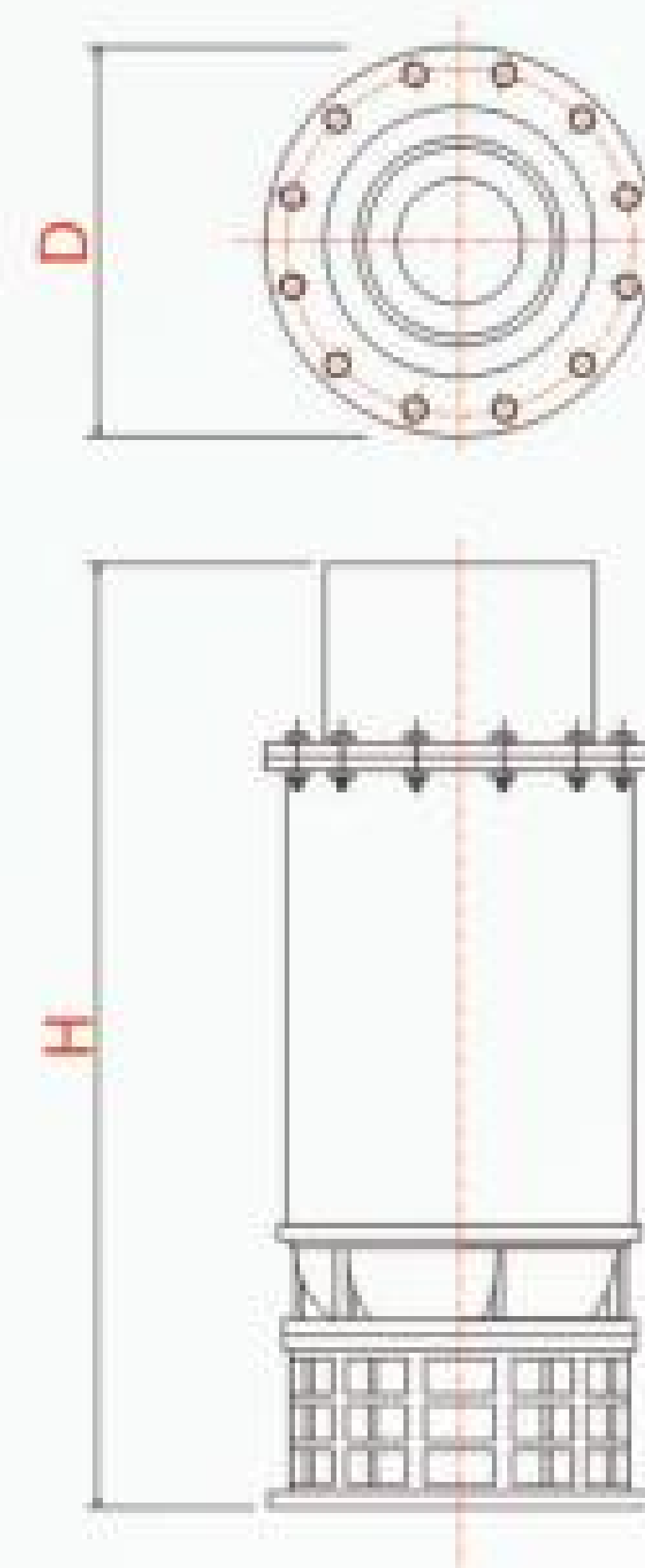
Characteristic

- Axial flow and oblique flow impeller designs, low lift and large water volume, energy saving, and economic benefits.
- The cast iron parts of the pump are all treated with high-solid spray paint to extend the service life of the product.

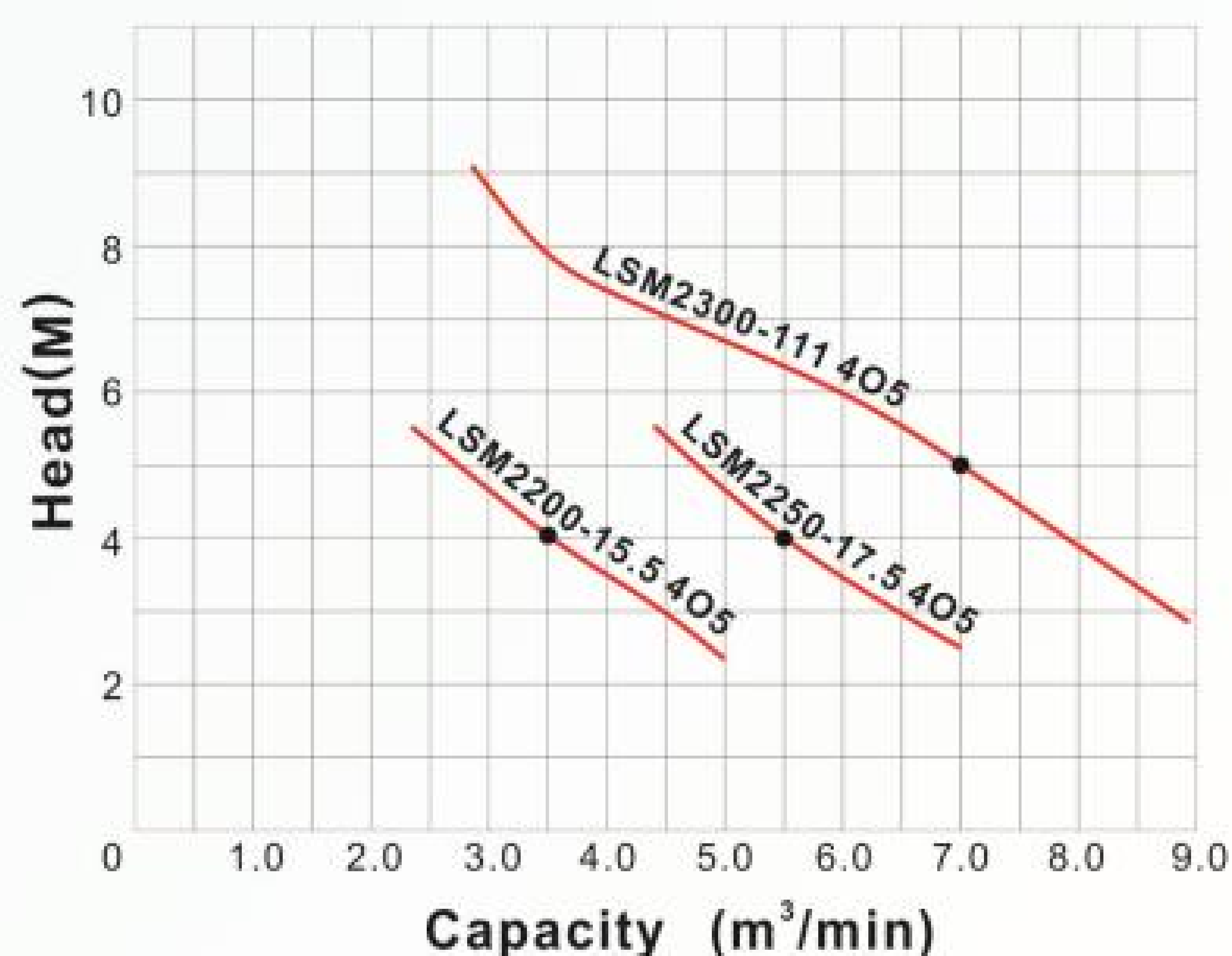
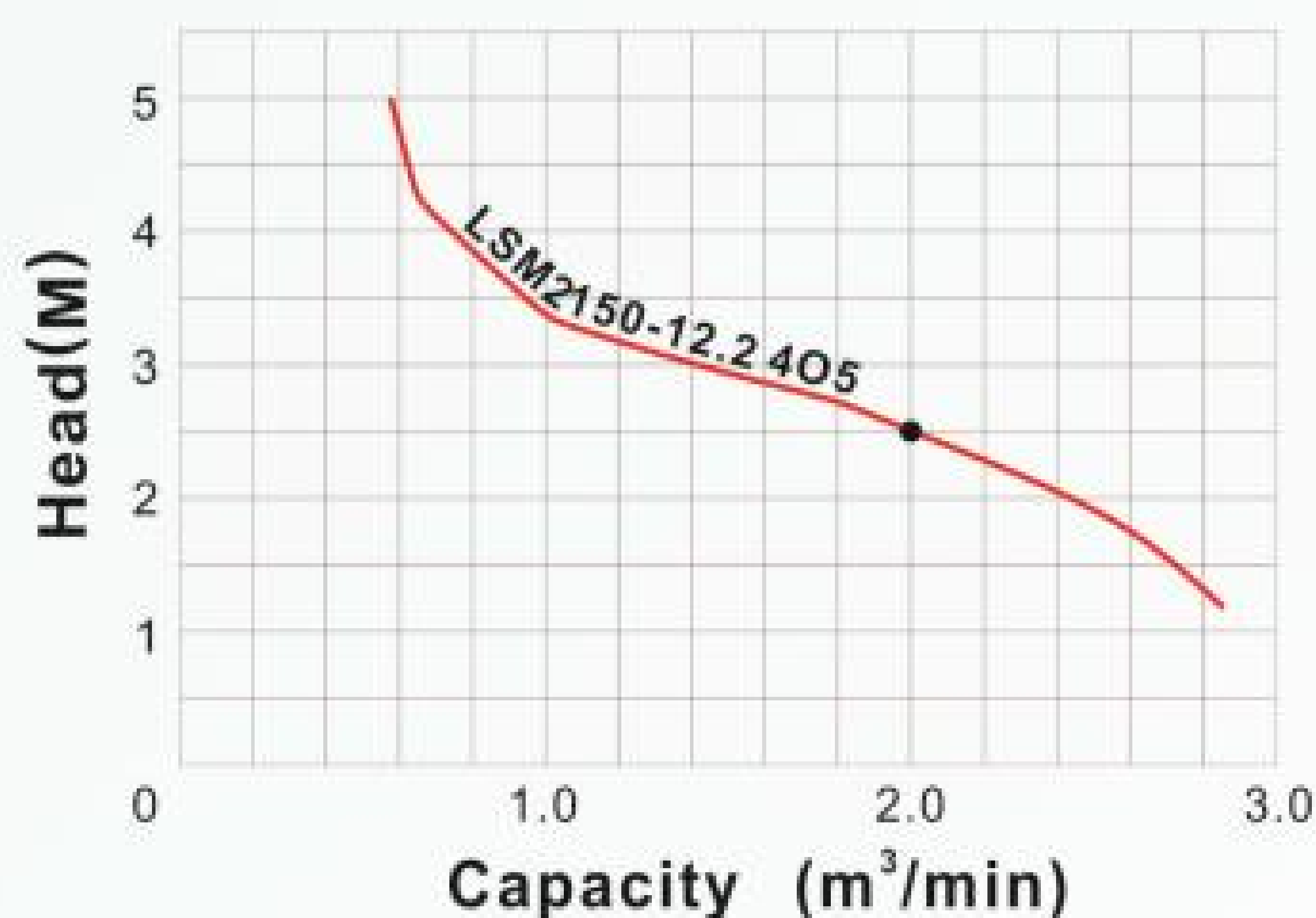
Physical dimension

Unit:mm

TYPE	D	H
LSM2150-12.2 4O5	285	597
LSM2200-15.5 4O5	340	923
LSM2250-17.5 4O5	380	1015
LSM2300-111 4O5	430	1077



Characteristic curve



4P 50HZ

TYPE	POWER	BORE	VOLTAGE	PHASE	HEAD	CAPACITY	MAX HEAD	MAX CAPACITY	WEIGHT
	HP	INCH(mm)	V	∅	M	m³/min	M	m³/min	KG
LSM2150-12.2 4O5	3	6" (150)	380	3	2.5	2	5	3	52
LSM2200-15.5 4O5	7½	8" (200)			4	3.5	6	4.2	116
LSM2250-17.5 4O5	10	10" (250)			4	5.5	6	7	157
LSM2300-111 4O5	15	12" (300)			4.5	7	7	8	201

UMV Idle-resistant vertical acid and alkali resistant pump



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Product Usage



Characteristic

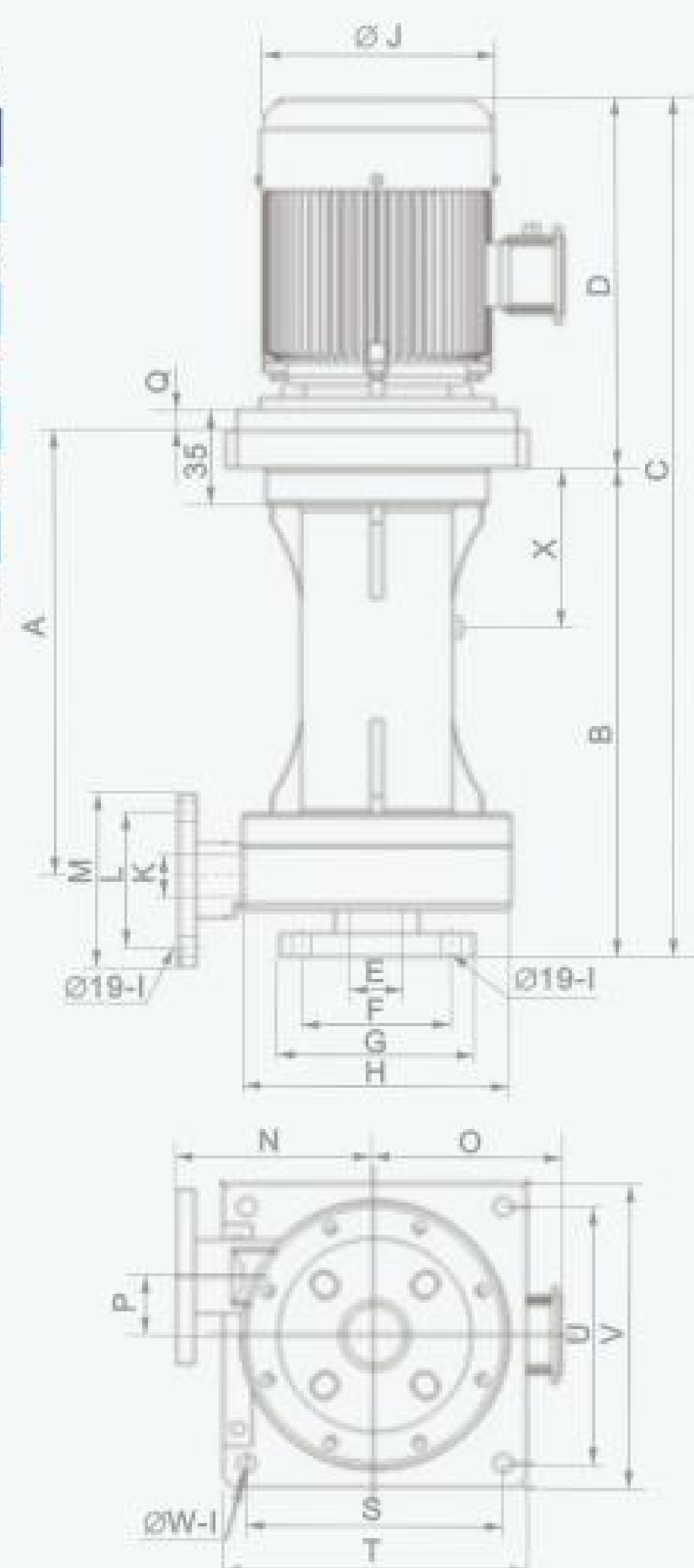
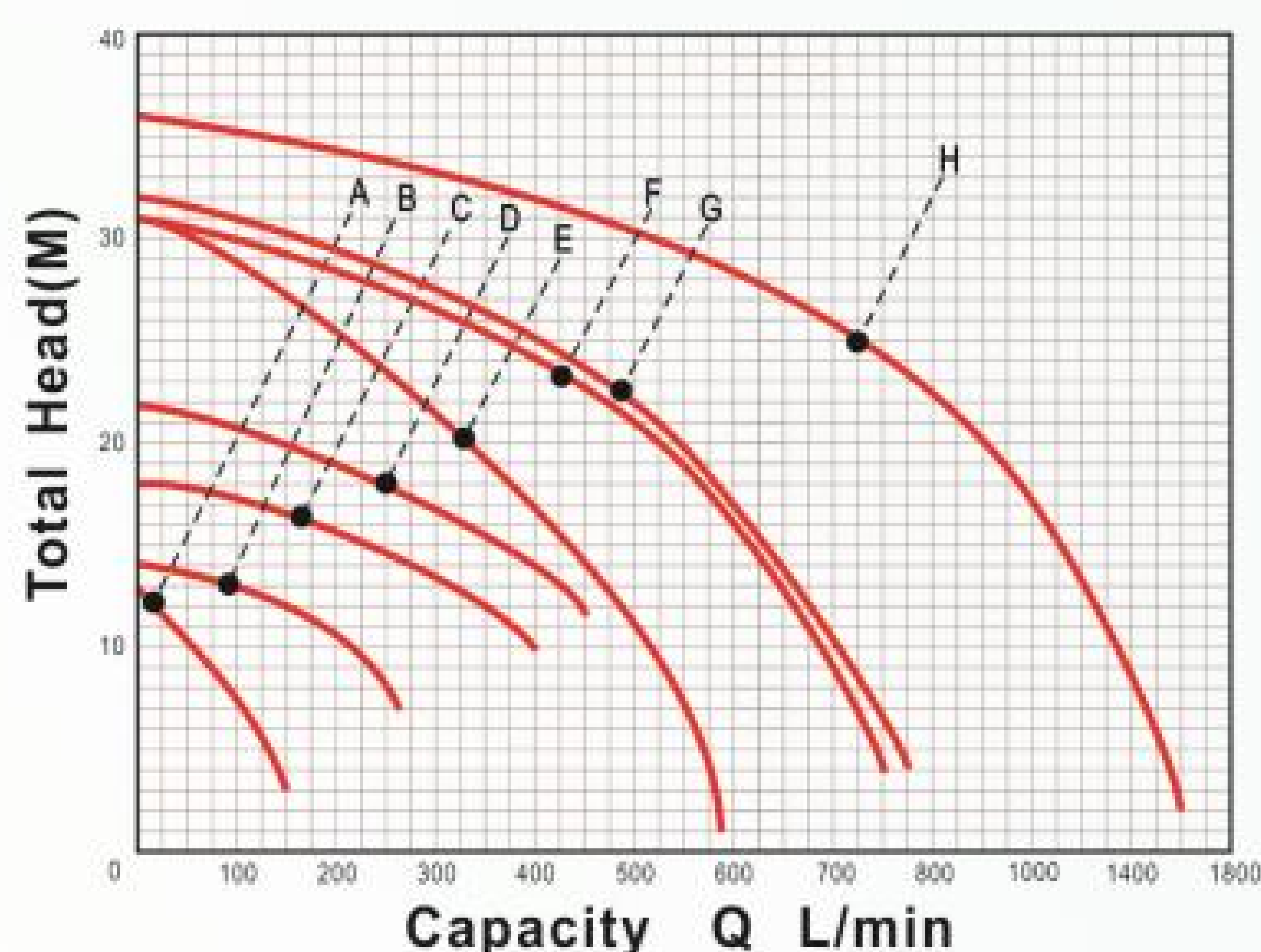
- Choose FRPP, PVDF molding of all kinds of plastic steel can resist most chemical, acid and alkali resistance.
- It can be airlifted without water and will not be damaged by air transportation.
- A dry shaft seal is designed to protect motors from acid gas entering damaged bearings.
- Suitable for cyclic transportation of chemical nickel, chemical copper and various special plating solutions.

Physical dimension

Unit:mm

TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	S	T	U	V	W	X
UMV225-1.37 205	234	293	528	235	—	—	70	144	—	177	—	—	49	115	153	41	30	180	230	150	198	15	30.5
UMV250-1.75 205	350	425	710	285	50	120	155	230	4	177	40	105	145	170	155	65	16	222	260	222	260	15	141.5
UMV250-11.5 205	350	425	755	330	50	120	155	230	4	200	40	105	145	170	165	65	16	222	260	222	260	15	141.5
UMV250-12.2 205	350	425	755	330	50	120	155	230	4	200	40	105	145	170	165	65	16	222	260	222	260	15	141.5
UMV265-13.7 205	350	425	795	370	65	140	177	260	4	238	50	140	155	200	180	65	16	222	260	222	260	15	141.5
UMV265-15.5 205	350	425	865	440	78	150	190	260	8	273	65	140	177	200	240	65	20	300	350	300	350	18	141.5
UMV280-17.5 205	350	425	865	440	78	150	190	260	8	273	65	140	177	200	240	65	20	300	350	300	350	18	141.5
UMV2100-111 205	357	436	976	540	100	175	205	290	8	323	100	175	205	217	240	88	20	300	350	300	350	18	141.5

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	MAX	MAX	WEIGHT	Curve
	HP(kW)	INCH(mm)		CAPACITY	HEAD		
			V	L/min	M	KG	codes
UMV225-1.37 205	1/2 (0.37)	1" (25)	380-480	160	13	18	A
UMV250-1.75 205	1 (0.75)	2" (50)		280	14	29	B
UMV250-11.5 205	2 (1.5)	2" (50)		400	18	38	C
UMV250-12.2 205	3 (2.2)	2" (50)		450	22	41	D
UMV265-13.7 205	5 (3.7)	2 1/2" (65)		580	31	55	E
UMV265-15.5 205	7 1/2 (5.5)	2 1/2" (65)		750	31	55	F
UMV280-17.5 205	10 (7.5)	3" (80)		780	32	106	G
UMV2100-111 205	15 (11)	4" (100)		1660	36	123	H



USP Coaxial self-priming pump



Product Usage



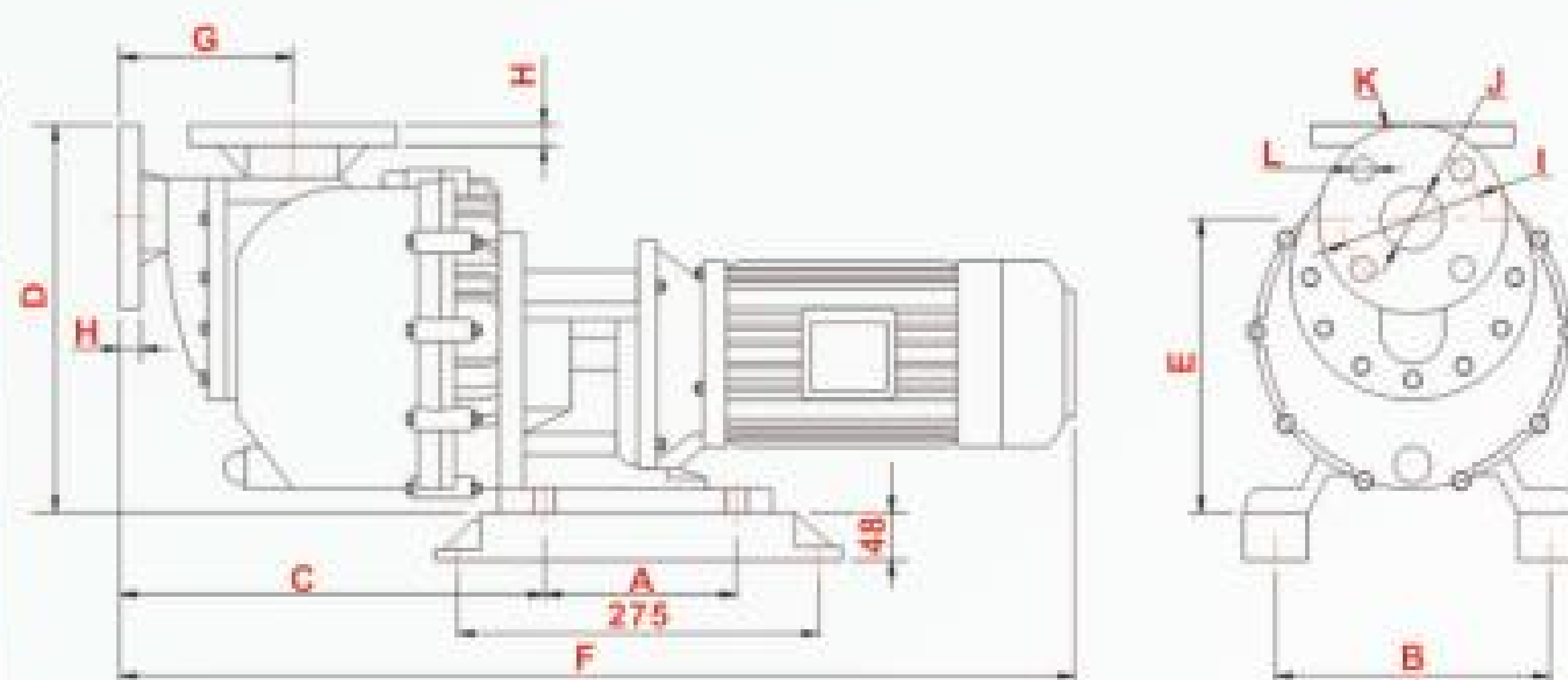
Characteristic

- The unique seal design:**
Built-in self-cooled adopt Teflon bellow seal design.
Without cooling circulation pipe loop.
- Self-priming design:**
Since suction particularly strong, up to 20 ft, and have check valve design, prevent fluid return pump. strong corrosion resistance, material GFRPP、FRPP; resistant to acid, alkali resistant; Suitable temperature below 80 degrees.

Physical dimension

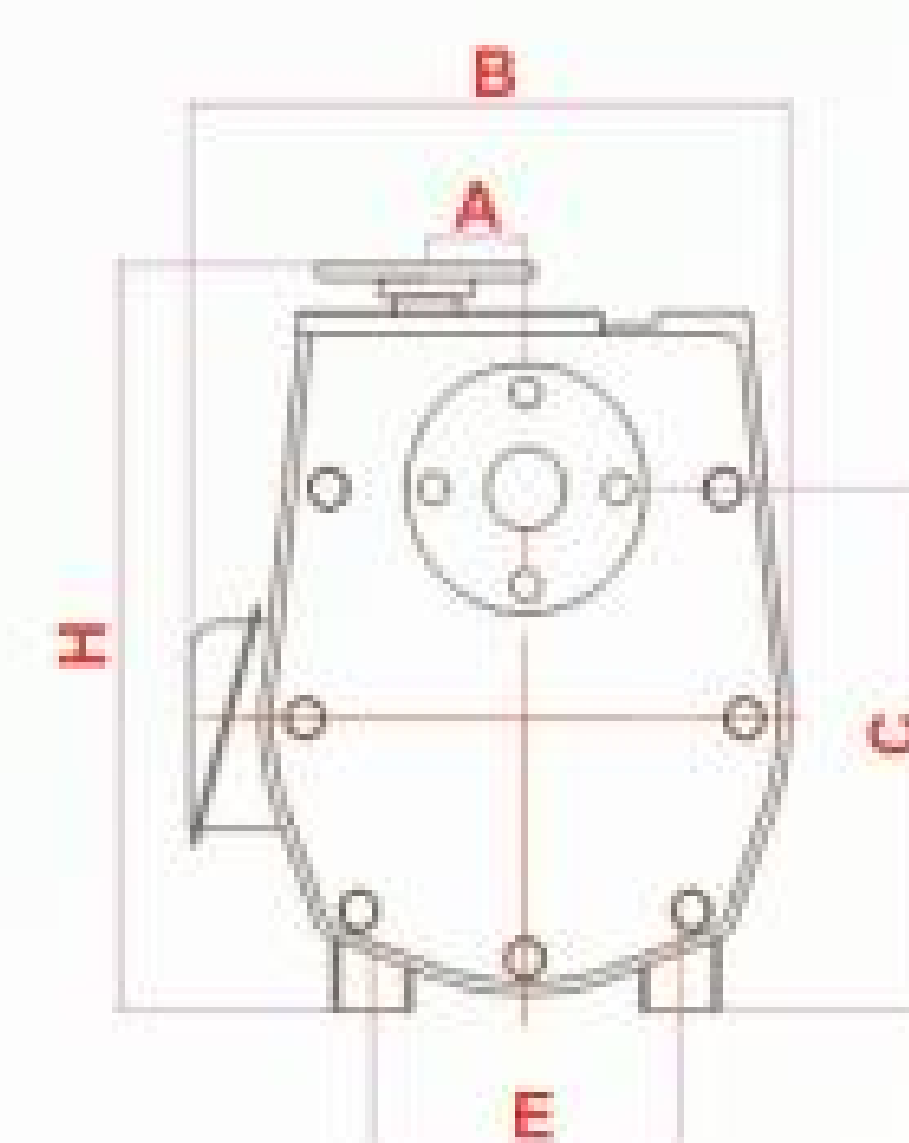
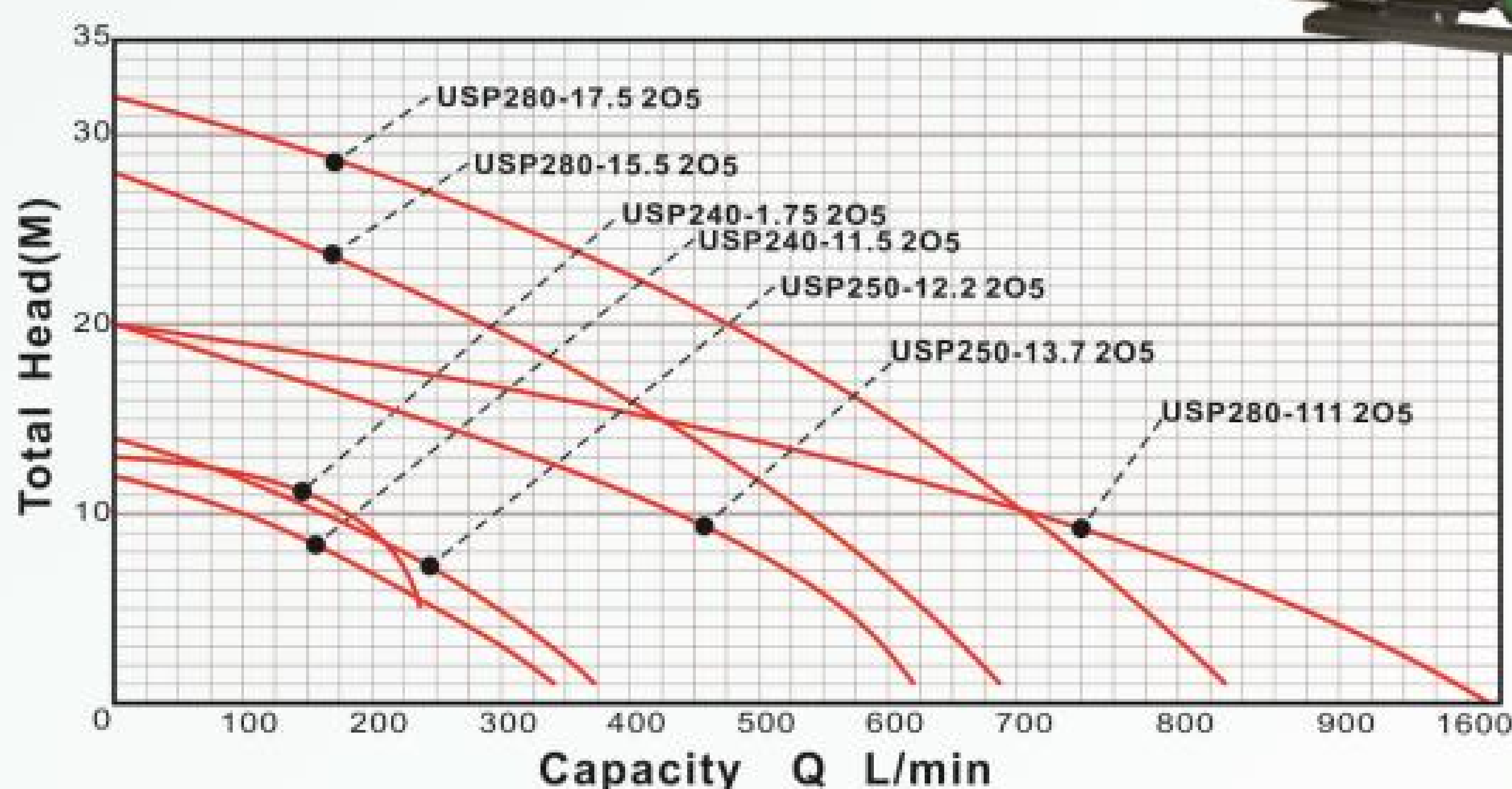
TYPE	A	B	C	D	E	F	G	H	I	J	K	L
USP240-1.75 205	142	216	320	322	250	663	130	16	103	40	138	20
USP240-11.5 205	142	216	320	322	250	705	130	16	103	40	138	20
USP250-12.2 205	142	216	320	322	250	705	130	18	118	50	154	20
USP250-13.7 205	168	213	272	370	290	783	130	18	118	50	154	20

Unit:mm



Characteristic curve

USP280-111 205



Unit:mm

TYPE	A	B	C	D	E	F
USP280-15.5 205	95	340	235	245	355	170
USP280-17.5 205	95	340	235	245	355	170
USP280-111 205	120	340	235	245	355	170

TYPE	POWER	BORE	VOLTAGE	MAX	MAX	WEIGHT	REMARK
	HP (kw)	INCH(mm)		CAPACITY	HEAD		
			V	L/min	M	KG	
USP240-1.75 205	1 (0.75)	1½" (40)	380-480	240	13	26	
USP240-11.5 205	2 (1.5)	1½" (40)		342	12	30	
USP250-12.2 205	3 (2.2)	2" (50)		373	14	38	
USP250-13.7 205	5 (3.7)	2" (50)		619	20	54	
USP280-15.5 205	7½ (5.5)	3" (80)		666	28	85	
USP280-17.5 205	10 (7.5)	3" (80)		833	32	90	
USP280-111 205	15 (11)	3" (80)		1666	20	192	

UVP Cooling type plastic pump



Product Usage



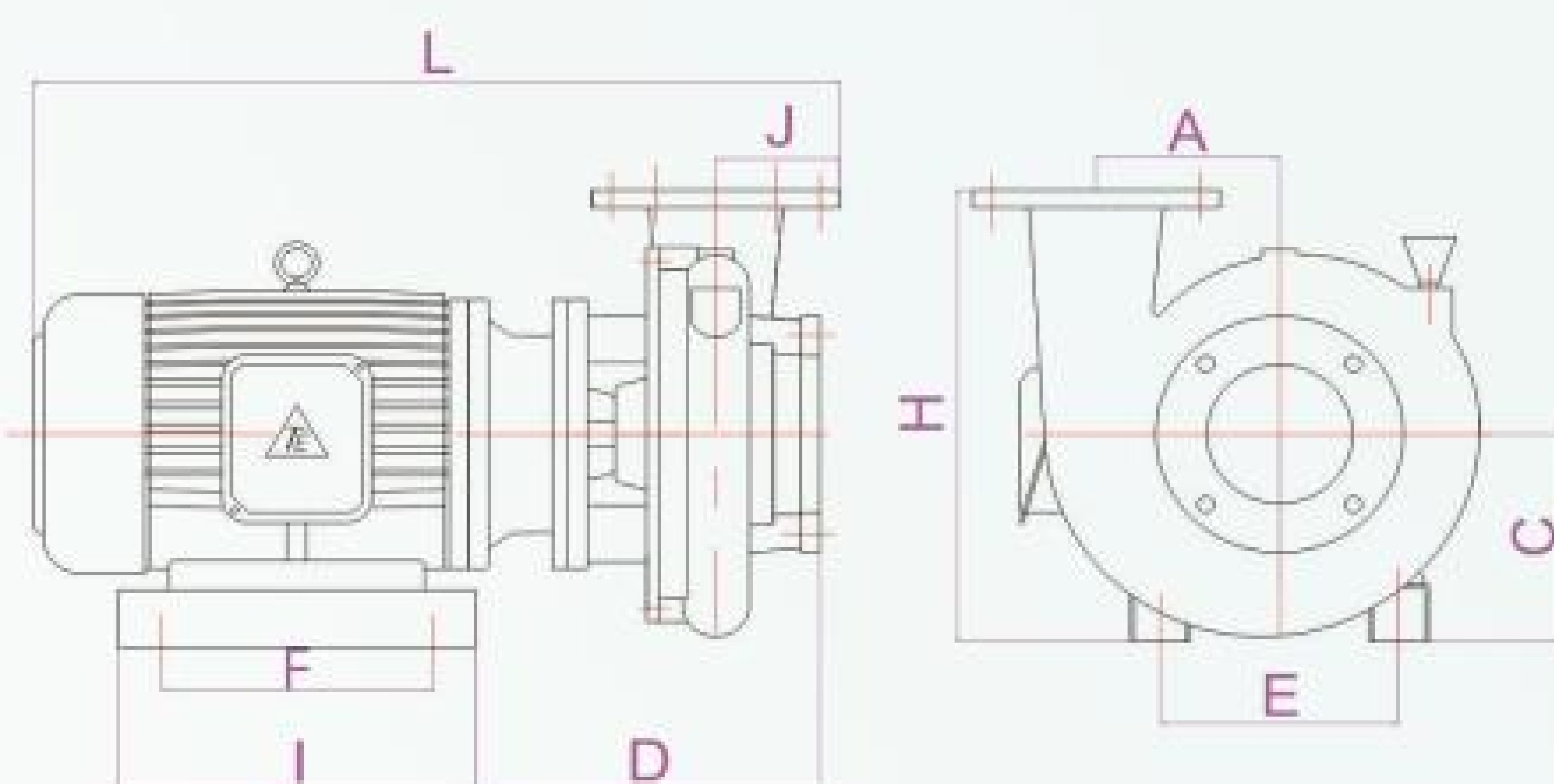
Characteristic

- High performance reinforced polypropylene raw material
- Unlike the cast iron part, it is light weight and has excellent mechanical strength, good weather resistance, long life, anti-oxidation, and no rust, ensuring pure water quality.

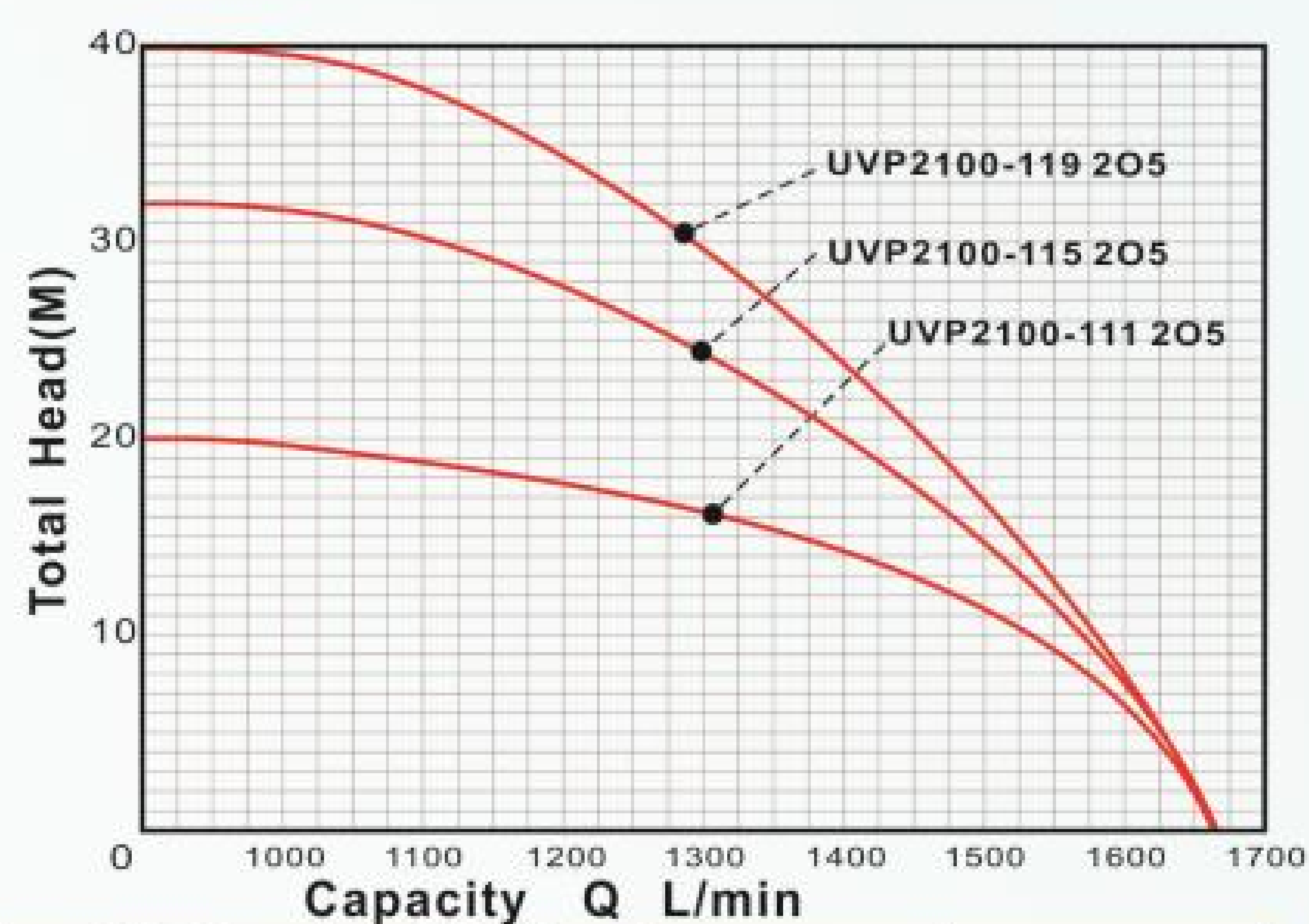
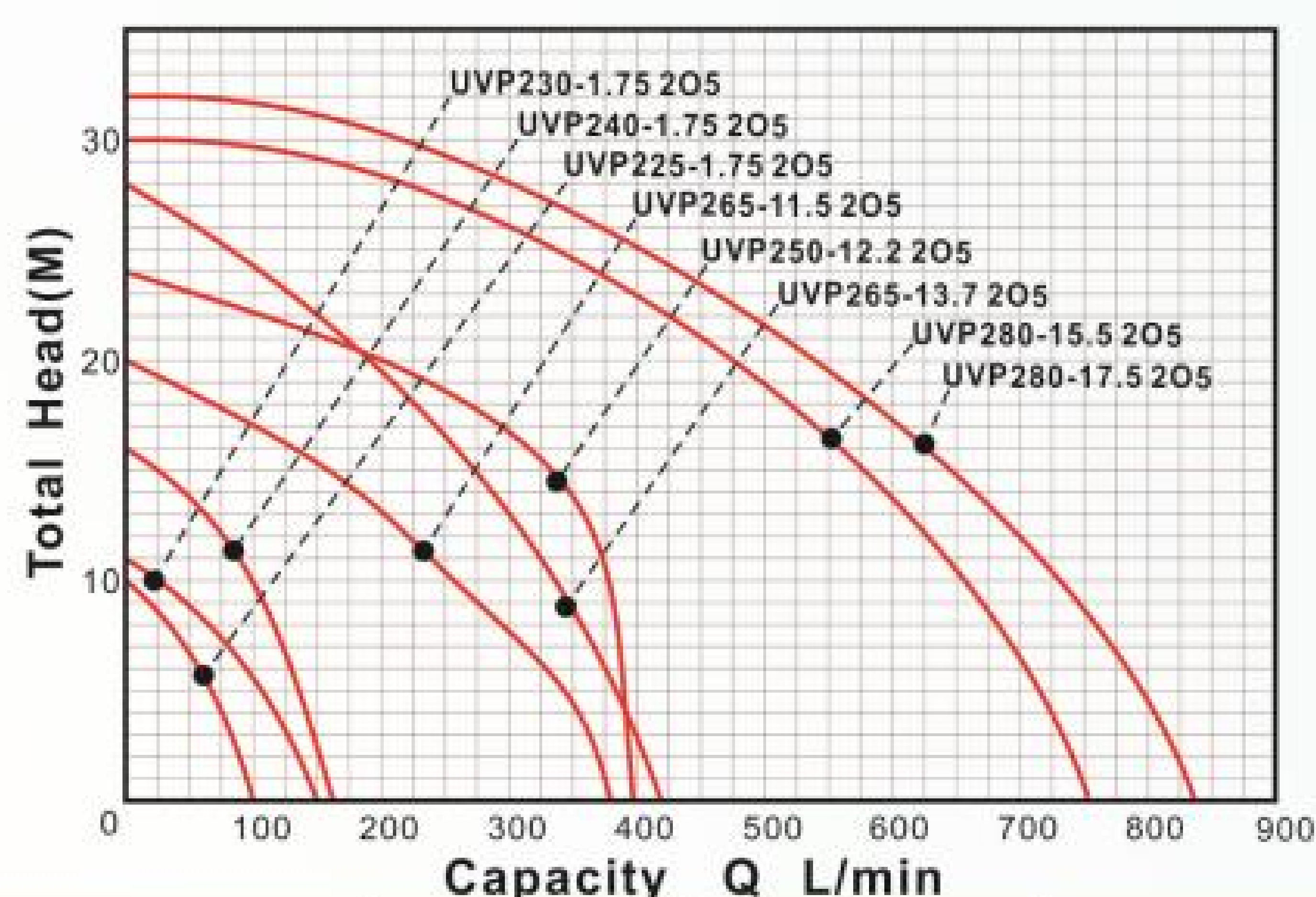
Physical dimension

Unit:mm

TYPE	A	C	D	E	F	H	I	J	L
UVP225-1.75 2O5	56	95	250	110	204	235	145	120	455
UVP230-1.75 2O5	56	110	145	110	204	250	265	120	455
UVP240-1.75 2O5	56	110	145	110	204	250	265	120	455
UVP265-11.5 2O5	73	130	155	140	237	280	265	66	480
UVP250-12.2 2O5	73	120	325	160	237	260	140	66	580
UVP265-13.7 2O5	89	120	330	200	264	270	140	70	600
UVP280-15.5 2O5	105	158	415	220	264	316	310	79	725
UVP280-17.5 2O5	105	158	415	216	264	366	300	78	725
UVP2100-111 2O5	120	230	460	270	348	401	400	77	860
UVP2100-115 2O5	365	230	460	270	348	401	400	77	860
UVP2100-119 2O5	365	230	460	230	460	430	500	98	860



Characteristic curve



TYPE	POWER	BORE	VOLTAGE	MAX CAPACITY	MAX HEAD	WEIGHT	REMARK
	HP (kw)	INCH(mm)		L/min	M	KG	
UVP225-1.75 2O5	1 (0.75)	1" (25)	380 - 480	100	10	15	
UVP230-1.75 2O5	1 (0.75)	1¼" (30)		150	11	15	
UVP240-1.75 2O5	1 (0.75)	1½" (40)		166	16	15	
UVP265-11.5 2O5	2 (1.5)	2½" (65)		381	20	30	
UVP250-12.2 2O5	3 (2.2)	2" (50)		398	24	37	
UVP265-13.7 2O5	5 (3.7)	2½" (65)		416	28	56	
UVP280-15.5 2O5	7½ (5.5)	3" (80)		750	30	100	
UVP280-17.5 2O5	10 (7.5)	3" (80)		833	32	110	
UVP2100-111 2O5	15 (11)	4" (100)		1666	20	192	
UVP2100-115 2O5	20 (15)	4" (100)		1666	32	200	
UVP2100-119 2O5	25 (19)	4" (100)		1666	40	230	



Product Usage



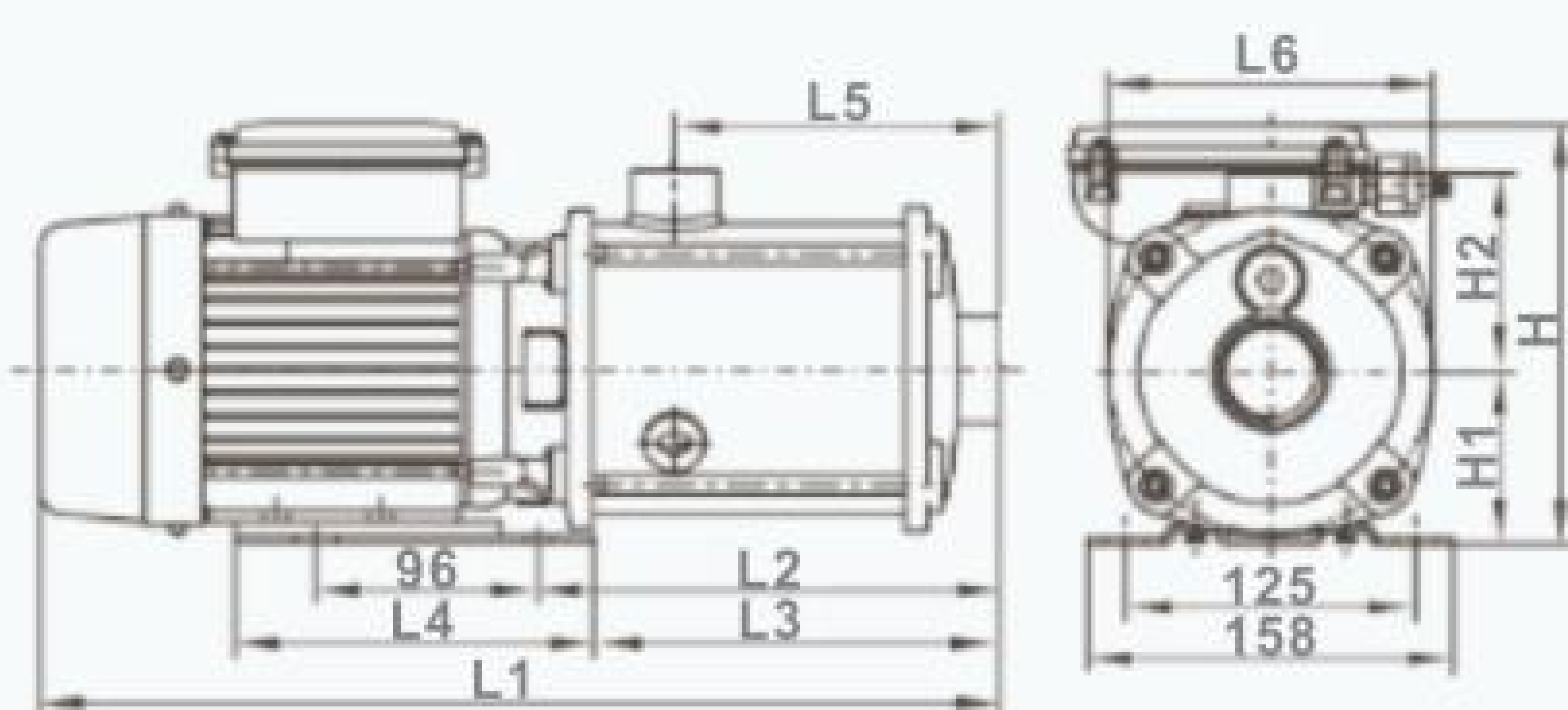
Characteristic

- Equipped with extended shaft motor; compact structure design.
- Aluminum alloy motor casing, excellent heat dissipation.
- Stainless steel multi-section pump blades and guide vanes are designed to be wear-resistant. (The greater the number of pump blade segments, the greater the outlet pressure)
- The main liquid contact surface is made of stainless steel to ensure clean (rust-free) water and peace of mind.

Conditions of use

- Ambient temperature : MAX.+50°C
- Liquid temperature : (Standard shaft seal)-20°C~+70°C
(Heat-resistant shaft seal)-20°C~+104°C
- Intake water under positive pressure (water source is higher than the pump). If the water tank (water source) is lower than the pump, the suction height should not exceed 3M, and a check valve must be installed.

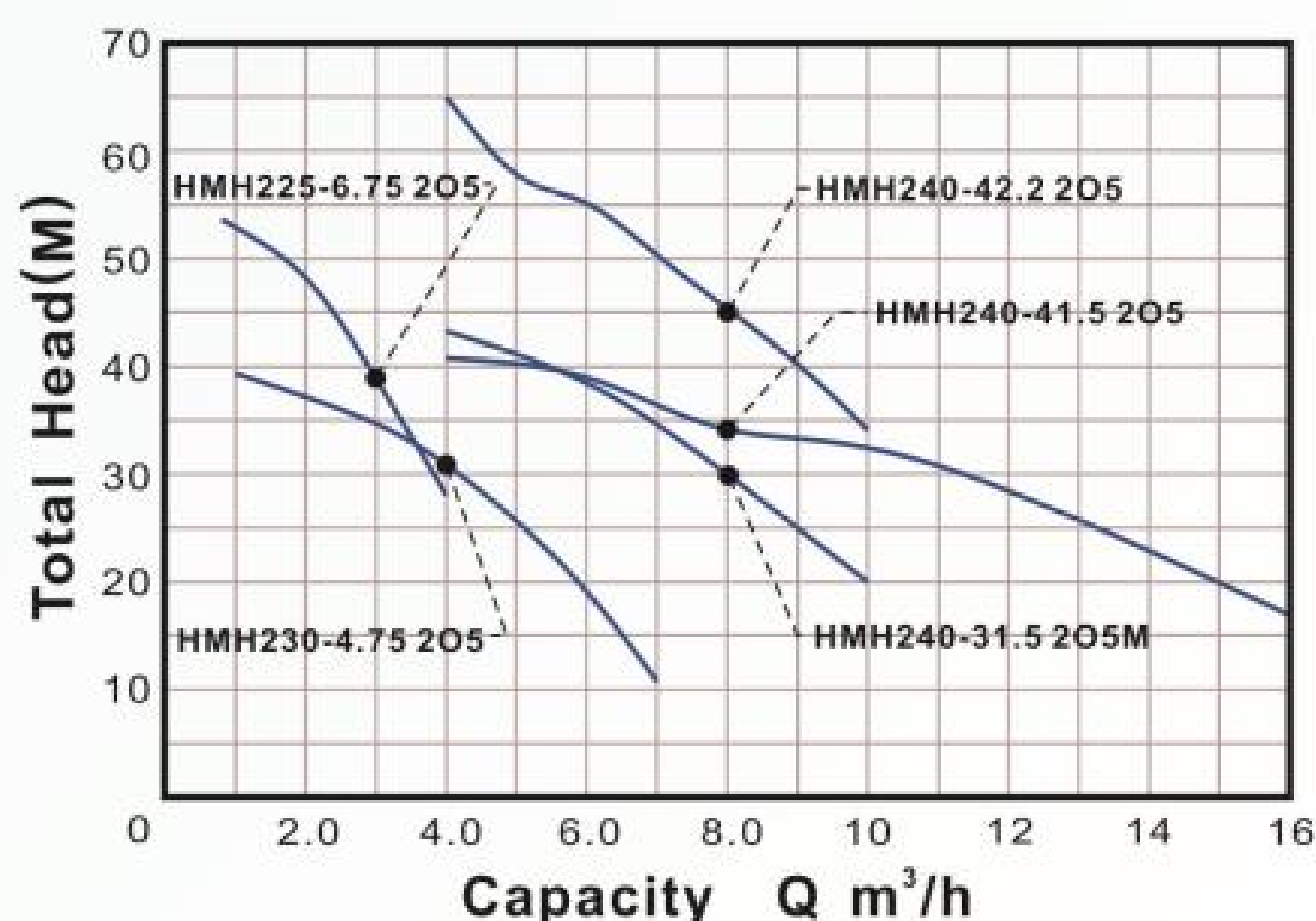
Physical dimension



Unit:mm

TYPE	L1	L2	L3	L4	L5	L6	H	H1	H2
HMH225-6.75 2O5	416	203	179	155	144	140	165	75	90
HMH230-4.75 2O5	360	145	121	155	86	140	188	75	86
HMH240-31.5 2O5M	408	408	-	-	100	182	217	100	-
HMH240-41.5 2O5	438	438	-	-	130	182	217	100	-
HMH240-42.2 2O5	438	438	-	-	130	182	217	100	-

Characteristic curve



TYPE	POWER	BORE	PHASE	HEAD	CAPACITY	STAGES	WEIGHT
	HP(kW)	Inch(mm)	Ø	M	m³/h		KG
HMH225-6.75 2O5	1 (0.75)	1" (25)	3	38	3.0	6	12
HMH230-4.75 2O5	1 (0.75)	1¼"(30)	3	31	4.0	4	11.5
HMH240-31.5 2O5M	2 (1.5)	1½"(40)	3	30	8.0	3	16
HMH240-41.5 2O5	2 (1.5)	1½"(40)	3	34	8.0	4	15
HMH240-42.2 2O5	3 (2.2)	1½"(40)	3	45	8.0	4	23

HMS stainless steel Horizontal multi-stage pump



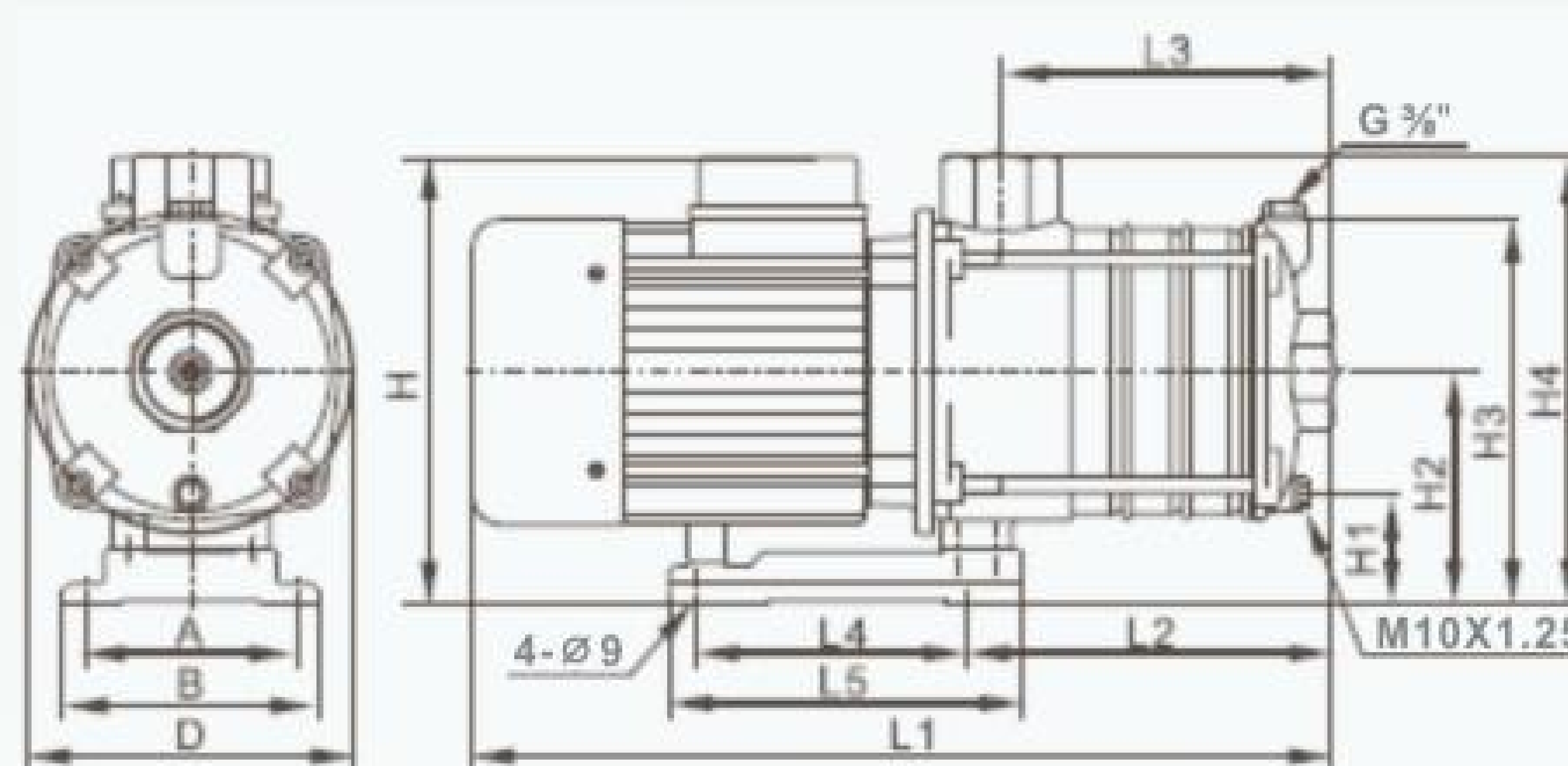
18



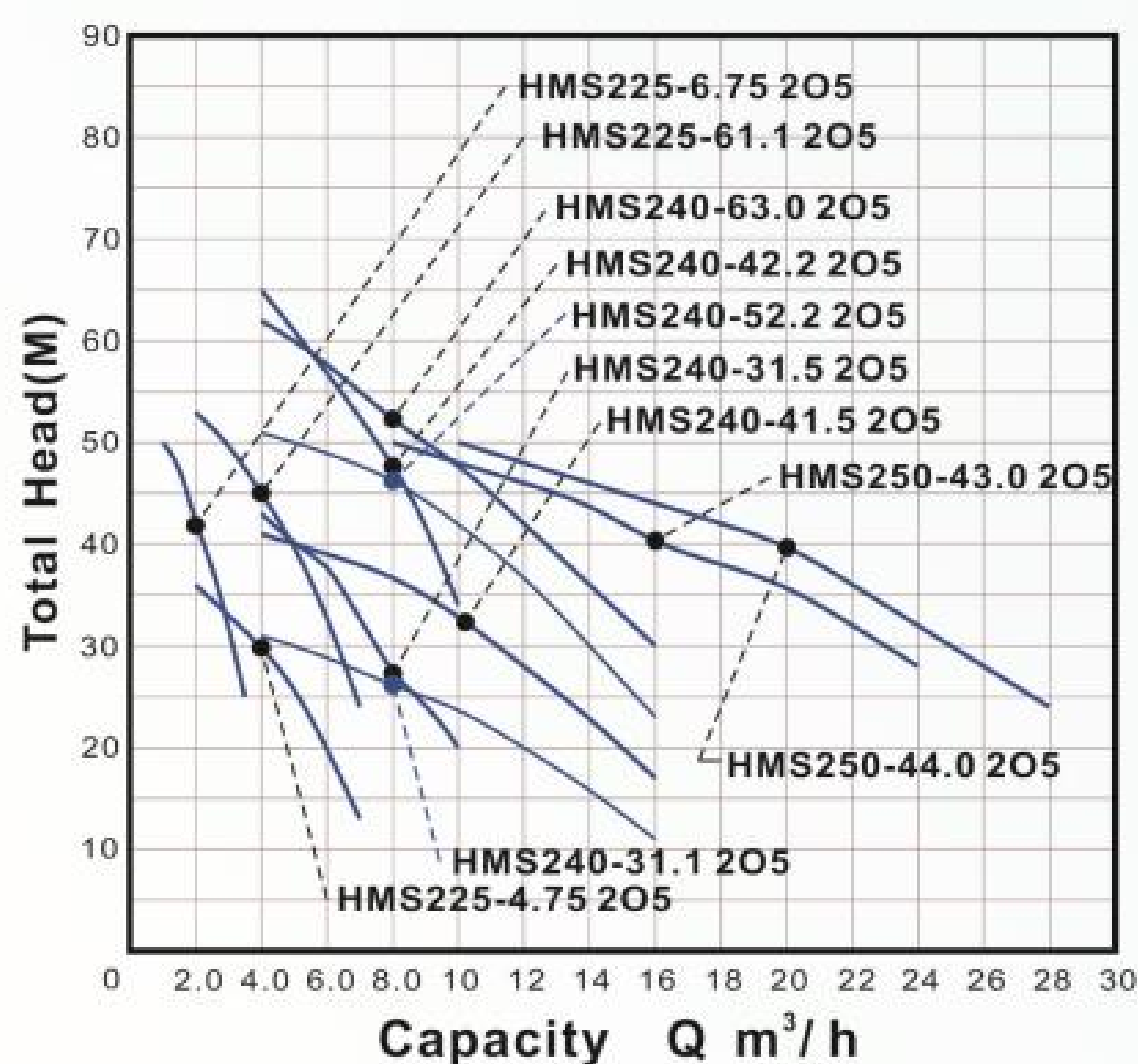
Characteristic

- Water shortage protection - When running without water, the inverter will automatically stop power supply.
- Constant pressure and stable pressure - the pressure will not be higher than the pressure setting value during use, so that the pressure can be maintained within a constant pressure range and will not fluctuate.
- Extend pipeline life - slow start and slow stop, no water hammer phenomenon.
- Water safety - the main liquid contact surface is made of stainless steel to ensure clean water (no rust).

Physical dimension



Characteristic curve



Unit:mm

TYPE	L1	L2	L3	L4	L5	H	H1	H2	H3	H4	A	B	D
HMS225-6.75 2O5	389	133	167	138	-	194	45	90	155	-	108	130	-
HMS225-4.75 2O5	398	142	175	138	-	194	45	90	155	-	108	130	-
HMS225-61.1 2O5	443	187	221	138	-	194	45	90	155	-	108	130	-
HMS240-31.1 2O5	426	133	138	138	-	222	51	110	188	240	108	-	178
HMS240-31.5 2O5	426	133	138	138	-	222	51	110	188	240	108	-	178
HMS240-41.5 2O5	446	163	168	138	-	222	51	110	188	240	108	130	178
HMS240-42.2 2O5	456	163	168	138	-	222	51	110	188	240	108	-	178
HMS240-52.2 2O5	476	193	198	138	-	222	51	110	188	240	108	130	178
HMS240-63.0 2O5	568	223	228	138	-	227	51	110	188	240	108	130	178
HMS250-43.0 2O5	555	241	216	138	180	235	61	118	196	228	108	130	176
HMS250-44.0 2O5	575	316	216	140	175	248	43	100	178	210	160	200	195

TYPE	POWER	BORE	PHASE	HEAD	CAPACITY	STAGES	WEIGHT
	HP (kW)	Inch(mm)	Ø	M	m³/h		KG
HMS225-6.75 2O5	1 (0.75)	1" (25)	3	42	2.0	6	10.5
HMS225-4.75 2O5	1 (0.75)	1½" (40)	3	30	4.0	4	10.5
HMS225-61.1 2O5	1½ (1.1)	1½" (40)	3	45	4.0	6	12
HMS240-31.1 2O5	1½ (1.1)	1½" (40)	3	26	8.0	3	25
HMS240-31.5 2O5	2 (1.5)	1½" (40)	3	27	8.0	3	20
HMS240-41.5 2O5	2 (1.5)	1½" (40)	3	37	8.0	4	20
HMS240-42.2 2O5	3 (2.2)	1½" (40)	3	48	8.0	4	31
HMS240-52.2 2O5	3 (2.2)	1½" (40)	3	46.5	8.0	5	28
HMS240-63.0 2O5	4 (3.0)	1½" (40)	3	52	8.0	6	29
HMS250-43.0 2O5	4 (3.0)	2" (50)	3	40	16	4	30
HMS250-44.0 2O5	5 (4.0)	2" (50)	3	40	20	4	35



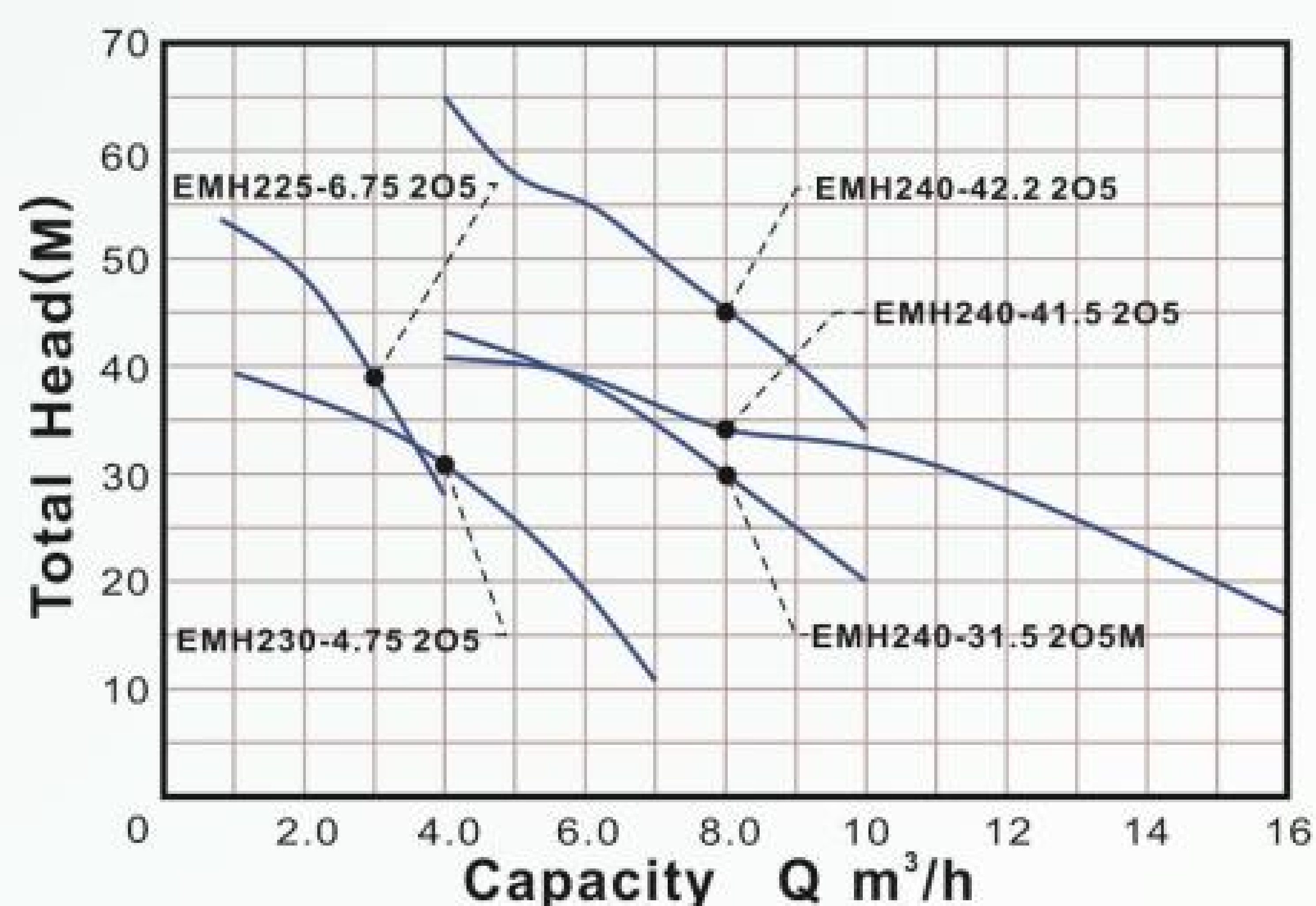
Product Usage



Characteristic

- **Water shortage protection**
- When running without water, the inverter will automatically stop power supply.
- **Constant pressure and stable pressure**
- the pressure will not be higher than the pressure setting value during use, so that the pressure can be maintained within a constant pressure range and will not fluctuate.
- **Extend pipeline life**
- slow start and slow stop, no water hammer phenomenon.
- **Water safety**
- the main liquid contact surface is made of stainless steel to ensure clean water (no rust).

Characteristic curve



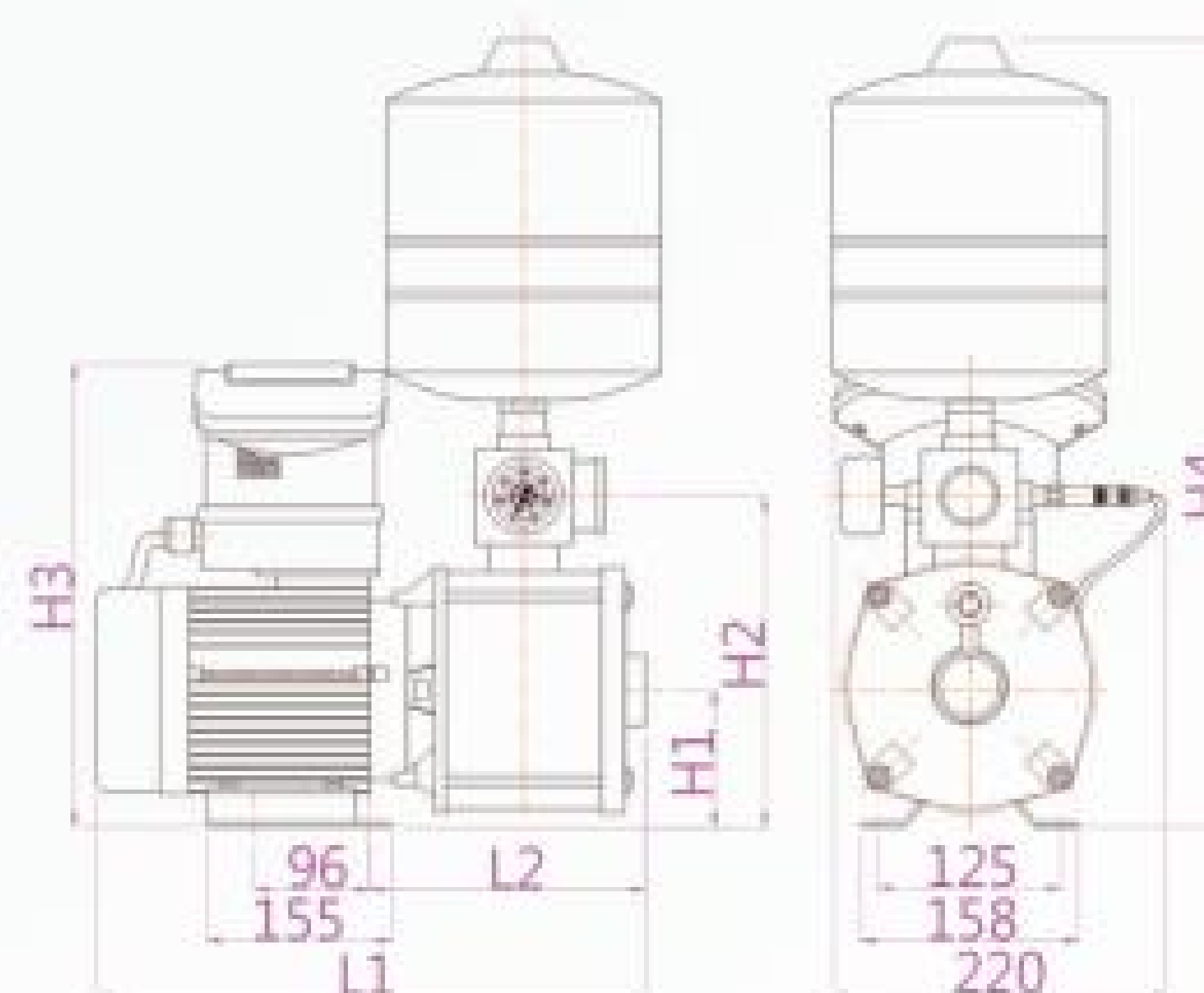
■ Single camera type(220V):



Conditions of use

- Ambient temperature : MAX.+50°C
- Liquid temperature :
(Standard shaft seal)-20°C~+70°C
(Heat-resistant shaft seal)-20°C~+104°C
- Intake water under positive pressure (water source is higher than the pump). If the water tank (water source) is lower than the pump, the suction height should not exceed 3M, and a check valve must be installed.

Physical dimension



Unit:mm

TYPE	L1	L2	H1	H2	H3	H4
EMH225-6.75 2O5	416	203	75	183	292	420
EMH230-4.75 2O5	360	145	75	179	288	416
EMH240-31.5 2O5M	408	200	100	208	321	520
EMH240-42.2 2O5	438	230	100	208	321	520
EMH240-41.5 2O5	438	230	100	208	321	520

TYPE	POWER	BORE	VOLTAGE	HEAD	CAPACITY	STAGES	WEIGHT
	HP(kW)	Inch(mm)					
EMH225-6.75 2O5	1 (0.75)	1" (25)	220 - 240 & 380 - 480	38	3.0	6	13.3
EMH230-4.75 2O5	1 (0.75)	1¼"(30)		31	4.0	4	12.8
EMH240-31.5 2O5M	2 (1.5)	1½"(40)		30	8.0	3	17.3
EMH240-41.5 2O5	2 (1.5)	1½"(40)		34	8.0	4	16.3
EMH240-42.2 2O5	3 (2.2)	1½"(40)		45	8.0	4	24.3



Characteristic

■ Water shortage protection

- When running without water, the inverter will automatically stop power supply.

■ Constant pressure and stable pressure

- the pressure will not be higher than the pressure setting value during use, so that the pressure can be maintained within a constant pressure range and will not fluctuate.

■ Run in parallel

- When using, a single unit is started. As the water usage increases, if the operation of a single unit cannot meet the set pressure and water usage, the second unit will start automatically and incorporate operation compensation. As the water volume decreases, a single unit can meet the set pressure and water usage. , the second unit automatically shuts down.

■ Water safety

- the main liquid contact surface is made of stainless steel to ensure clean water (no rust).

■ Alternate operation

- The starting sequence can alternate operation according to the set time.

■ Extend pipeline life

- slow start and slow stop, no water hammer phenomenon.

Conditions of use

■ Ambient temperature : MAX.+50°C

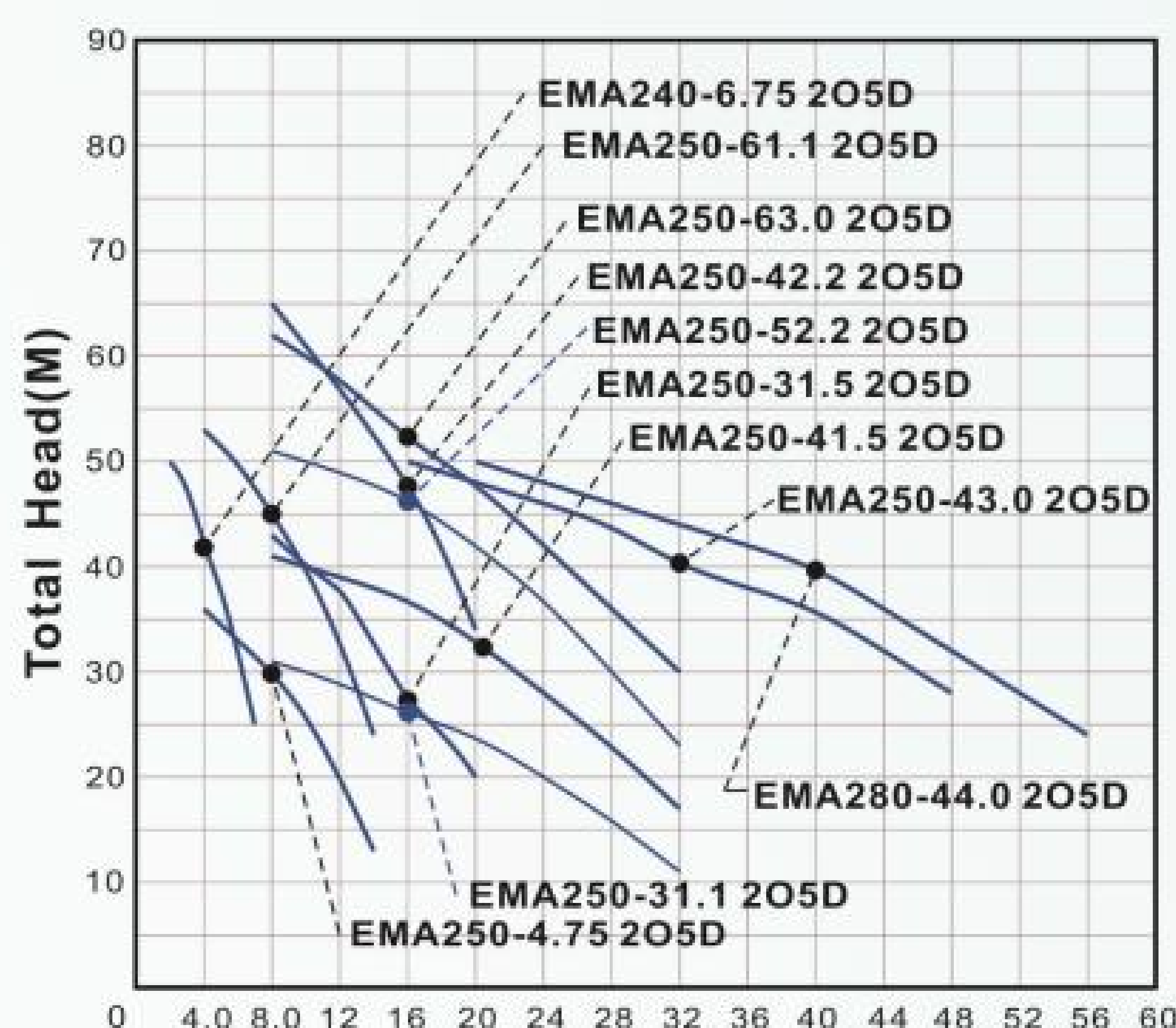
■ Liquid temperature :

(Standard shaft seal)-20°C~+70°C

(Heat-resistant shaft seal)-20°C~+104°C

■ Intake water under positive pressure (water source is higher than the pump). If the water tank (water source) is lower than the pump, the suction height should not exceed 3M, and a check valve must be installed.

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	HEAD	CAPACITY	STAGES	WEIGHT
	HP(kW)	Inch(mm)		M	m³/h		
EMA240-6.75 2O5D	1 (0.75)	1½"(40)	220 - 240 & 380 - 480	42	4.0	6	31
EMA250-4.75 2O5D	1 (0.75)	2" (50)		30	8.0	4	31
EMA250-61.1 2O5D	1½ (1.1)	2" (50)		45	8.0	6	34
EMA250-31.1 2O5D	1½ (1.1)	2" (50)		26	16	3	48
EMA250-31.5 2O5D	2 (1.5)	2" (50)		27	16	3	50
EMA250-41.5 2O5D	2 (1.5)	2" (50)		37	16	4	50
EMA250-42.2 2O5D	3 (2.2)	2" (50)		48	16	4	72
EMA250-52.2 2O5D	3 (2.2)	2" (50)		46.5	16	5	66
EMA250-63.0 2O5D	4 (3.0)	2" (50)		52	16	6	68
EMA280-43.0 2O5D	4 (3.0)	3" (80)		40	32	4	70
EMA280-44.0 2O5D	5 (3.7)	3" (80)		40	40	4	80

Product Usage



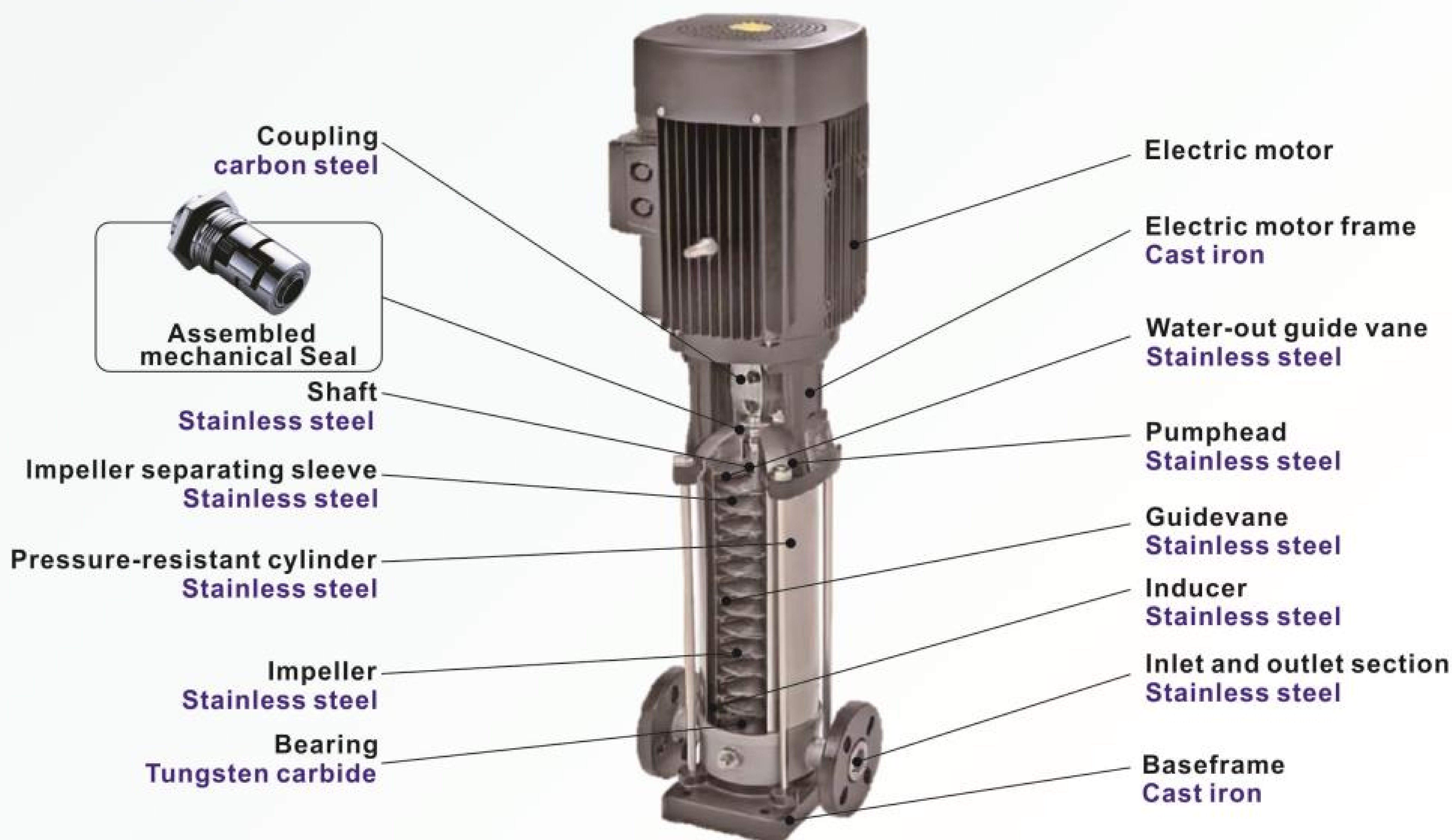
Characteristic

- The flow-passing parts are made of high-quality stainless steel, and the mechanical seal is made of tungsten carbide.
- Long service life, resistant to mildly corrosive liquids, clean and hygienic, and high efficiency.
- Upright structure saves installation space and facilitates maintenance.
- Low operating noise, multi-stage pump blade design, high conveying head and wear resistance.
- The stainless steel structure on the liquid contact surface ensures clean and safe water.

Conditions of use

- ambient temperature : MAX.+40°C
- liquid temperature : -15°C~+70°C (Please inform if you need hot water+70°C~+120°C)
- Applicable liquid: Non-flammable and explosive liquids that do not contain solid particles or fibers

Name/Material

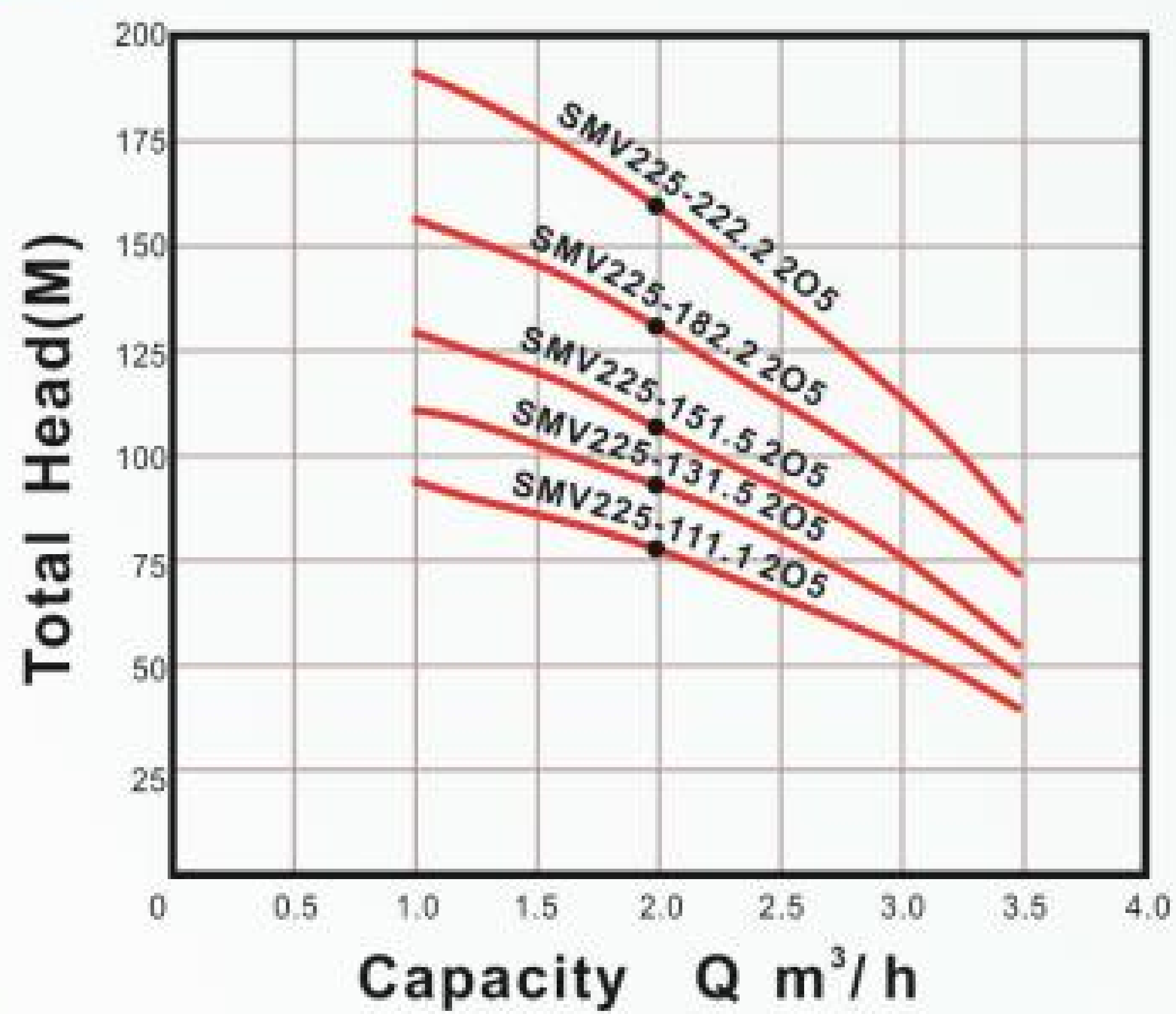


SMV Stainless steel Vertical multi-stage centrifugal pump

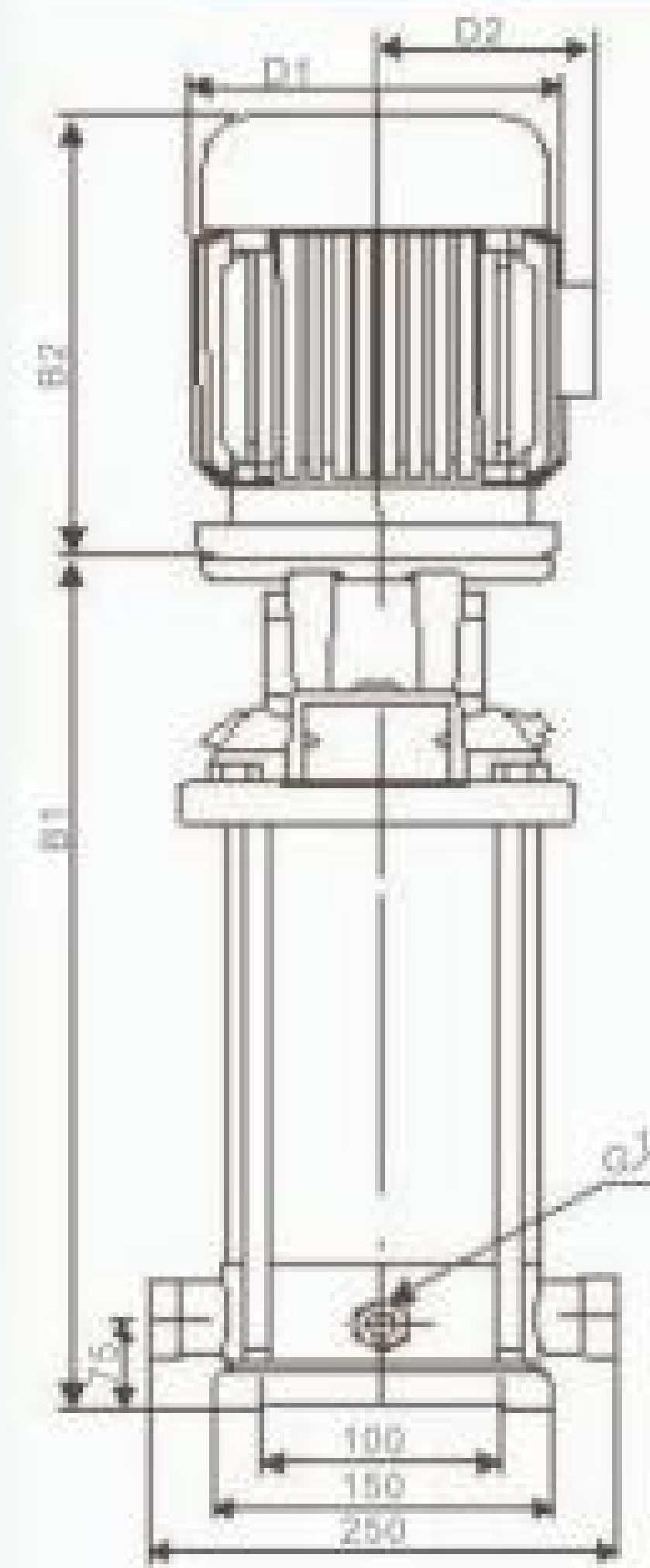


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Characteristic curve



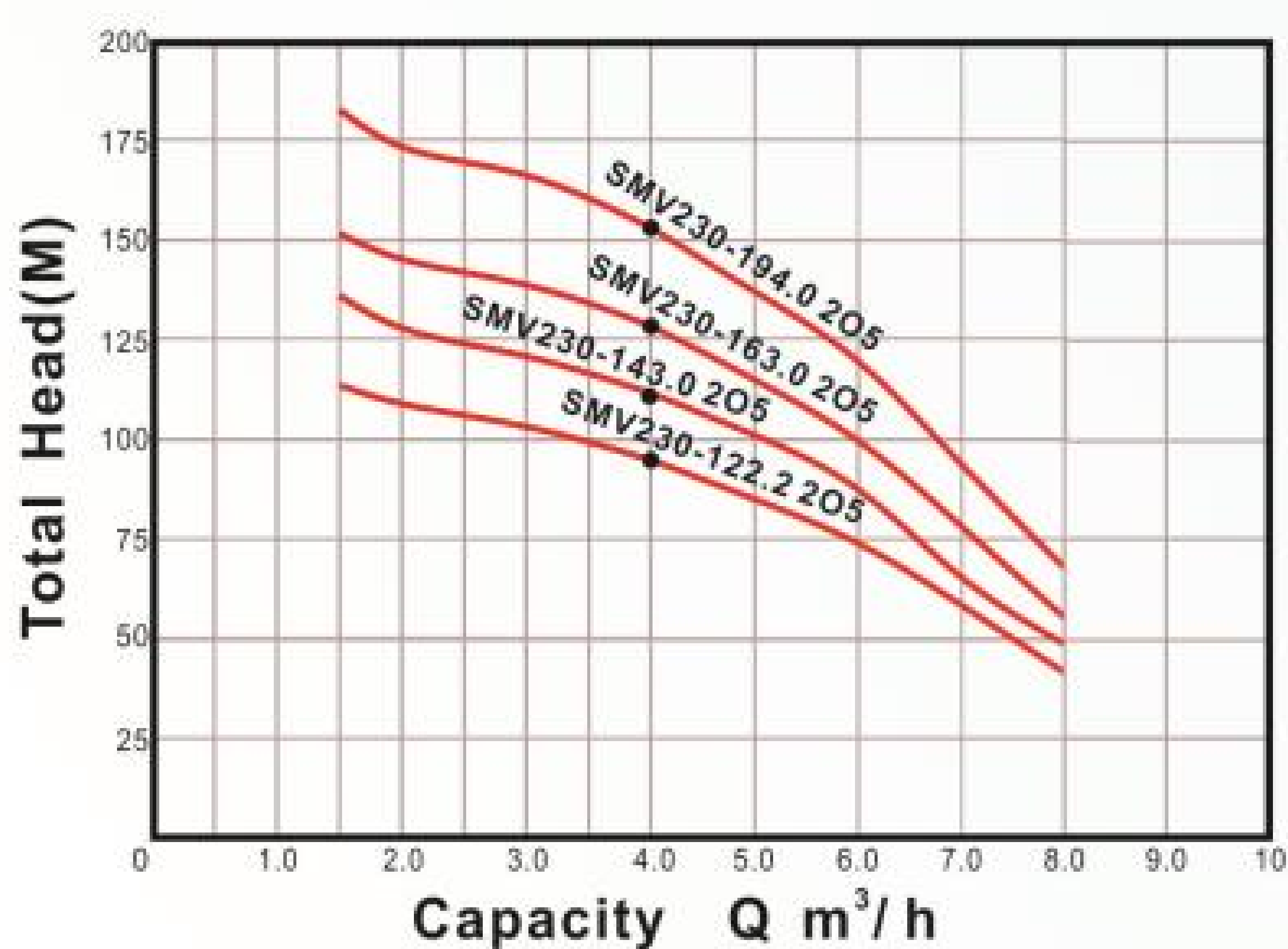
Physical dimension



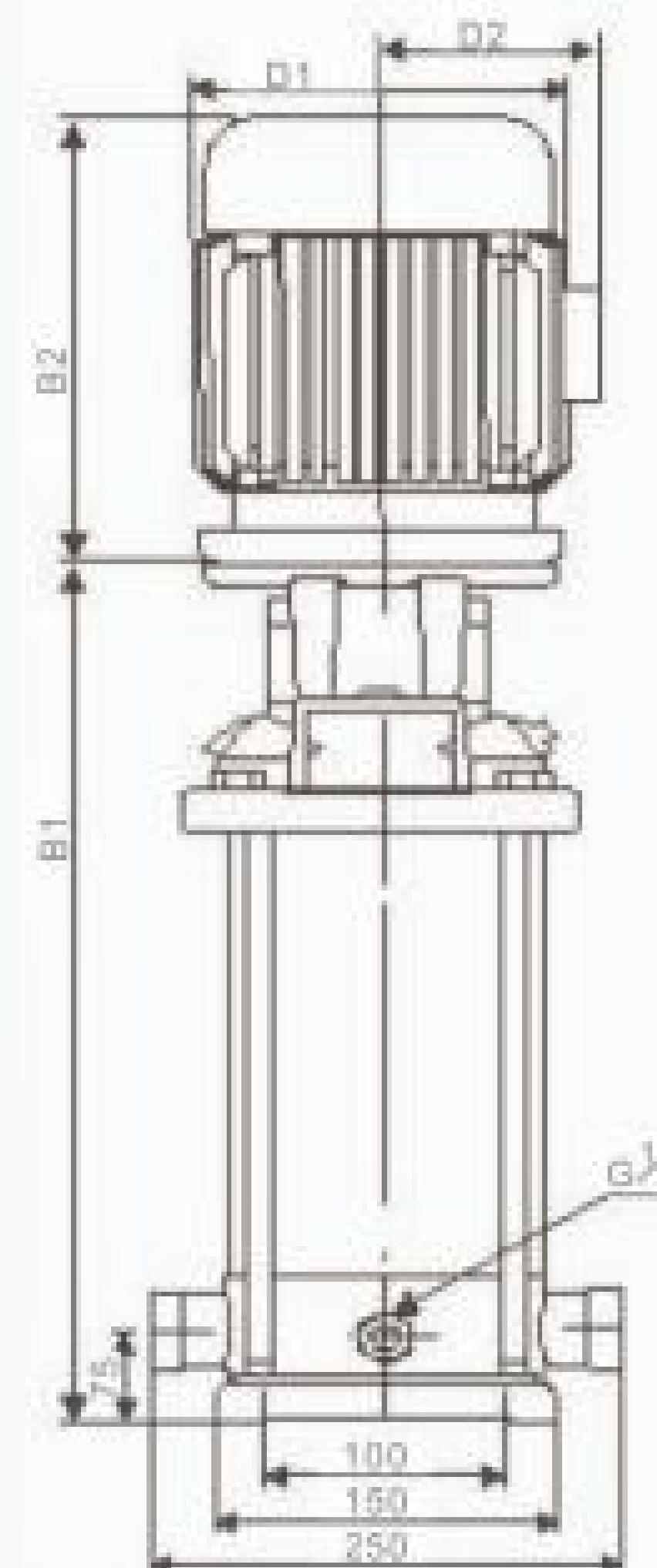
Unit:mm

TYPE	POWER	BORE	Q	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5	WEIGHT	TYPE	B1	B2	D1	D2
	HP(KW)	INCH(MM)										(m³/h)					
SMV225-111.1 2O5	1½ (1.1)	1" (25)	H (m)	95	92	86	79	70	61	51	41	29	SMV225-111.1 2O5	428	245	170	142
SMV225-131.5 2O5	2 (1.5)			112	110	102	94	85	73	61	48	33	SMV225-131.5 2O5	480	290	190	155
SMV225-151.5 2O5	2 (1.5)			130	126	119	108	96	86	69	56	35	SMV225-151.5 2O5	516	290	190	155
SMV225-182.2 2O5	3 (2.2)			157	153	144	132	117	104	87	72	39	SMV225-182.2 2O5	570	290	190	155
SMV225-222.2 2O5	3 (2.2)			192	187	175	160	143	135	105	85	43	SMV225-222.2 2O5	642	290	190	155

Characteristic curve



Physical dimension

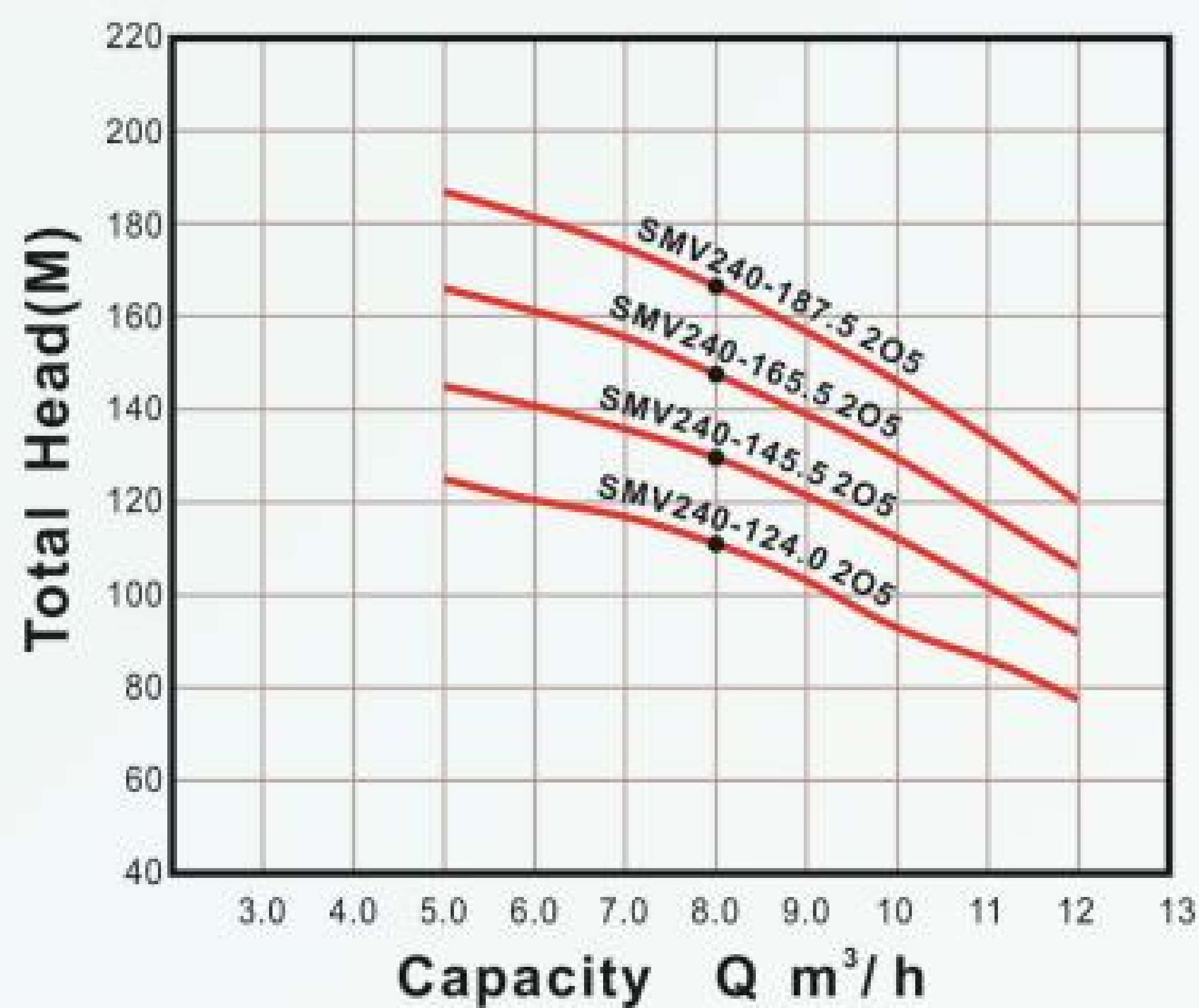


Unit:mm

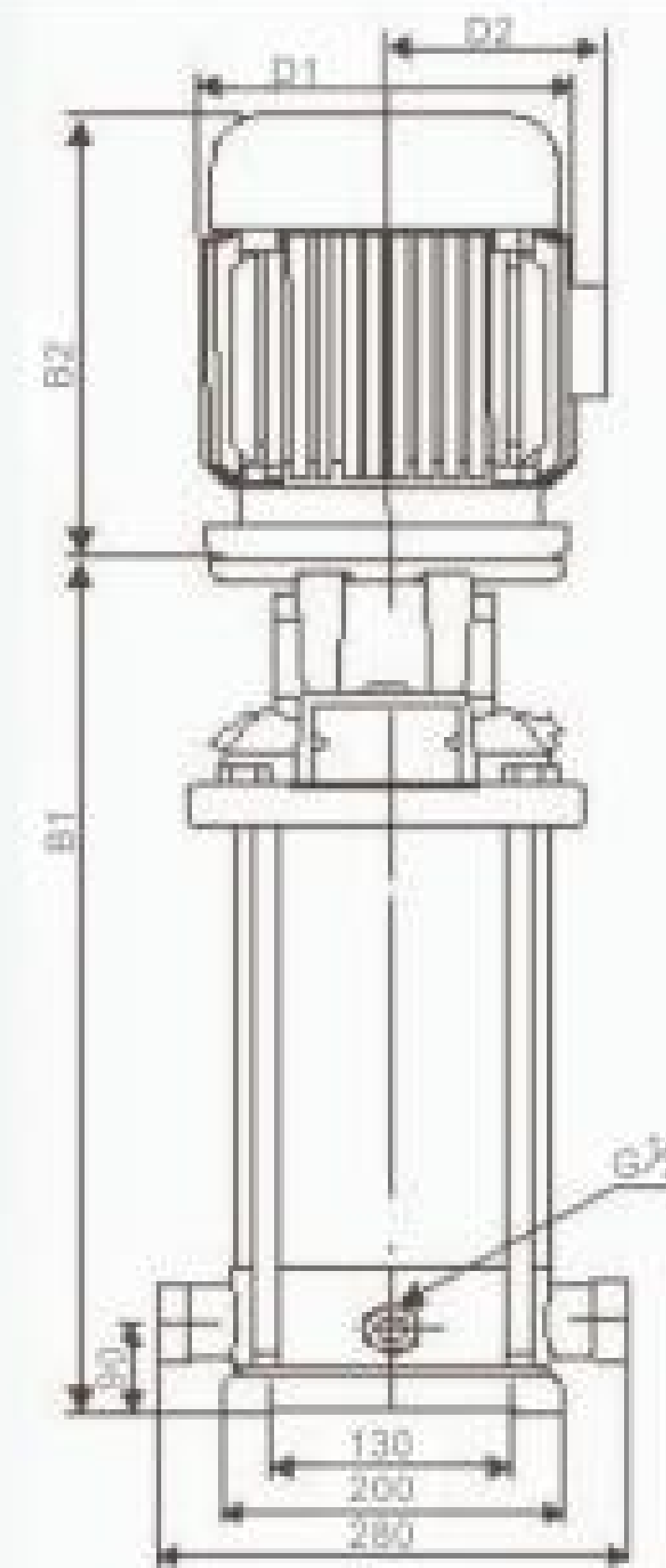
TYPE	POWER	BORE	Q	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	WEIGHT	TYPE	B1	B2	D1	D2
	HP(KW)	INCH(MM)										(M ³ /H)					
SMV230-122.2 2O5	3 (2.2)	1¼"(30)	H (M)	114	108	104	95	85	75	58	41	37	SMV230-122.2 2O5	570	290	190	155
SMV230-143.0 2O5	4 (3.0)			136	126	122	112	101	89	68	48	44	SMV230-143.0 2O5	628	315	197	165
SMV230-163.0 2O5	4 (3.0)			152	144	140	129	115	101	78	55	48	SMV230-163.0 2O5	682	315	197	165
SMV230-194.0 2O5	5 (4.0)			183	171	168	153	137	122	93	67	51	SMV230-194.0 2O5	763	335	230	188

SMV Stainless steel Vertical multi-stage centrifugal pump

Characteristic curve



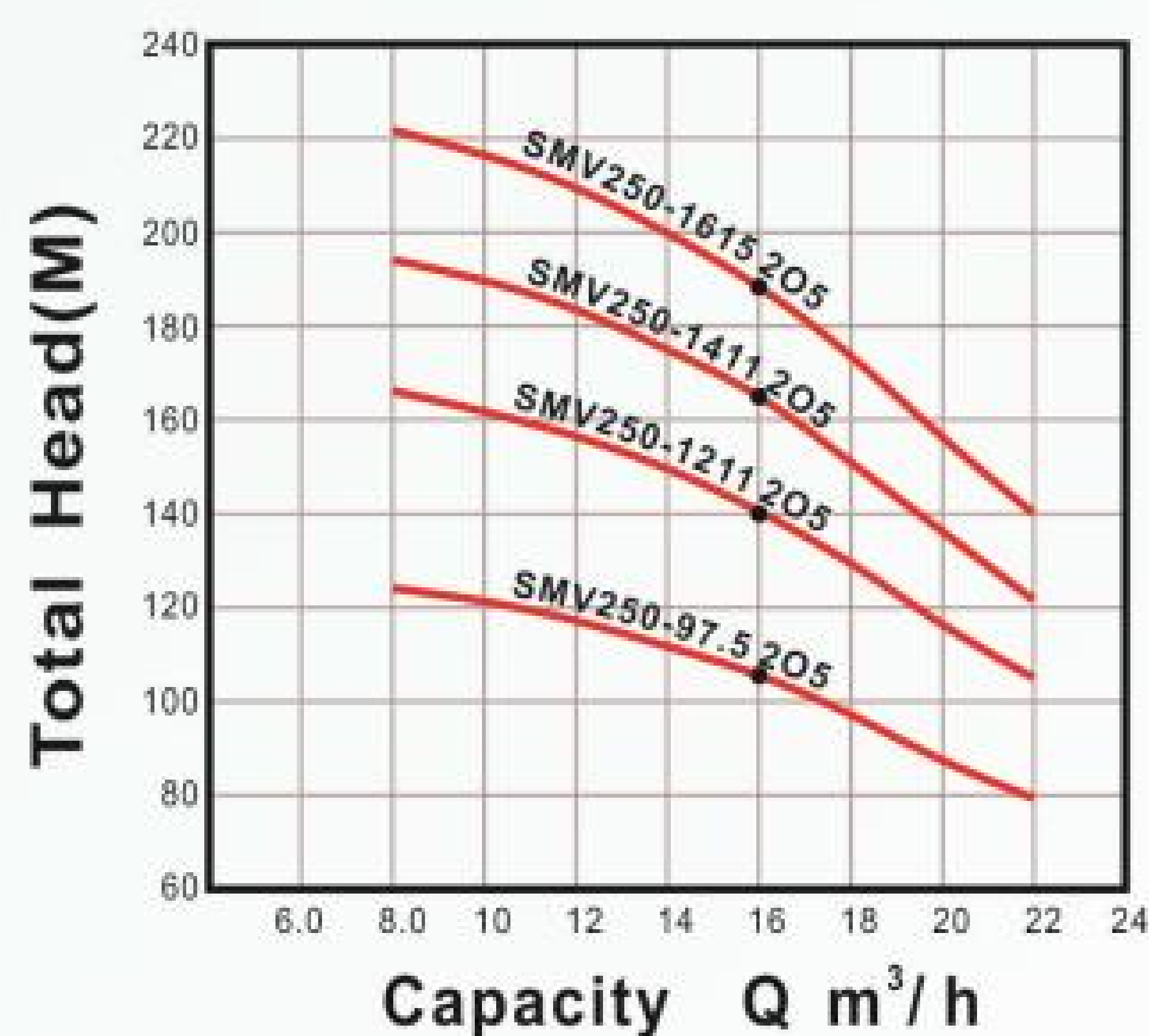
Physical dimension



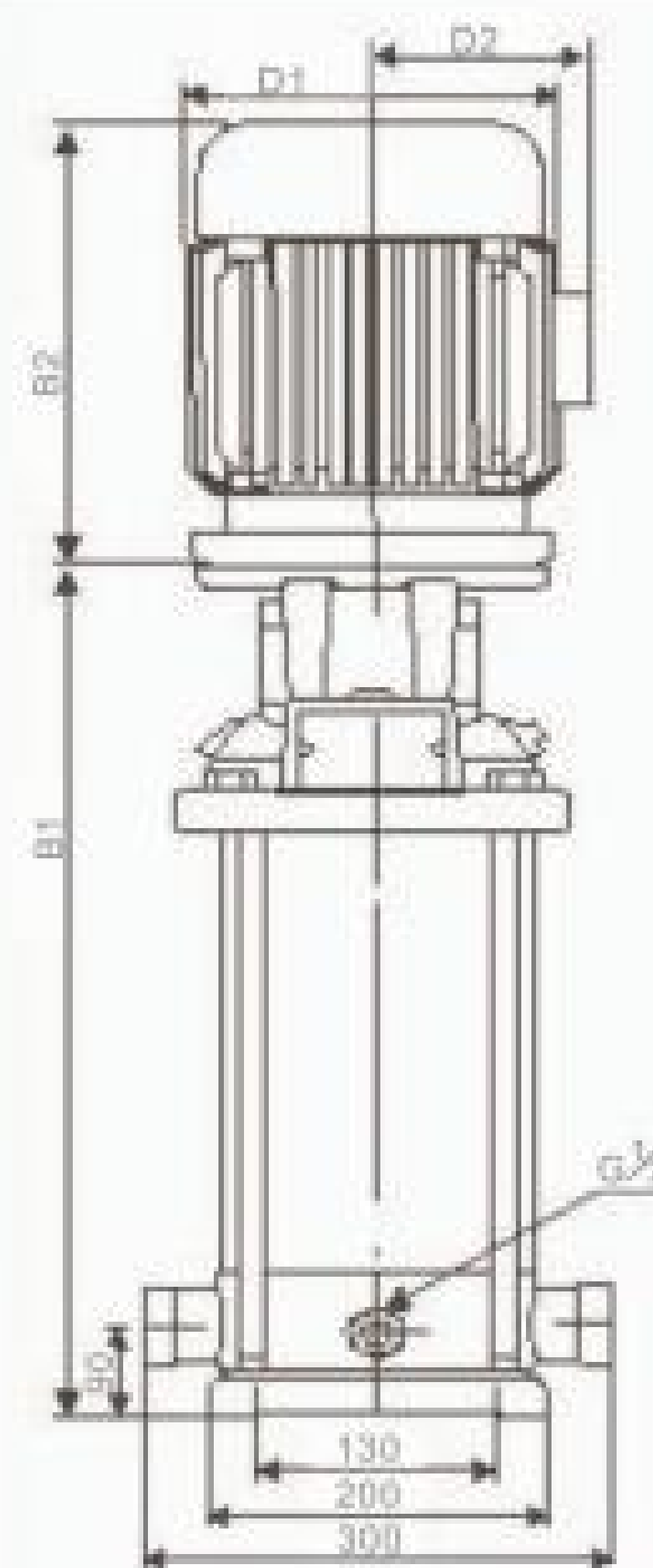
Unit:mm

TYPE	POWER	BORE	Q	5.0	6.0	7.0	8.0	9.0	10	11	12	WEIGHT	TYPE	B1	B2	D1	D2
	HP(kW)	INCH(mm)										(m³/h)					
SMV240-124.0 2O5	5 (4.0)	1½"(40)	H (m)	124	120	116	111	104	92	87	78	68	SMV240-124.0 2O5	687	372	230	188
SMV240-145.5 2O5	7½ (5.5)			145	141	136	130	122	113	102	92	91	SMV240-145.5 2O5	779	391	260	208
SMV240-165.5 2O5	7½ (5.5)			166	161	156	148	139	130	118	106	93	SMV240-165.5 2O5	839	391	260	208
SMV240-187.5 2O5	10 (7.5)			187	182	175	167	157	146	134	120	99	SMV240-187.5 2O5	899	391	260	208

Characteristic curve



Physical dimension



Unit:mm

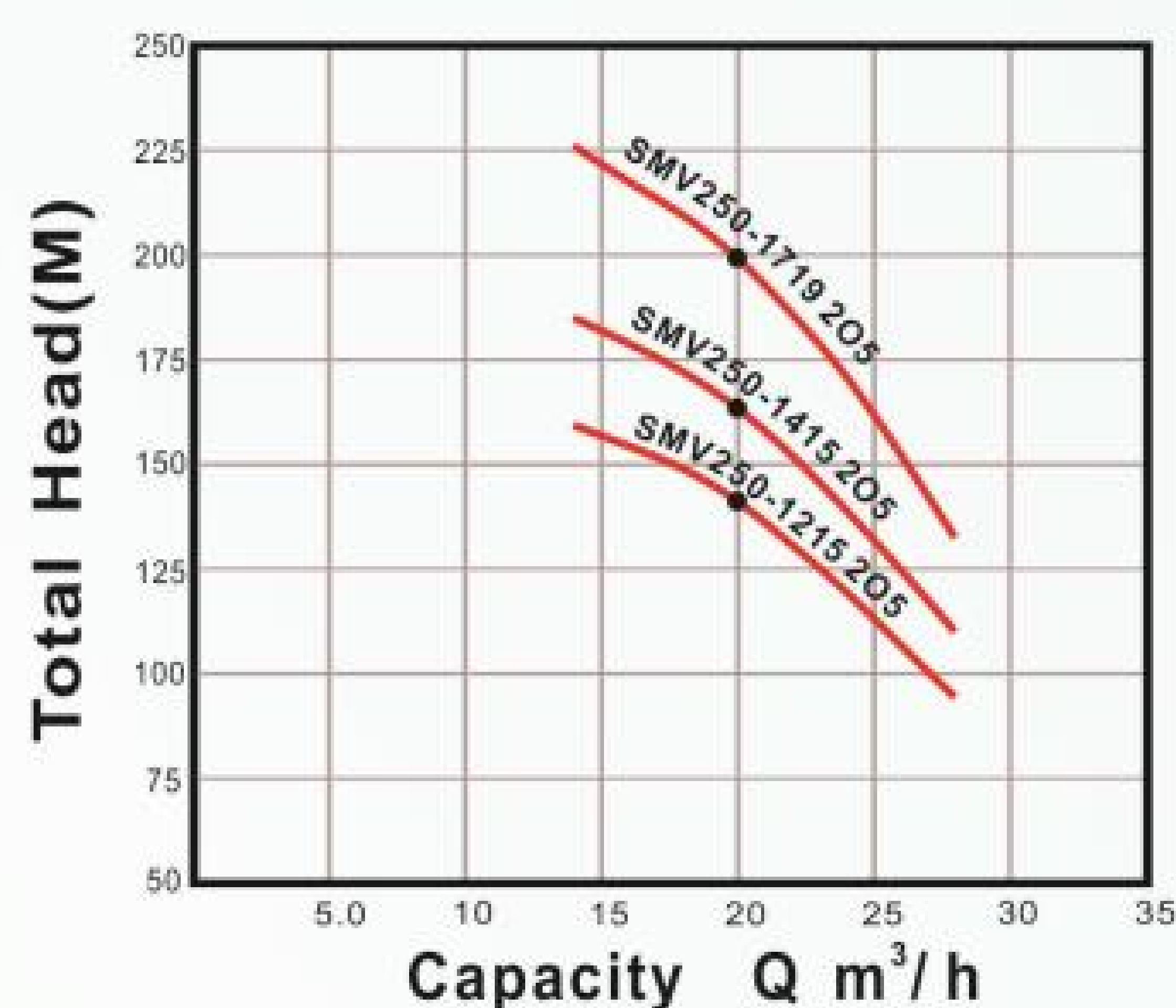
TYPE	POWER	BORE	Q	8.0	10	12	14	16	18	20	22	WEIGHT	TYPE	B1	B2	D1	D2
	HP(KW)	INCH(MM)										KG					
SMV250-97.5 2O5	10 (7.5)	2" (50)	H (m)	124	122	118	112	106	98	87	79	94	SMV250-97.5 2O5	764	390	260	208
SMV250-1211 2O5	15 (11)			166	162	157	150	141	130	116	105	130	SMV250-1211 2O5	976	464	330	255
SMV250-1411 2O5	15 (11)			194	190	184	175	166	152	136	122	133	SMV250-1411 2O5	1066	464	330	255
SMV250-1615 2O5	20 (15)			222	217	210	200	189	174	156	140	148	SMV250-1615 2O5	1156	478	330	255

SMV Stainless steel Vertical multi-stage centrifugal pump

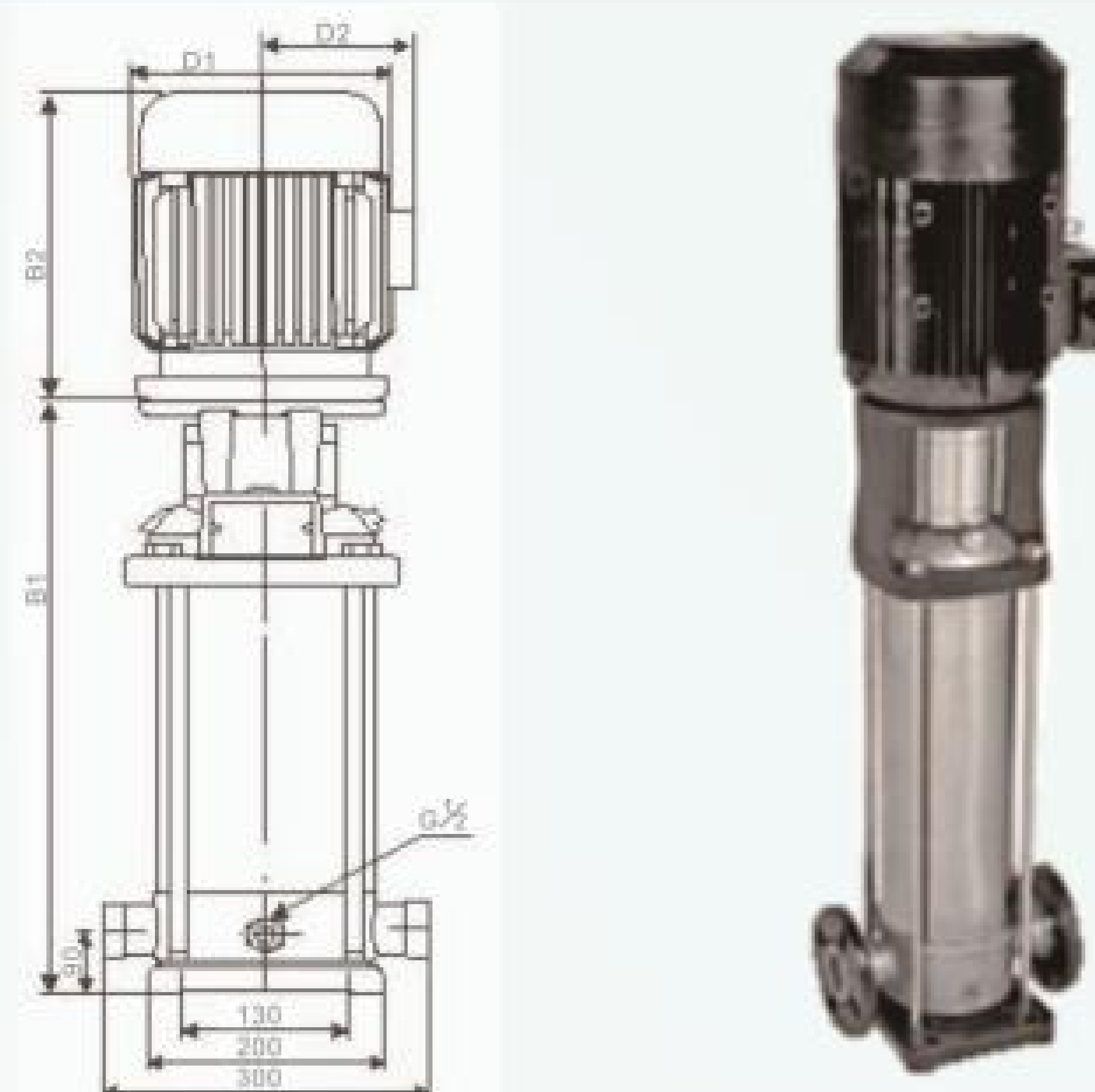


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Characteristic curve



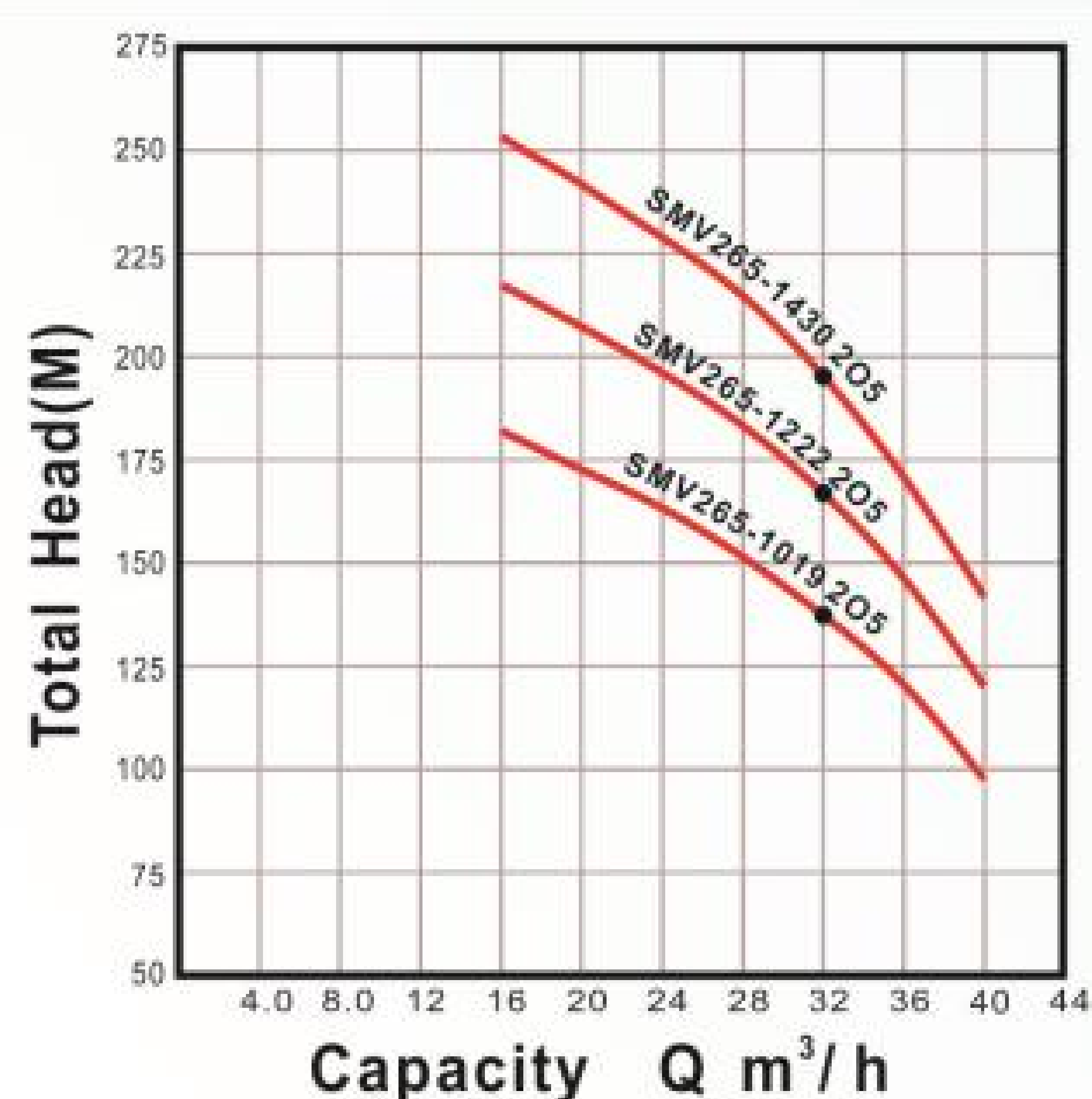
Physical dimension



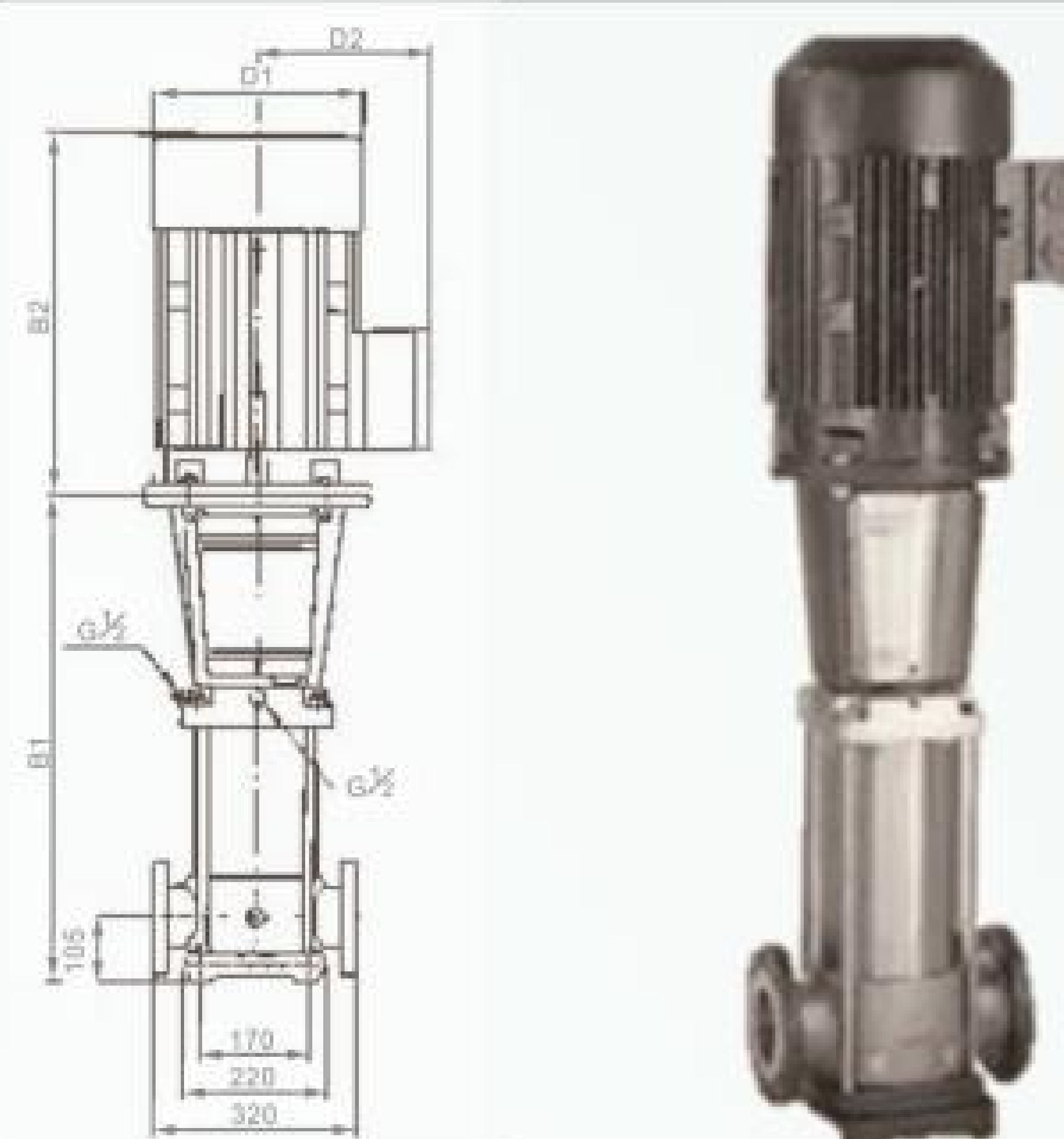
Unit:mm

TYPE	POWER	BORE	Q	14	16	18	20	22	24	26	28	WEIGHT	TYPE	B1	B2	D1	D2
	HP(kW)	INCH(mm)										KG					
SMV250-1215 2O5	20 (15)	2" (50)	H (m)	159	154	149	142	131	120	107	94	144	SMV250-1215 2O5	976	478	330	255
SMV250-1415 2O5	20 (15)			185	179	173	164	153	139	125	110	147	SMV250-1415 2O5	1060	478	330	255
SMV250-1719 2O5	25 (19)			226	218	210	200	186	172	153	133	161	SMV250-1719 2O5	1201	478	330	255

Characteristic curve



Physical dimension



Unit:mm

TYPE	POWER	BORE	Q	16	20	24	28	32	36	40	WEIGHT	TYPE	B1	B2	D1	D2
	HP(kW)	INCH(mm)									KG					
SMV265-1019 2O5	25 (19)	2½" (65)	H (m)	182	173	164	152	138	122	98	222	SMV265-1019 2O5	1240	550	330	255
SMV265-1222 2O5	30 (22)			218	208	196	184	167	147	120	263	SMV265-1222 2O5	1380	590	360	285
SMV265-1430 2O5	40 (30)			255	242	229	216	196	172	142	331	SMV265-1430 2O5	1520	660	400	310



Product Usage



Conditions of use

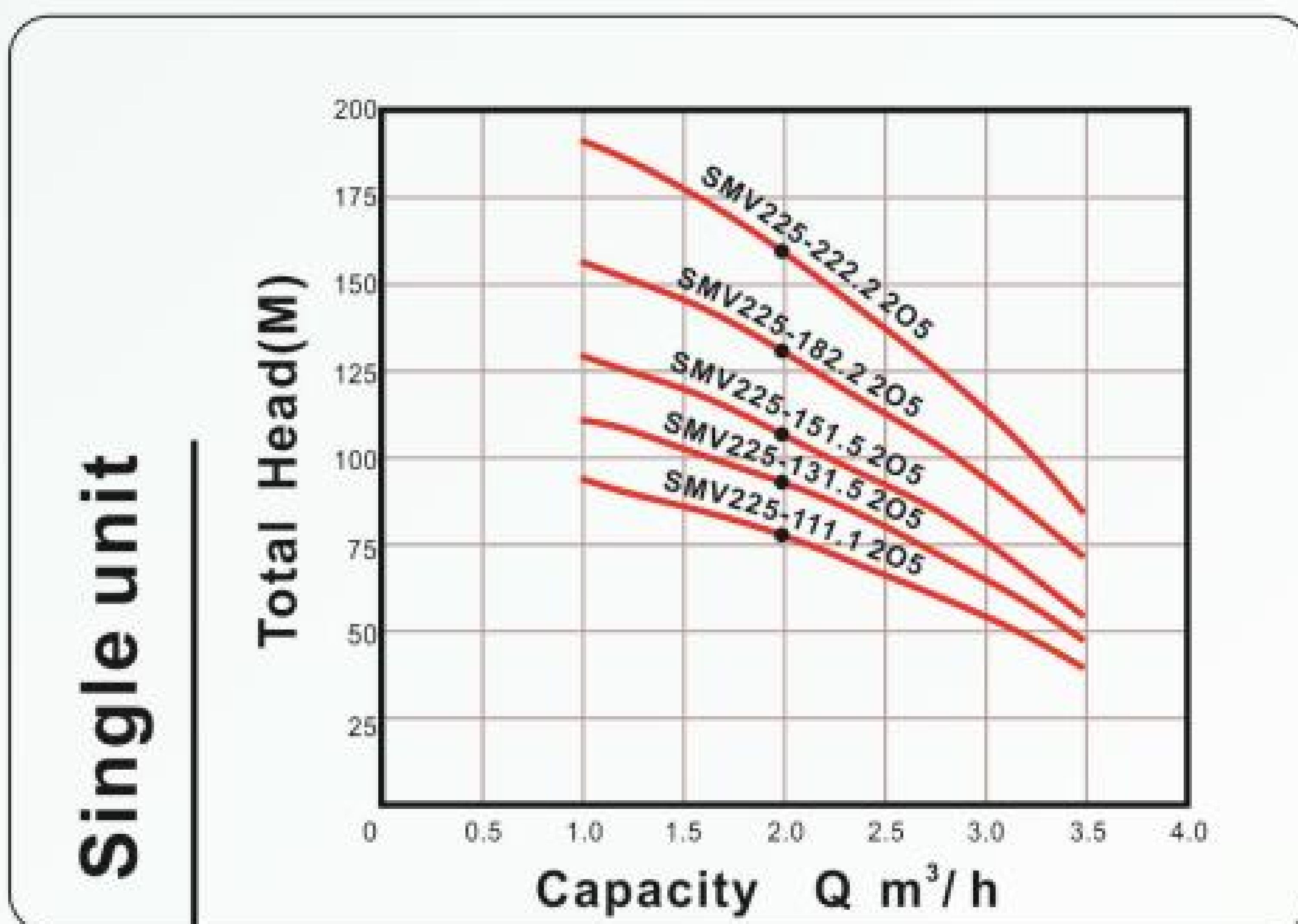
- ambient temperature : MAX.+40°C
- liquid temperature : -15°C~+70°C
(Please inform if you need hot water+70°C~+120°C)
- Applicable liquid:
Non-flammable and explosive liquids that do not contain solid particles or fibers

Characteristic

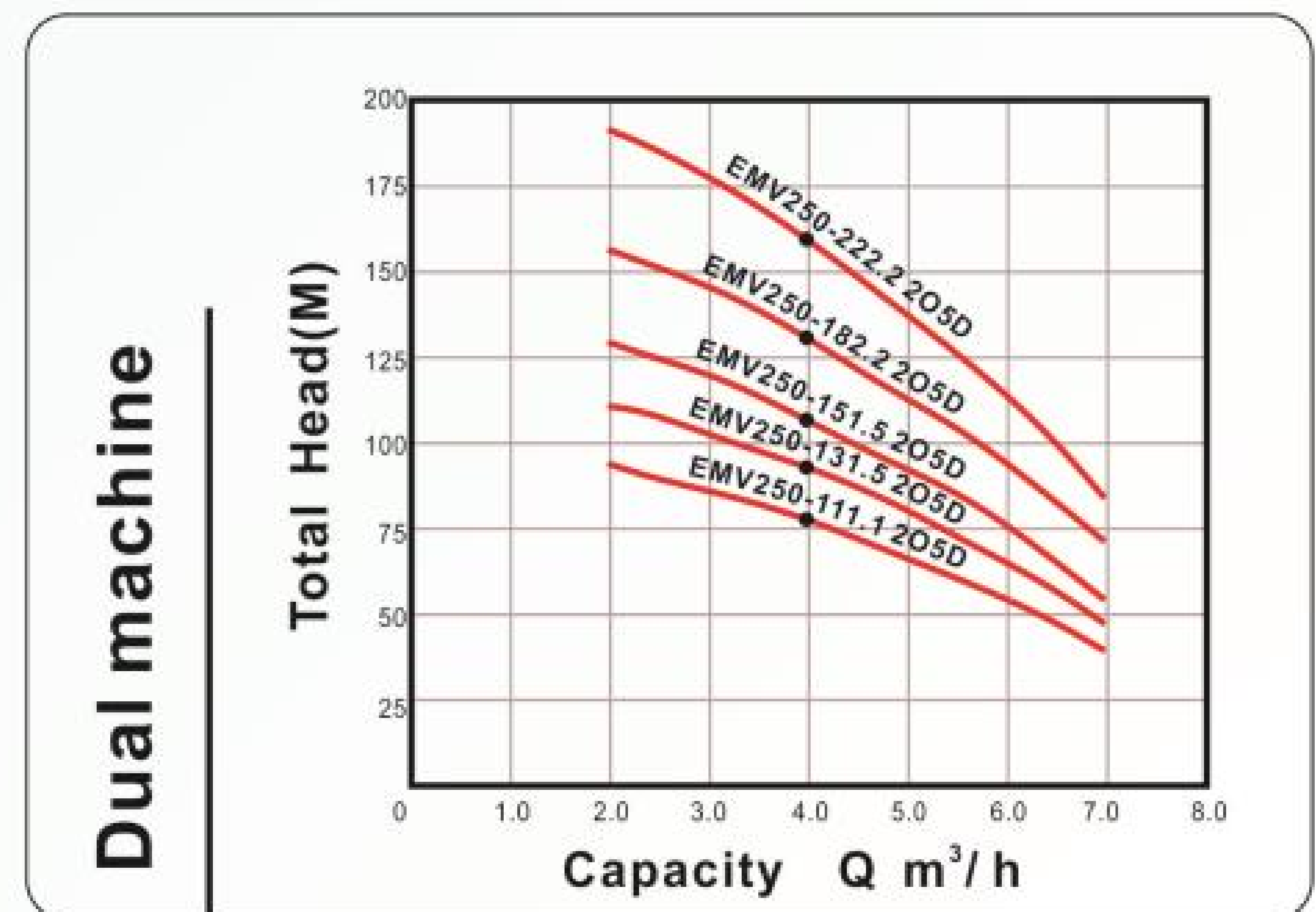
- **Water shortage protection**
- When running without water, the inverter will automatically stop power supply.
- **Constant pressure and stable pressure**
- the pressure will not be higher than the pressure setting value during use, so that the pressure can be maintained within a constant pressure range and will not fluctuate.
- **Extend pipeline life**
- slow start and slow stop, no water hammer phenomenon.

- **Run in parallel**
- When using, a single unit is started. As the water usage increases, if the operation of a single unit cannot meet the set pressure and water usage, the second unit will start automatically and incorporate operation compensation. As the water volume decreases, a single unit can meet the set pressure and water usage. , the second unit automatically shuts down.
- **Alternate operation**
- The starting sequence can alternate operation according to the set time.

Characteristic curve



Characteristic curve

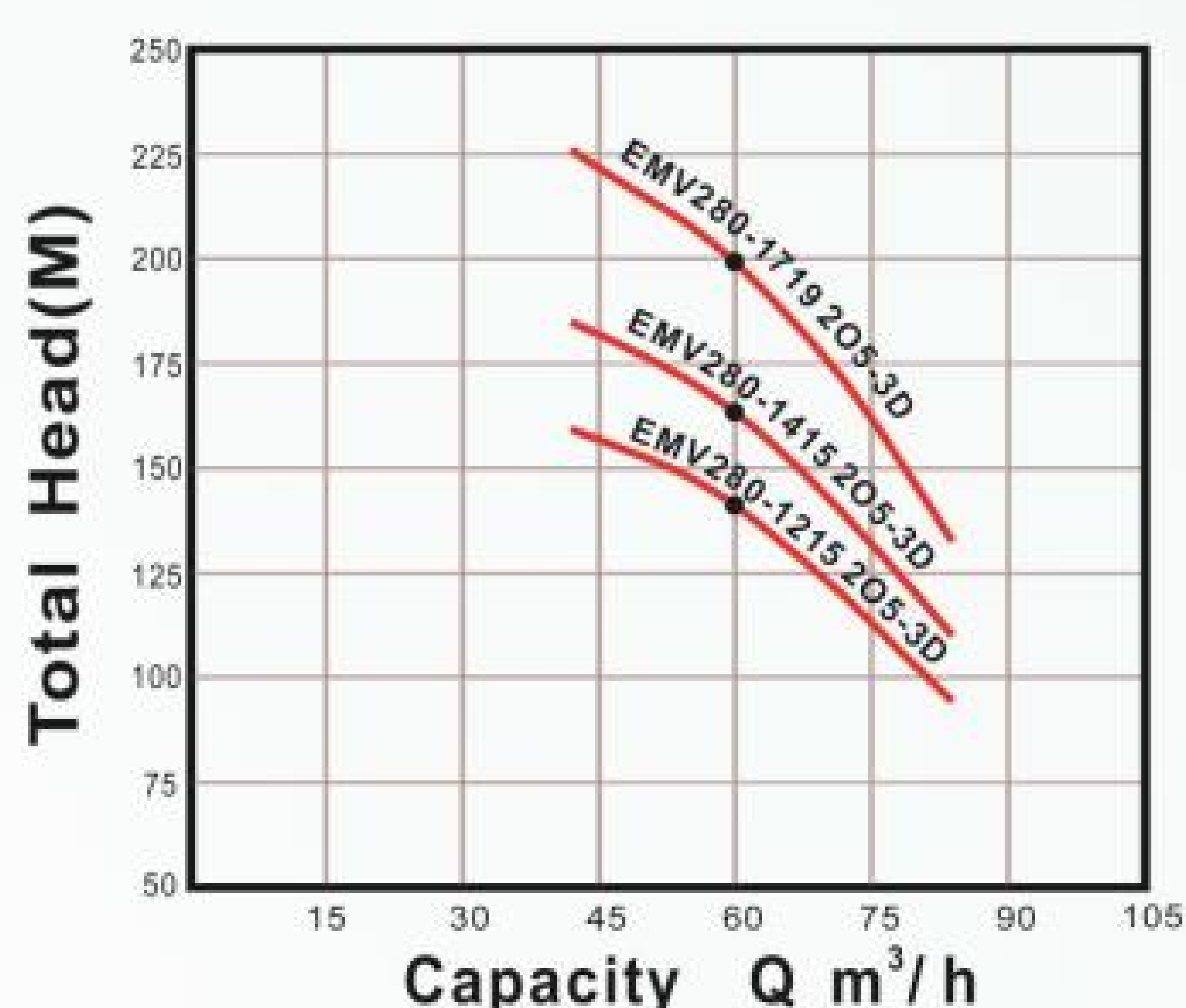


TYPE	POWER	BORE	Q										WEIGHT
	HP(kW)	INCH(mm)		1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5		KG
SMV225-111.1 205	1½ (1.1)	1" (25)	H (m)	95	92	86	79	70	61	51	41		29
SMV225-131.5 205	2 (1.5)			112	110	102	94	85	73	61	48		33
SMV225-151.5 205	2 (1.5)			130	126	119	108	96	86	69	56		35
SMV225-182.2 205	3 (2.2)			157	153	144	132	117	104	87	72		39
SMV225-222.2 205	3 (2.2)			192	187	175	160	143	135	105	85		43

TYPE	POWER	BORE	Q	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5	WEIGHT
	HP(kW)	INCH(mm)		X2								KG
EMV250-111.1 205D	1½ (1.1)	2" (50)	H (m)	95	92	86	79	70	61	51	41	68
EMV250-131.5 205D	2 (1.5)			112	110	102	94	85	73	61	48	77
EMV250-151.5 205D	2 (1.5)			130	126	119	108	96	86	69	56	80
EMV250-182.2 205D	3 (2.2)			157	153	144	132	117	104	87	72	88
EMV250-222.2 205D	3 (2.2)			192	187	175	160	143	135	105	85	96

Characteristic curve

Three machines



EMV -3D

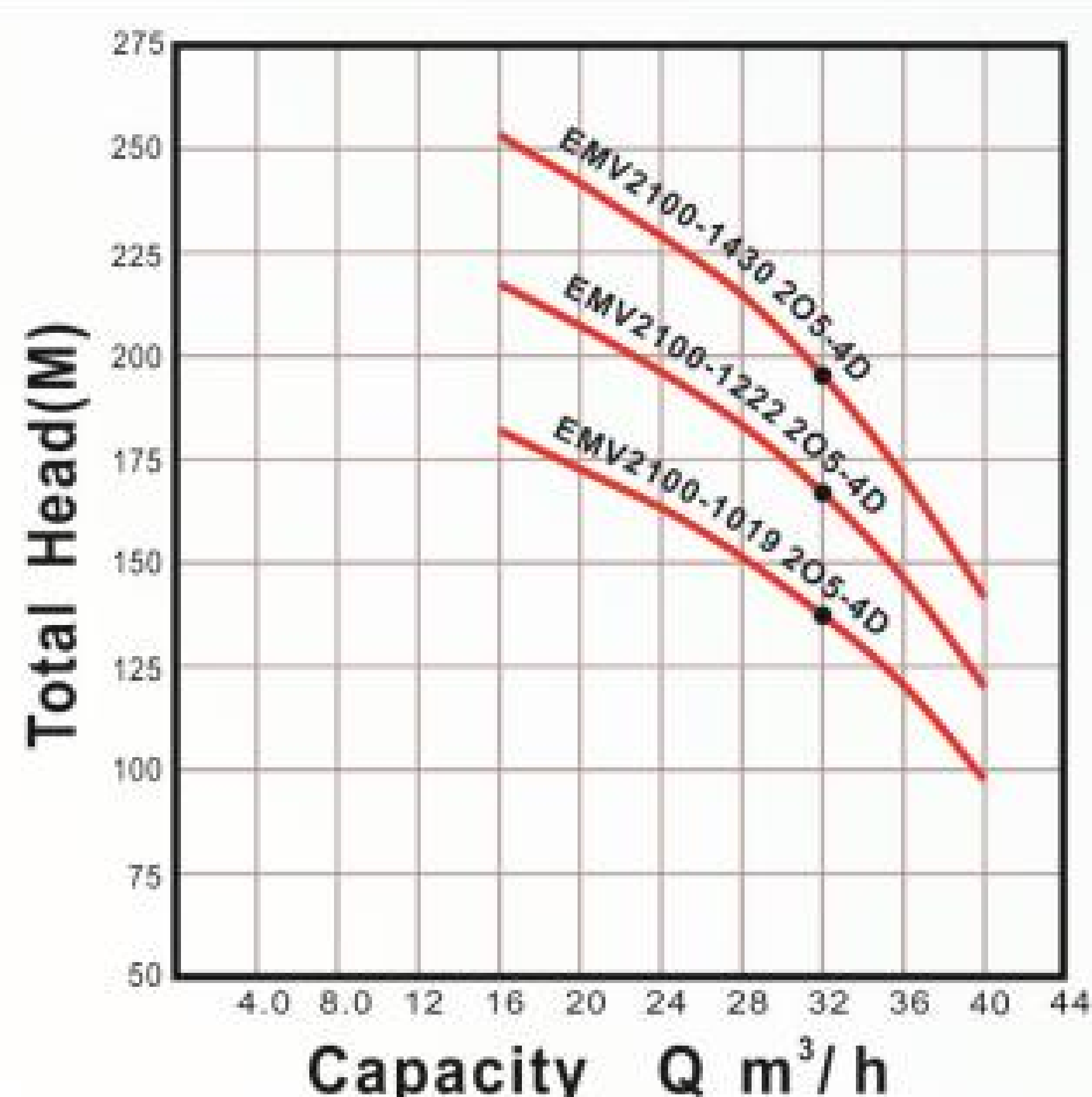


TYPE	POWER	BORE	Q (m³/h)	14	16	18	20	22	24	26	28	WEIGHT KG
	HP(kW)	INCH(mm)										
SMV250-1215 205	20 (15)	2" (50)	H (m)	159	154	149	142	131	120	107	94	144
SMV250-1415 205	20 (15)			185	179	173	164	153	139	125	110	147
SMV250-1719 205	25 (19)			226	218	210	200	186	172	153	133	161

TYPE	POWER	BORE	Q	14	16	18	20	22	24	26	28	WEIGHT
	HP(KW)	INCH(MM)	(M³/H)	X3								KG
EMV280-1215 205-3D	20 (15)	3" (80)	H (m)	159	154	149	142	131	120	107	94	442
EMV280-1415 205-3D	20 (15)			185	179	173	164	153	139	125	110	451
EMV280-1719 205-3D	25 (19)			226	218	210	200	186	172	153	133	493

Characteristic curve

Four machines



EMV -4D



TYPE	POWER	BORE	Q (m³/h)	16	20	24	28	32	36	40	WEIGHT KG
	HP(kW)	INCH(mm)									
SMV265-1019 205	25 (19)	2½" (65)	H (m)	182	173	164	152	138	122	98	222
SMV265-1222 205	30 (22)			218	208	196	184	167	147	120	263
SMV265-1430 205	40 (30)			255	242	229	216	196	172	142	331

TYPE	POWER	BORE	Q	16	20	24	28	32	36	40	WEIGHT
	HP(KW)	INCH(MM)		(M³/H)	X4						
EMV2100-1019 205-4D	25 (19)	4*(100)	H (m)	182	173	164	152	138	122	98	898
EMV2100-1222 205-4D	30 (22)			218	208	196	184	167	147	120	1062
EMV2100-1430 205-4D	40 (30)			255	242	229	216	196	172	142	1334



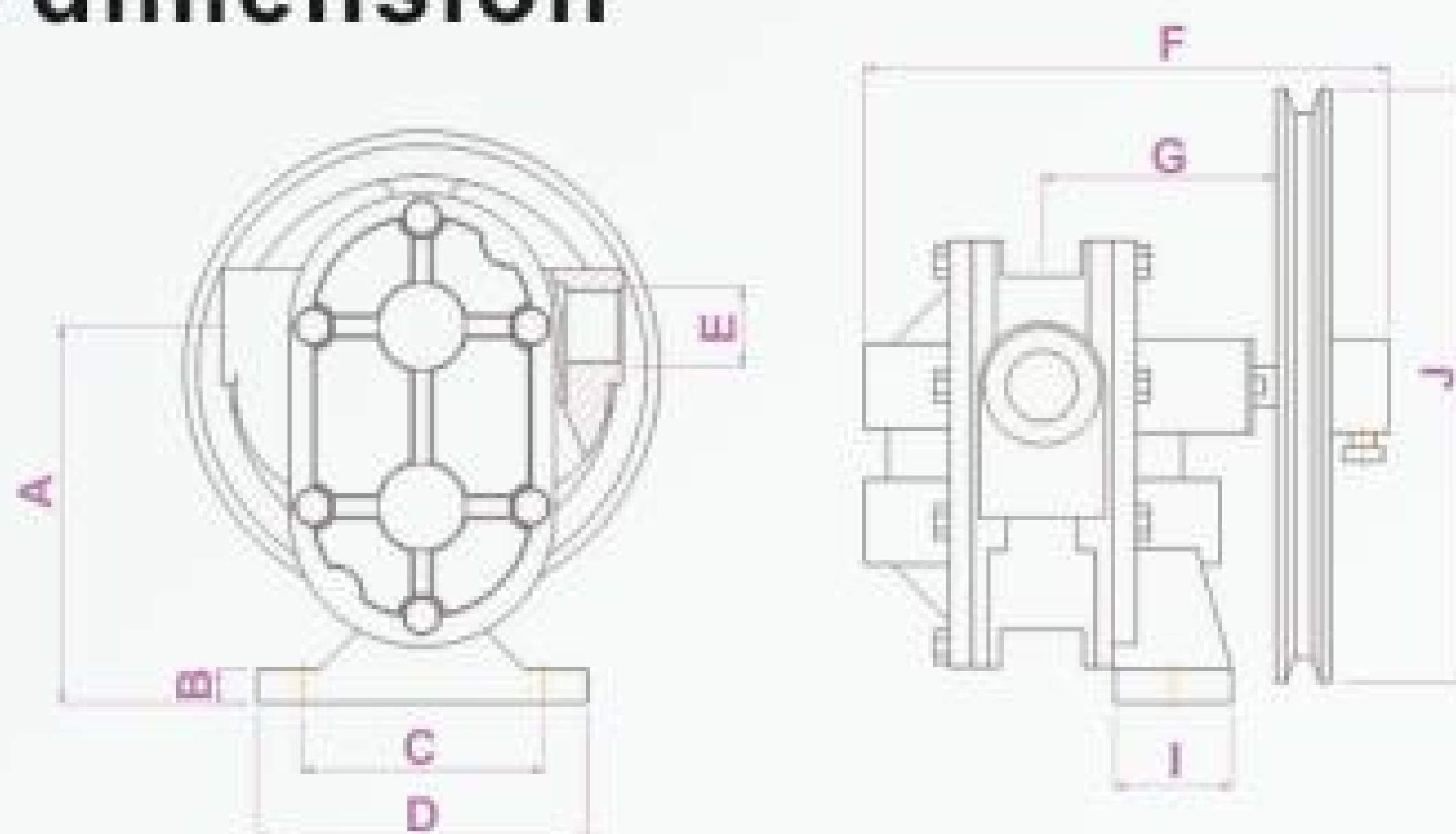
Product Usage



Characteristic

- Pumping and transporting a variety of petroleum products.
- Automatic vacuum suction.
- Simple structure and easy maintenance.

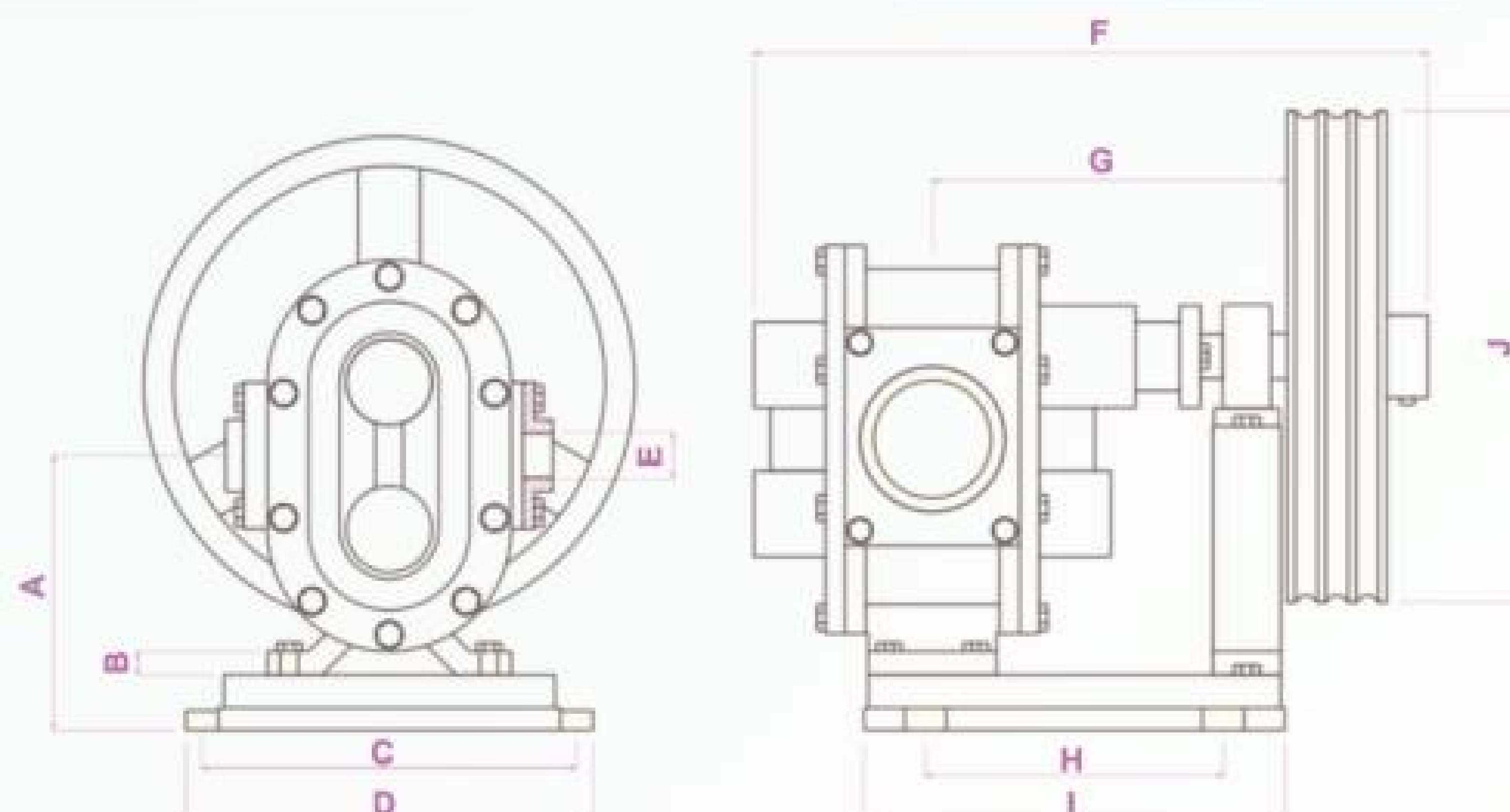
Physical dimension



TYPE	A	B	C	D	E	F	G	I	J	SHAFT DIAMETER	NUMBER OF GROOVES
A06 CU1-012	102	10	55	85	21	160	72	65	178(7")	14	1A
A06 CU1-020	130	12	101	140	27	202	93	50	255(10")	17	1B
A06 CU1-025	130	12	101	140	33	209	100	50	255(10")	17	1B
A06 CU1-030	130	13	101	140	42	209	130	47	255(10")	17	1B



A06 CU1-012

A06 CU1-020
A06 CU1-025
A06 CU1-030A06 CU1-040
A06 CU1-050

A06 CU1-080

TYPE	A	B	C	D	E	F	G	H	I	J	SHAFT DIAMETER	NUMBER OF GROOVES
A06 CU1-040	190	18	172	203	48	273	120	110	140	305(12")	24	2B
A06 CU1-050	205	18	177	208	60	309	135	129	158	305(12")	24	2B
A06 CU1-080	195	-	270	295	89	447	245	218	305	356(14")	30	3B

Other materials:

Stainless steel
CUS Oil machine gear wheel pump



Specification

TYPE	BORE	POWER	RPM	CAPACITY	PRESSURE	TYPE	BORE	POWER	RPM	CAPACITY	PRESSURE
	INCH(mm)	HP		L/min	kg/cm ²		INCH(mm)	HP		L/min	kg/cm ²
A06 CU1-012	½"(12)	¼ - ½	500	16	2 - 4	A06 CUS-012	½"(12)	½	450	25	3
A06 CU1-020	¾"(20)	½ - 1	500	39	2 - 4	A06 CUS-020	¾"(20)	½ - 1	430	45	4
A06 CU1-025	1"(25)	1 - 2	500	56	2 - 4	A06 CUS-025	1"(25)	1 - 2	430	55	4
A06 CU1-030	1¼"(30)	1 - 2	500	66	2 - 4	A06 CUS-030	1¼"(30)	1 - 3	430	80	4
A06 CU1-040	1½"(40)	2 - 3	500	100	2 - 4	A06 CUS-040	1½"(40)	2 - 3	430	130	4
A06 CU1-050	2"(50)	3 - 5	500	160	2 - 4	A06 CUS-050	2"(50)	3 - 5	430	200	4
A06 CU1-080	3"(80)	5 - 7½	500	230	2 - 4	A06 CUS-080	3"(80)	10 - 15	430	500	4

Optional

● Iron seat

Fixed platform for transmission motors and gear pumps.

Use reference



A35CU1-001

Applicable type	Can be matched with horsepower	
	HP	(kW)
A06 CU1-012	¼~½	0.18~0.37
A06 CU1-020	½~1	0.37~0.75
A06 CU1-025	1~2	0.75~1.5
A06 CU1-030	1~2	0.75~1.5



A35CU1-002

Applicable type	Can be matched with horsepower	
	HP	(kW)
A06 CU1-040	2~3	1.5~2.2
A06 CU1-050	3~5	2.2~3.7



Product Usage



Characteristic

- This type pump is designed in accordance with special water flow, so the delivery of liquid is nice.
- Because there is Protection Device inside the pump to prevent motor from burning.
- Suction head: Max. 6m

Other material:

HCS Stainless steel
Gear pump



UCP Plastic steel
Gear pump



Optional:

- **Waterless power outage device**
When the water pump temperature exceeds 55°C, the power will be automatically cut off.

- **Protective cover**

Protect the pump from the sun and rain



- **L-shaped fixing bracket**

Pump can be mounted on the wall

Material: (Plastic/galvanized/Stainless steel)



A35 CA1-020

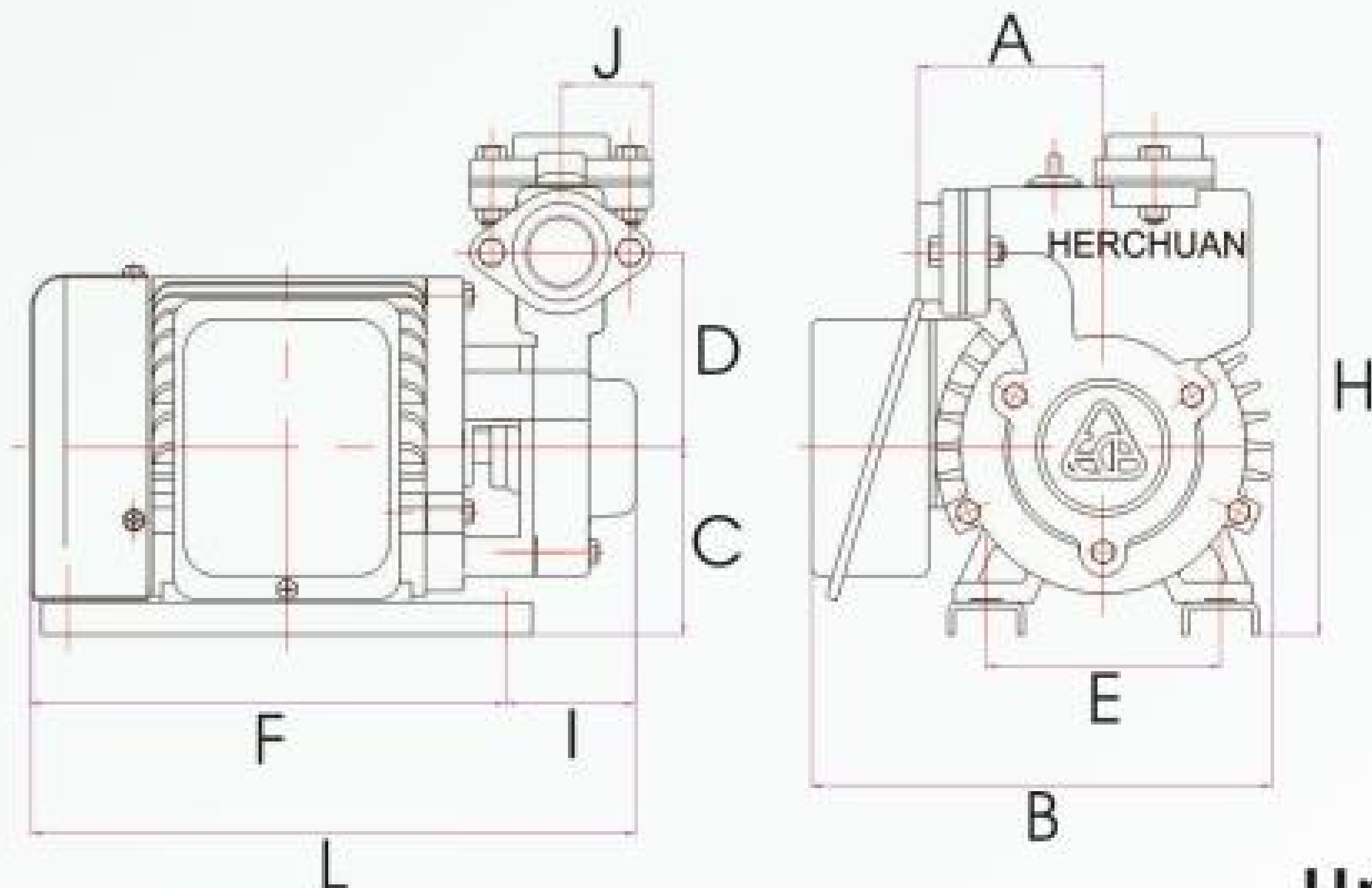


A35 000-00L



A35 304-00L

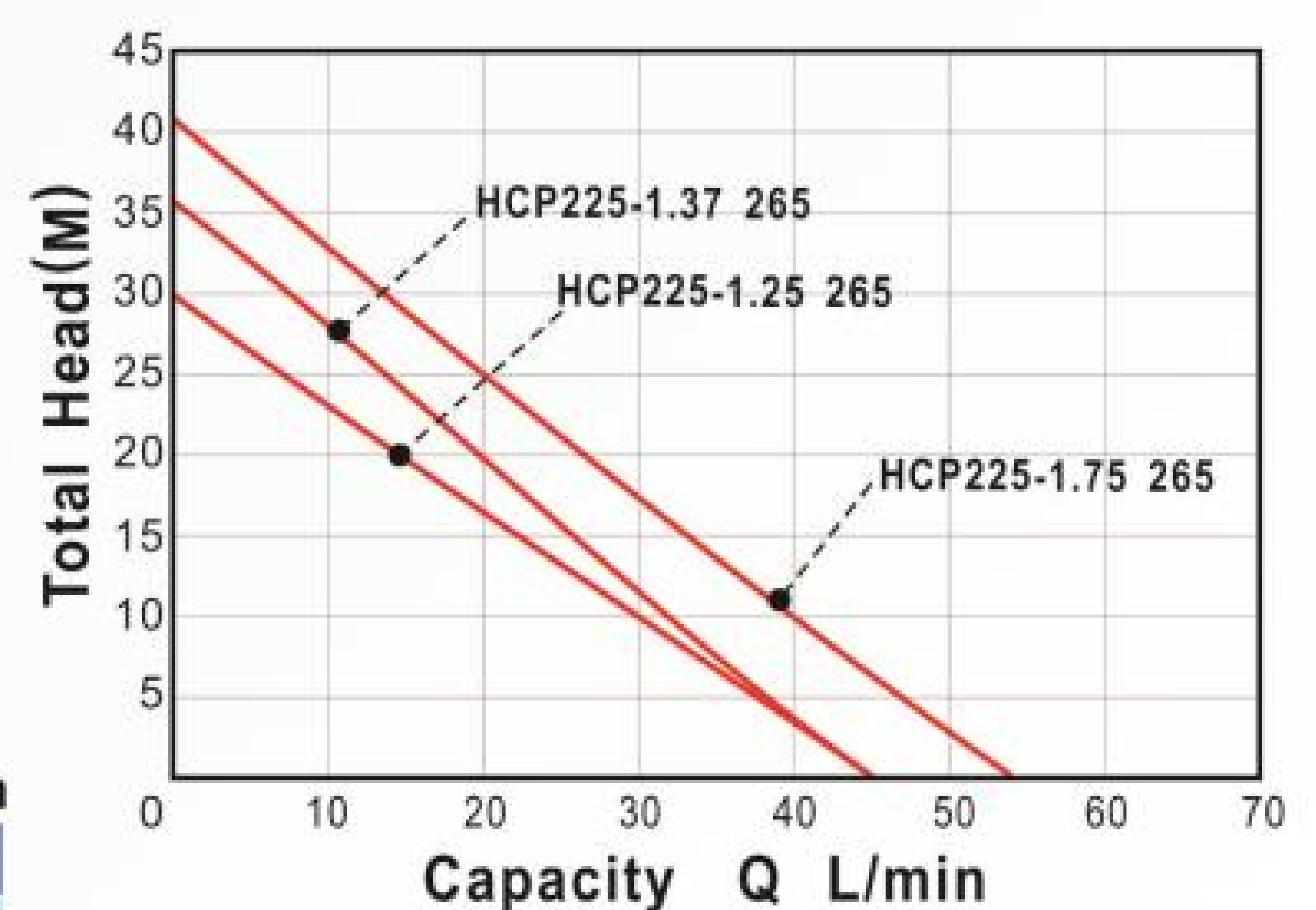
Physical dimension



Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
HCP225-1.25 265	80	175	70	65	100	205	185	65	45	265
HCP225-1.37 265	80	175	70	65	100	205	185	65	45	265
HCP225-1.75 265	90	215	115	65	115	215	235	85	50	305

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	MAX CAPACITY	MAX HEAD	WEIGHT	REMARK
	HP (kW)	INCH(mm)	V	L/min	M	KG	
HCP225-1.25 265	1/3 (0.25)	1" (25)	200 - 240	45	30	7.5	
HCP225-1.37 265	1/2 (0.37)	1" (25)		45	36	9.5	
HCP225-1.75 265	1 (0.75)	1" (25)		54	41	17.5	

HCA Gear type booster pump

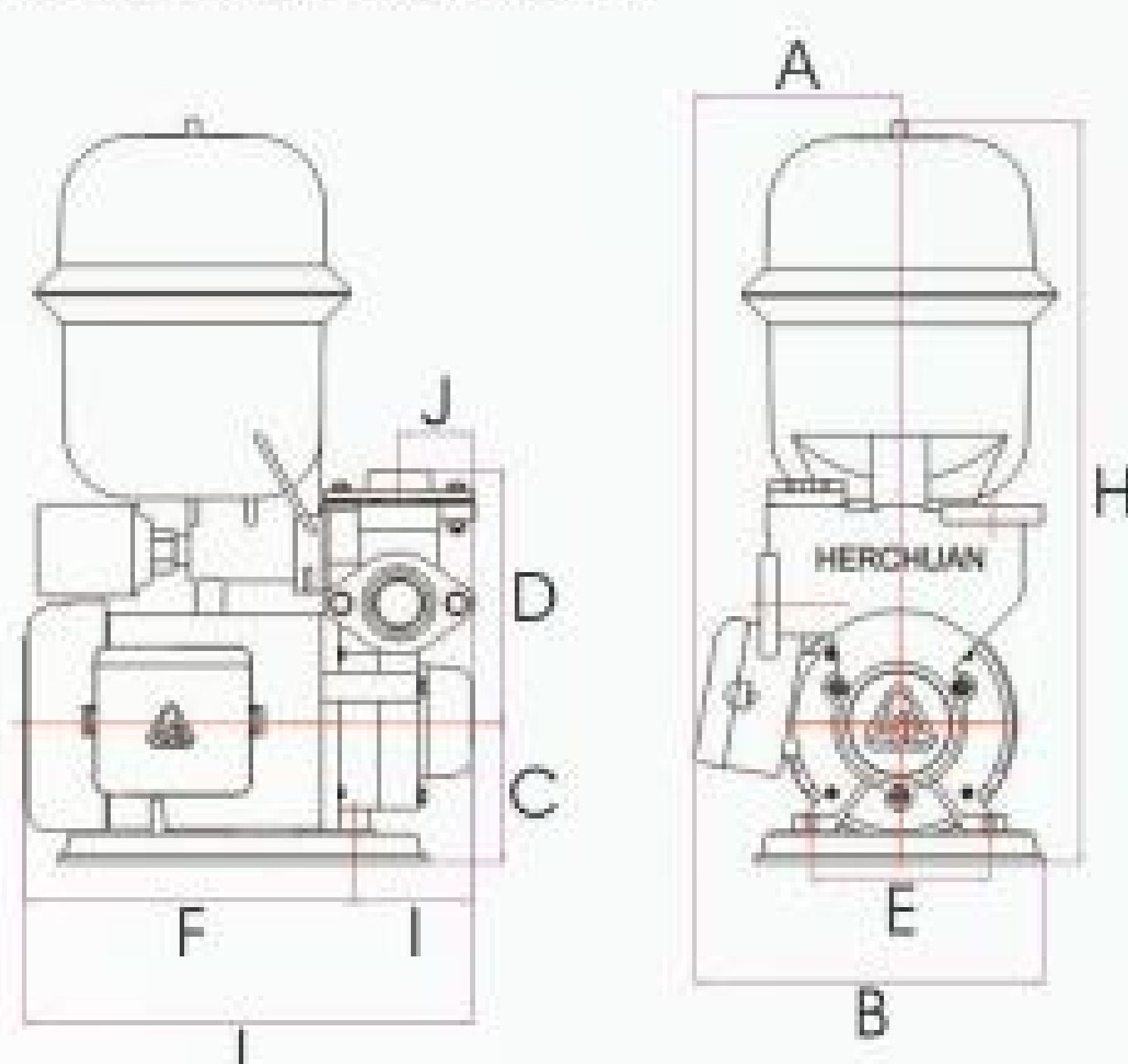


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Characteristic

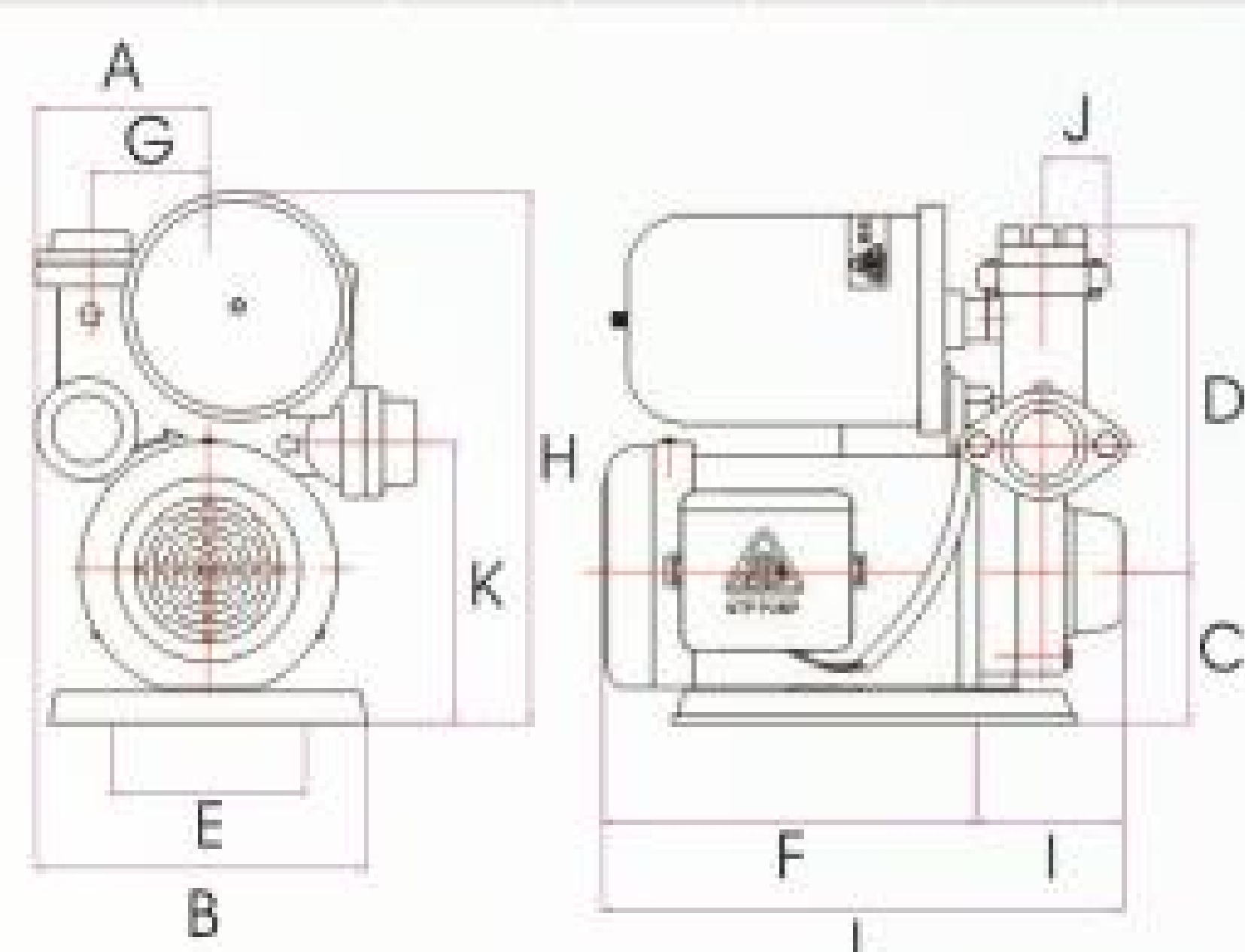
- It will automatically pressurize the water supply when using water, and automatically stop running when no water is needed.

Physical dimension



Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
HCA225-1.25 265	100	195	90	135	100	185	410	65	45	250
HCA225-1.37 265	100	195	90	135	100	200	410	65	45	265
HCA225-1.75 265	130	205	115	145	115	175	445	120	45	305
HCB225-1.25 265	100	195	90	160	100	185	375	65	45	250
HCB225-1.37 265	100	195	90	135	100	200	400	65	45	265
HCB225-1.75 265	130	205	115	145	115	175	415	120	45	305



Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L	G	K
HCF225-1.25 265	85	155	80	155	100	185	265	65	40	250	60	145
HCF225-1.37 265	85	155	80	155	100	200	265	65	40	265	60	145

Other material:

HCB Gear type booster pump
with stainless steel pressurized barrel

HCC Stainless steel Gear type booster pump
with stainless steel pressurized barrel

HCF Exquisite type Gear type booster pump

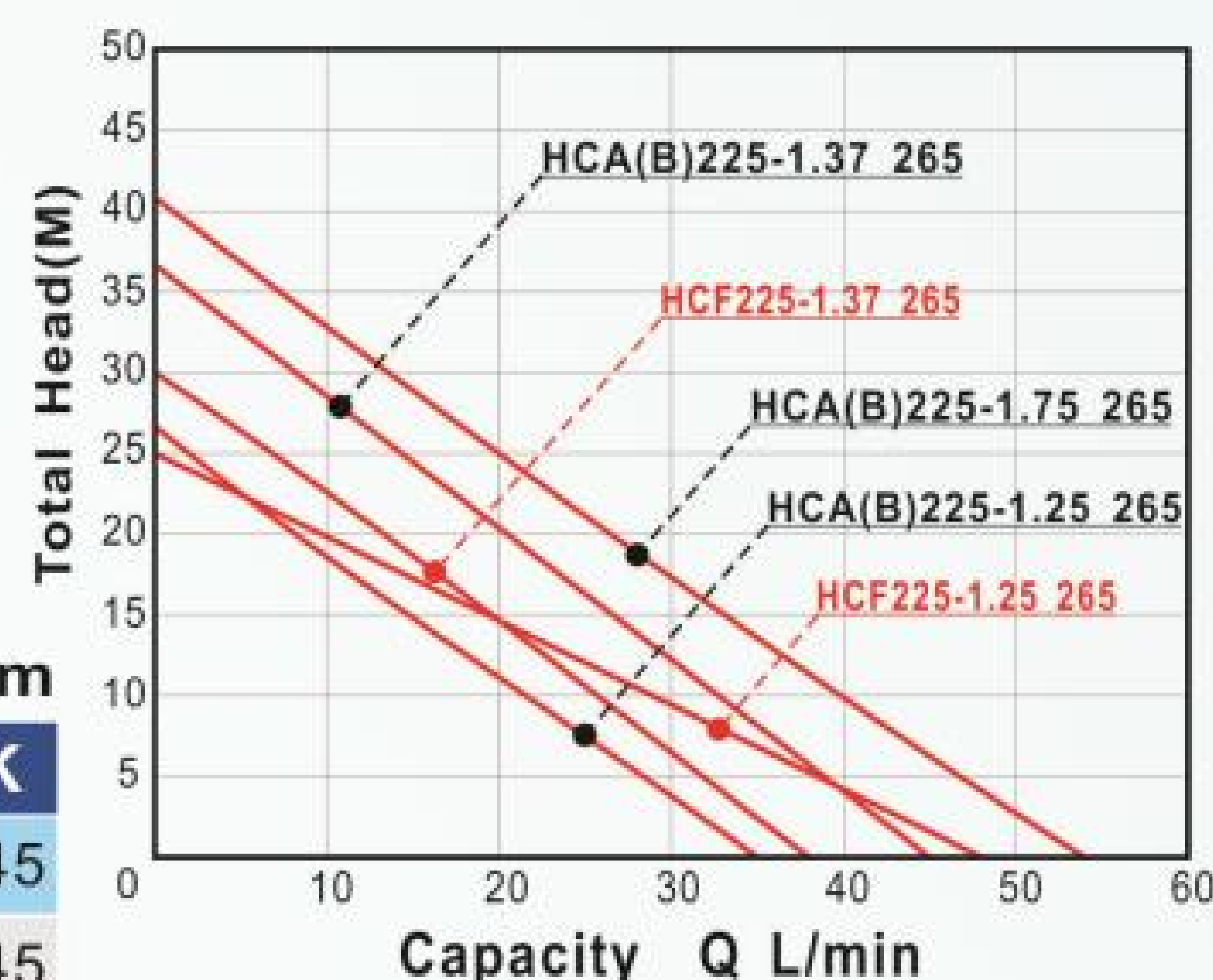


Optional:

- Waterless power outage device**
When the water pump temperature exceeds 55°C, the power will be automatically cut off.
- Protective cover**
Protect the pump from the sun and rain



Characteristic curve



TYPE	POWER	BORE	VOLTAGE	MAX CAPACITY	MAX HEAD	WEIGHT	REMARK
	HP (kw)	INCH(mm)	V	L/min	M	KG	
HCA225-1.25 265	1/3 (0.25)	1" (25)	200 - 240	35	26	9.5	
HCA225-1.37 265	1/2 (0.37)	1" (25)		45	36	12	
HCA225-1.75 265	1 (0.75)	1" (25)		54	41	19.5	
HCF225-1.25 265	1/2 (0.37)	1" (25)		48	25	11	
HCF225-1.37 265	1/2 (0.37)	1" (25)		38	30	11	



Product Usage



■ ½ HP TYPE:

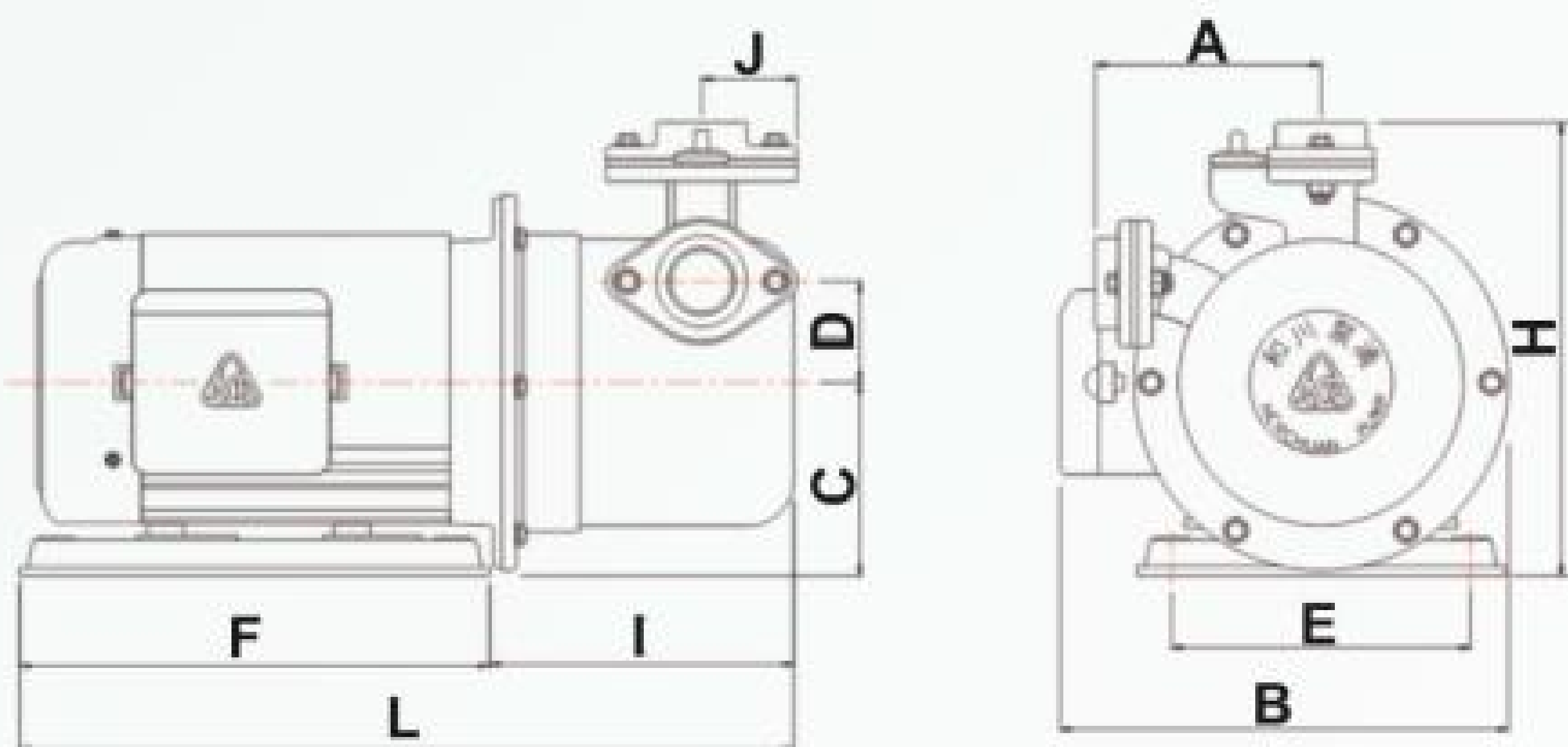
LJP Jet pump
Aluminum alloy motor



Characteristic

- This type of pump adopts the "jet" design, which has good water pumping adaptability and large flow water supply. More suitable for deep pumps than ordinary gear pumps.
- This type of pump is made of polyoxymethylene and stainless steel, so there are no copper oxidation or corrosion problems, ensuring a long service life. Long service life and no pollution inside the pump.
- This type of pump has exquisite structure, small size and easy installation.

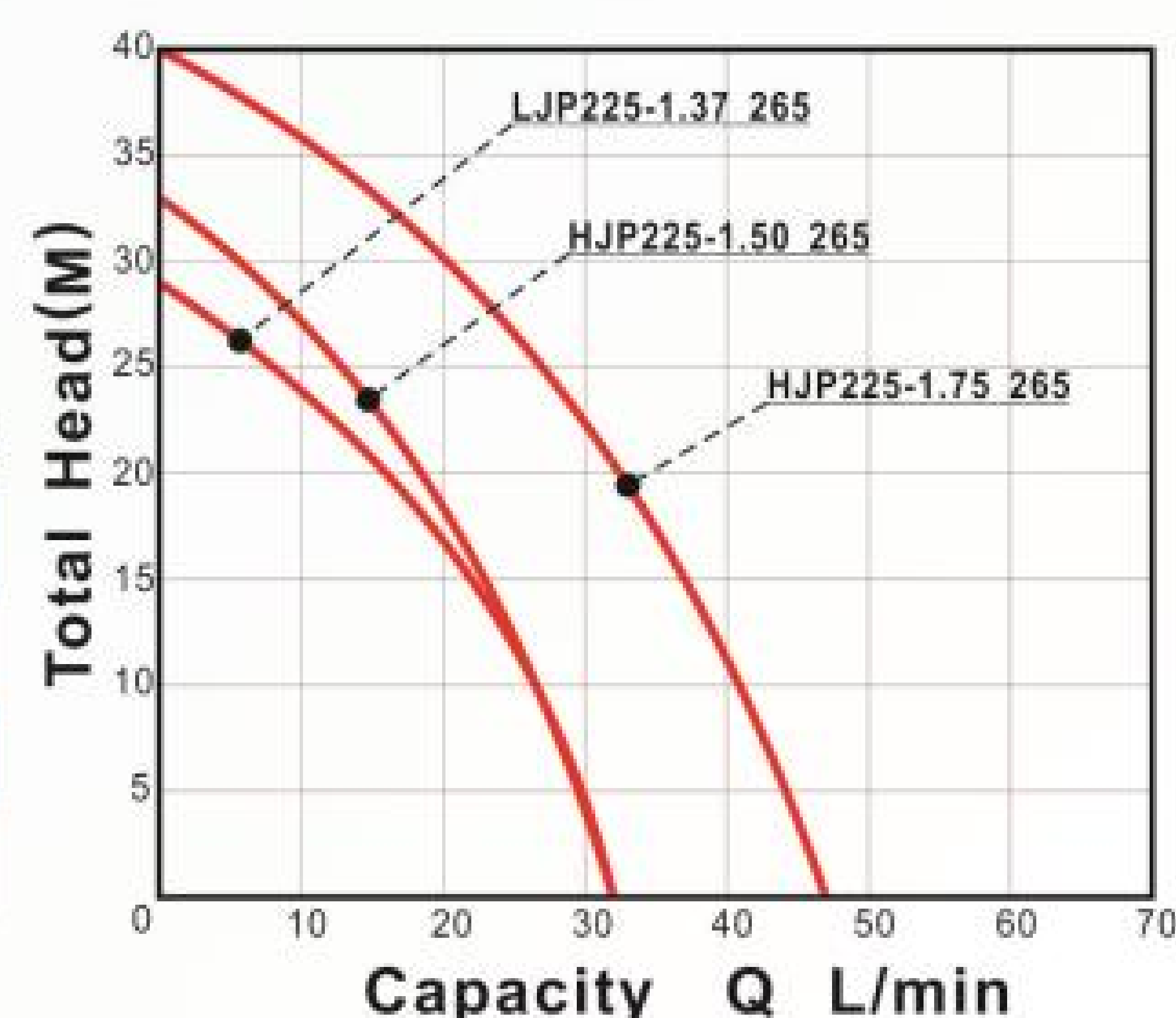
Physical dimension



Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
LJP225-1.37 265	100	196	90	45	130	207	195	135	45	345
HJP225-1.50 265	100	205	95	45	130	207	195	135	45	345
HJP225-1.75 265	100	232	120	45	110	120	205	187	45	375

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	MAX CAPACITY	MAX HEAD	WEIGHT	REMARK
	HP (kw)	INCH(mm)	V	L/min	M	KG	
LJP225-1.37 265	½ (0.37)	1" (25)	200 - 240	32	29	8.5	
HJP225-1.50 265	⅔ (0.50)	1" (25)		32	33	14	
HJP225-1.75 265	1 (0.75)	1" (25)		47	40	17	

HJA Jet pressure pump



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Optional:

- **Waterless power outage device**
When the water pump temperature exceeds 55°C, the power will be automatically cut off.
- **TECO Motor**
High efficiency (1HP model only)
- **L-shaped fixing bracket**
Pump can be mounted on the wall
Material: (Plastic/galvanized/Stainless steel)



A35 CA1-020

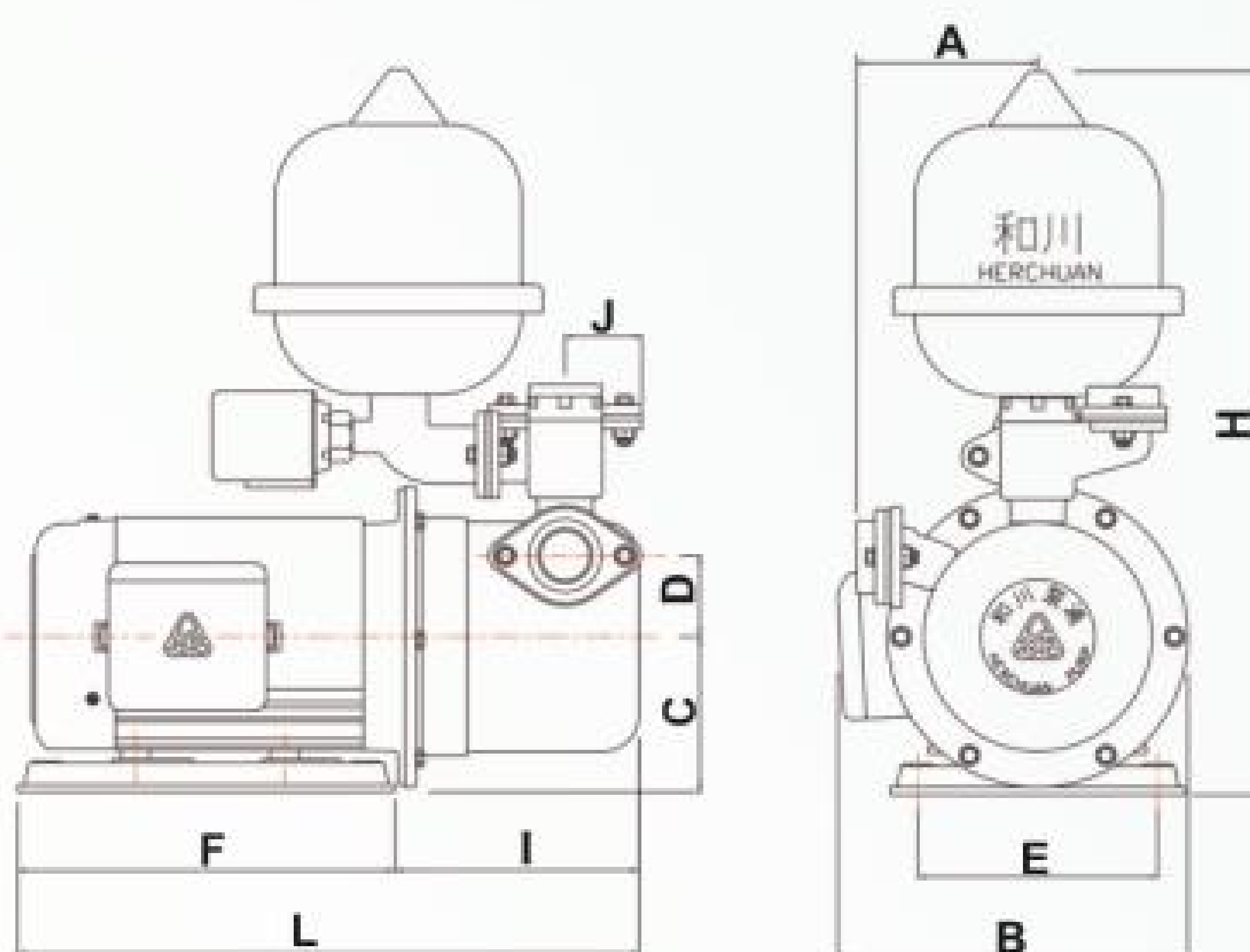


A35 000-00L



A35 304-00L

Physical dimension



Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
LJA225-1.37 265	115	196	90	45	130	207	420	135	45	345
HJA225-1.50 265	120	205	95	45	130	207	420	135	45	345
HJA225-1.75 265	100	232	120	45	110	120	415	187	45	375

1/2 HP TYPE:

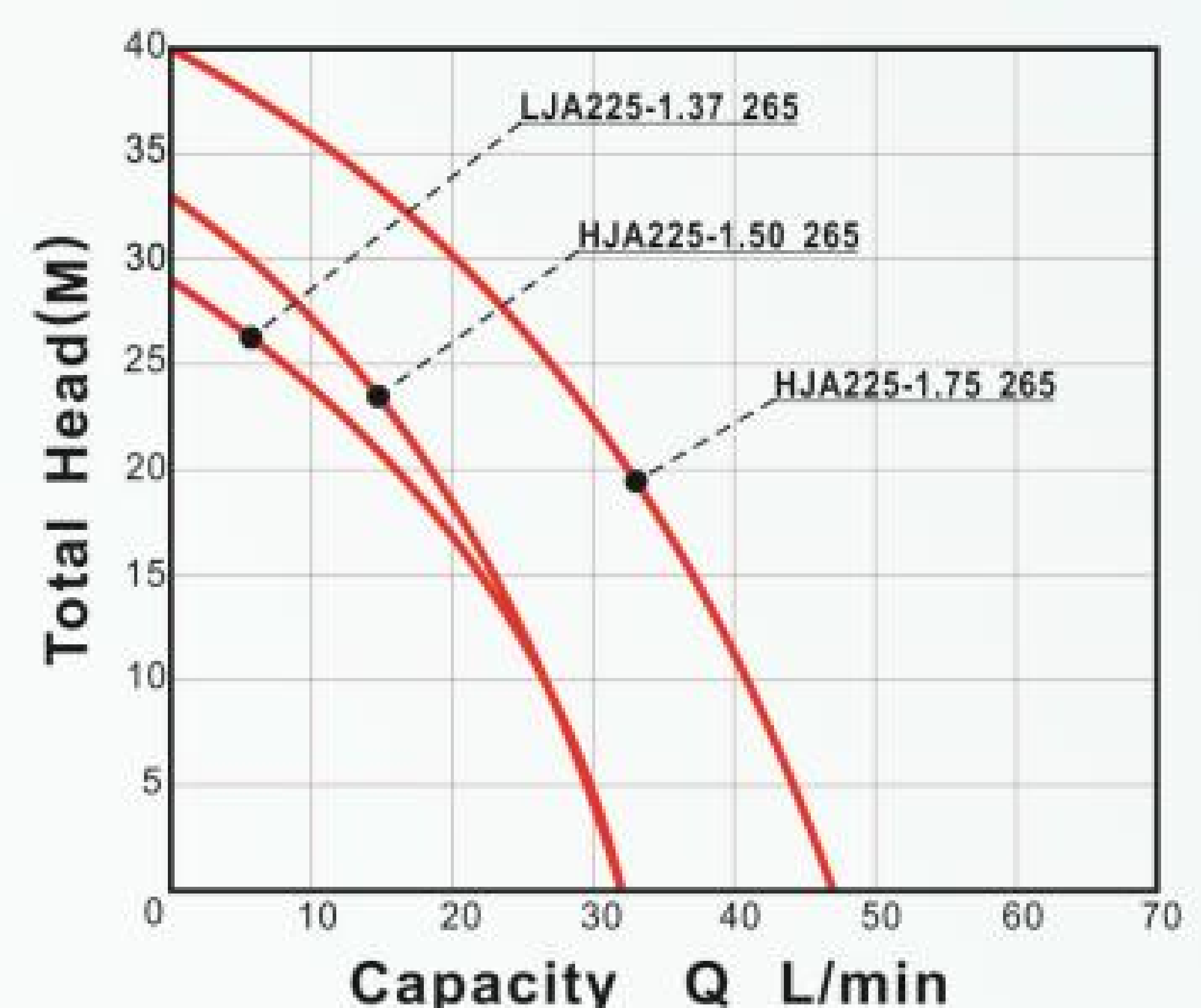
LJA Jet pump
Aluminum alloy motor



Characteristic

- Automatically pressurizes water supply when there is water, and automatically stops operation when there is no water.

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	MAX CAPACITY	MAX HEAD	WEIGHT	REMARK
	HP (kw)	INCH(mm)	V	L/min	M	KG	
LJA225-1.37 265	1/2 (0.37)	1" (25)	200 - 240	32	29	9.5	
HJA225-1.50 265	2/3 (0.50)	1" (25)		32	33	16	
HJA225-1.75 265	1 (0.75)	1" (25)		47	40	18	



Product Usage



Characteristic

- Capable of sieving out sand, overheat-proof.
- Long lift, high flow rate of water, low consumption of electricity.
- Economic, durable, easy-to-maintain.

SUSPENDEND SUBMERSIBLE PUMP 4"

TYPE	MOTOR		BORE	STAGES	PHASE	CAPACITY												PUMP DIMENSION	
						L/min	50	60	70	80	90	100	120	140	160	LENGTH (mm)	WEIGHT (KG)		
	m³/h	3.0				3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.0						
	TOTAL HEAD																		
SWS250-91.5	2	1.5	2	2"	9	1-3	H (M)	64	57	56	53	52	47	40	28	13	490	4.0	

HIGH PRESSURE PUMP 4"

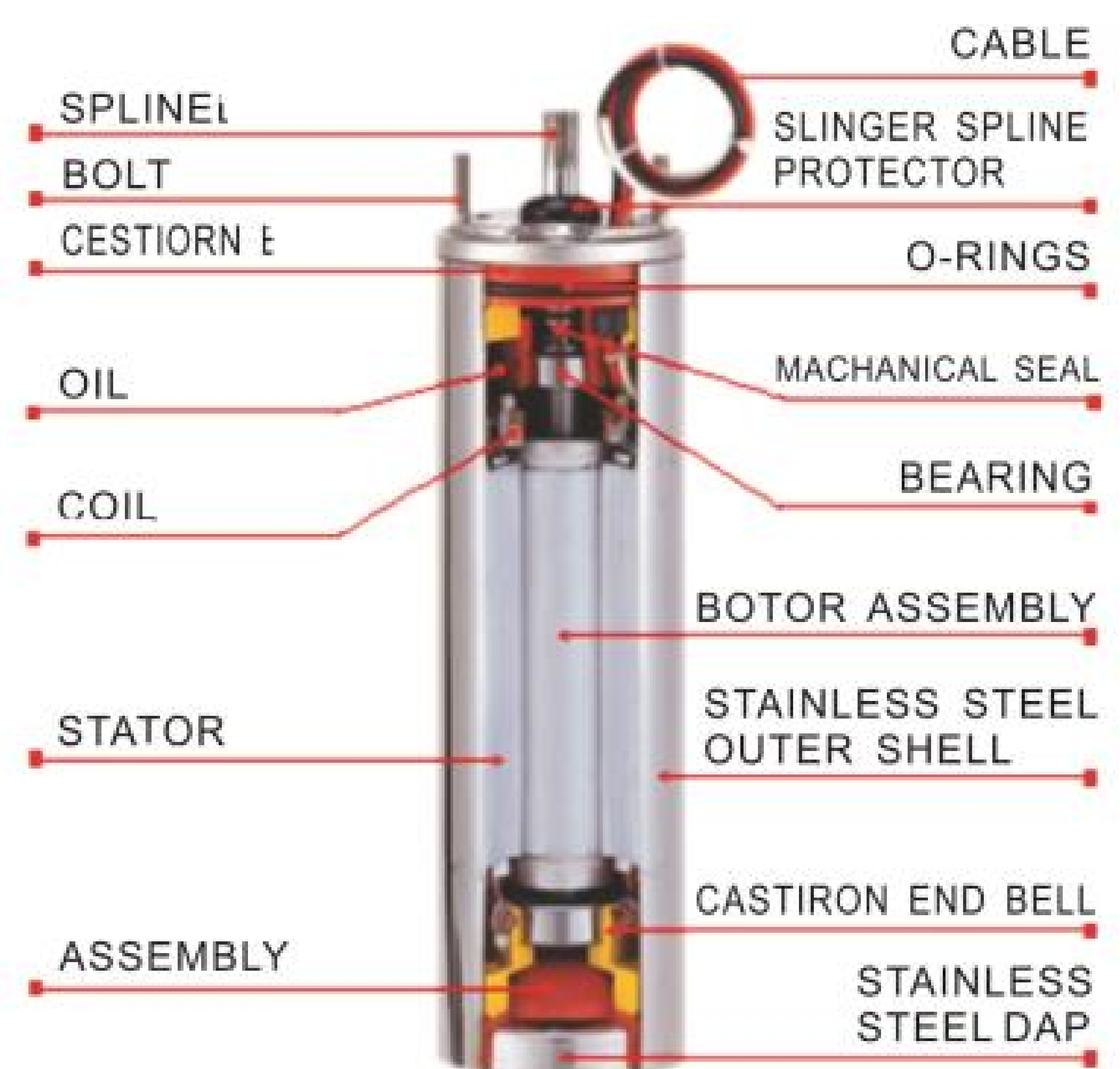
TYPE	MOTOR		BORE	STAGES	PHASE	CAPACITY														PUMP DIMENSION		
						L/min	0	70	80	90	100	120	140	160	180	200	220	240	260	LENGTH (mm)	WEIGHT (KG)	
	m³/h	0				4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6					
	TOTAL HEAD																					
SWS250-71.5	2	1.5	2	2"	7	1-3	H (M)	45	40	39	38	36	33	29	26	23	20	15	10	5	511	4.1
SWS250-142.2	2	2.2	3	2"	14	1-3		90	78	76	73	70	64	57	52	47	40	30	20	10	858	6.8
SWS250-183.7	2	3.7	5	2"	18	3		117	105	100	97	93	85	77	68	62	52	41	28	12	1091	8.6
SWS250-325.5	2	5.5	7.5	2"	32	3		204	178	173	168	160	147	132	119	106	92	72	50	38	1787	14.3

LARGE CAPACITY PUMP 4"

TYPE	MOTOR		BORE	STAGES	PHASE	CAPACITY											PUMP DIMENSION		
						L/min	0	100	120	140	160	180	200	220	240	260	LENGTH (mm)	WEIGHT (KG)	
	m³/h	0				6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6					
	TOTAL HEAD																		
SWS250-102.2	2	2.2	3	2"	10	1-3	H (M)	64	54	52	47	43	38	33	28	23	17	683	6.0
SWS250-143.7	2	3.7	5	2"	14	3		91	78	74	69	62	56	50	43	35	26	930	8.0
SWS250-195.5	2	5.5	7.5	2"	19	3		125	108	104	97	87	79	71	63	53	40	1190	10.5

BULKY PUMP 6"

TYPE	MOTOR		BORE	STAGES	PHASE	CAPACITY														PUMP DIMENSION		
						L/min	0	200	300	400	500	600	700	800	900	1000						
	m³/h	0				12	18	24	30	36	42	48	54	60				LENGTH (mm)	WEIGHT (KG)			
	TOTAL HEAD																					
SWS280-45.5	2	5.5	7.5	3"	4	3	H (M)	55	50	46	42	40	37	32	26	16					714	11
SWS280-57.5	2	7.5	10	3"	5	3		70	62	58	53	50	47	42	33	21					852	13
SWS280-711	2	11	15	3"	7	3		97	86	80	73	69	65	56	43	27					1176	18
SWS280-915	2	15	20	3"	9	3		127	113	105	95	90	85	75	58	38					1447	22





Product Usage



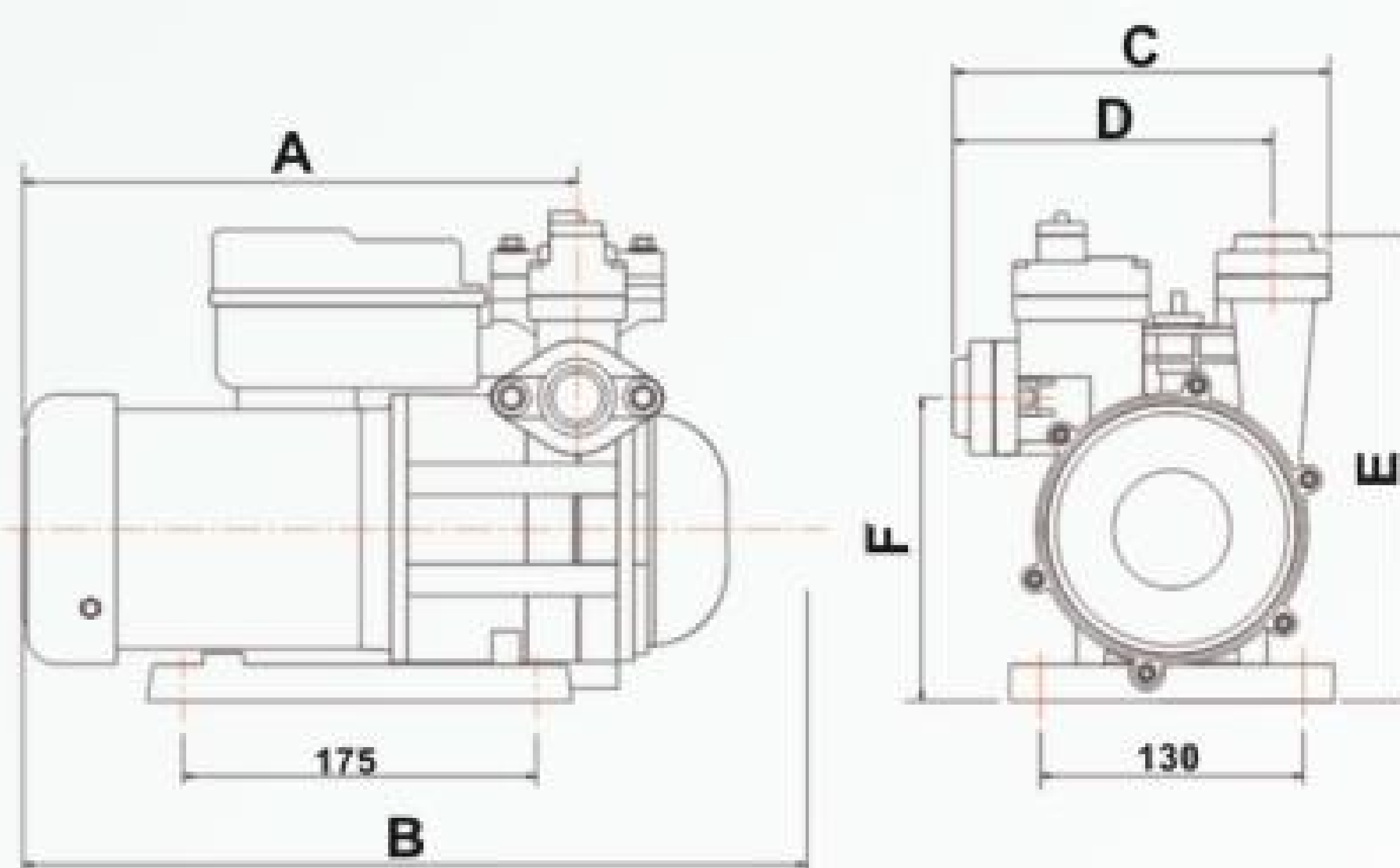
Conditions of use

- Ambient temperature : Max.+40°C
- Liquid temperature : +4°C~+40°C
- Inhale : Max.6m

Characteristic

- The pump has a built-in temperature protection switch to prevent the pump from idling when the water source is insufficient.
- When the water temperature exceeds 55°C, the pump will automatically power off.

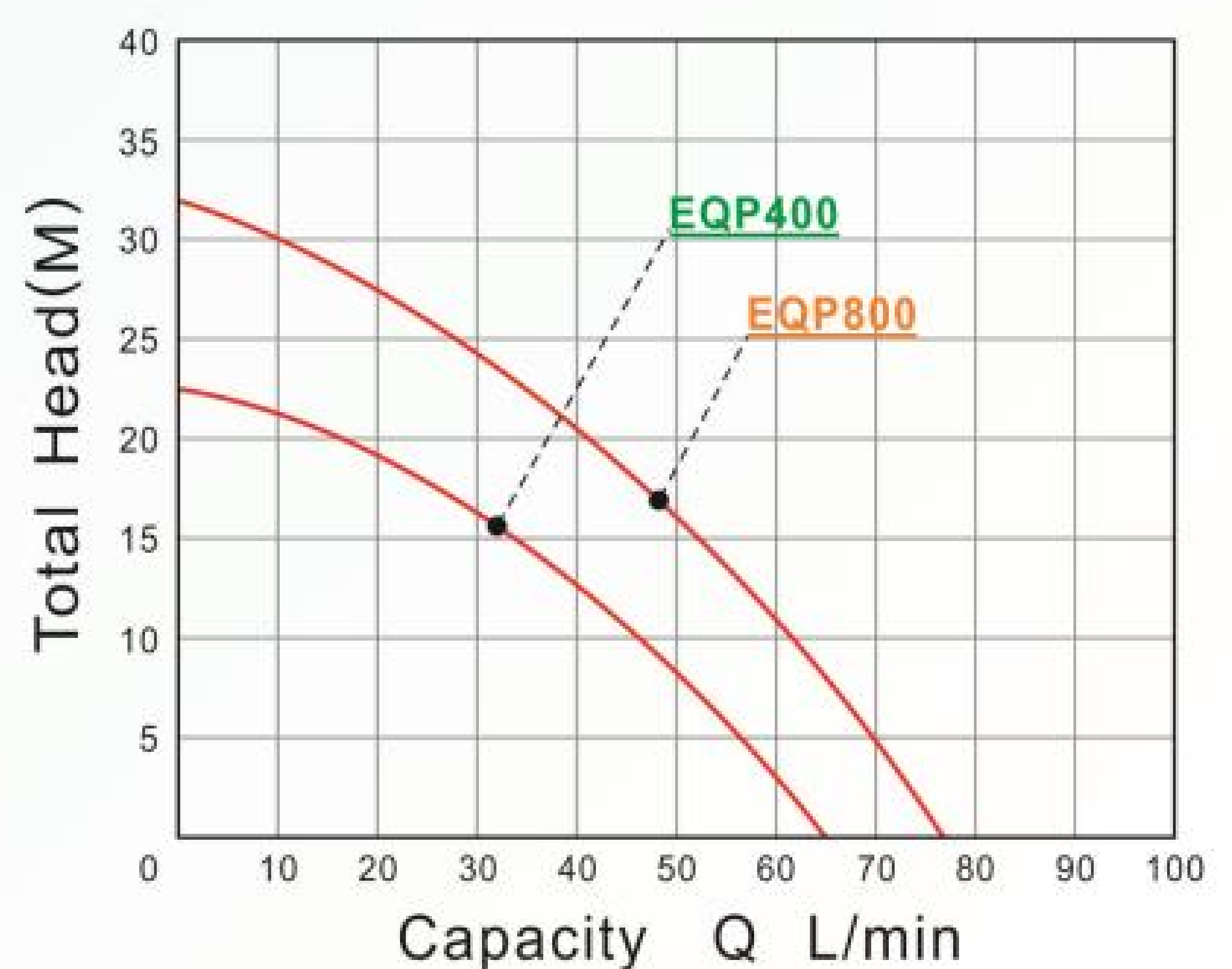
Physical dimension



Unit:mm

TYPE	A	B	C	D	E	F
EQP225-3.37 265	280	365	185	158	230	151
EQP225-4.75 265	280	390	185	158	230	151

Characteristic curve



TYPE	POWER		BORE INCH(mm)	VOLTAGE V	MAX AMPS A	MAX HEAD M	MAX CAPACITY L/min	SERIES
	HP(kW)							
EQP225-3.37 265	½ (0.37)		1" (25)	220-240	2.6	23	64	EQP400
EQP225-4.75 265	1 (0.75)		1" (25)	220-240	3.8	32	76	EQP800

EQA Electronic pressurized pump



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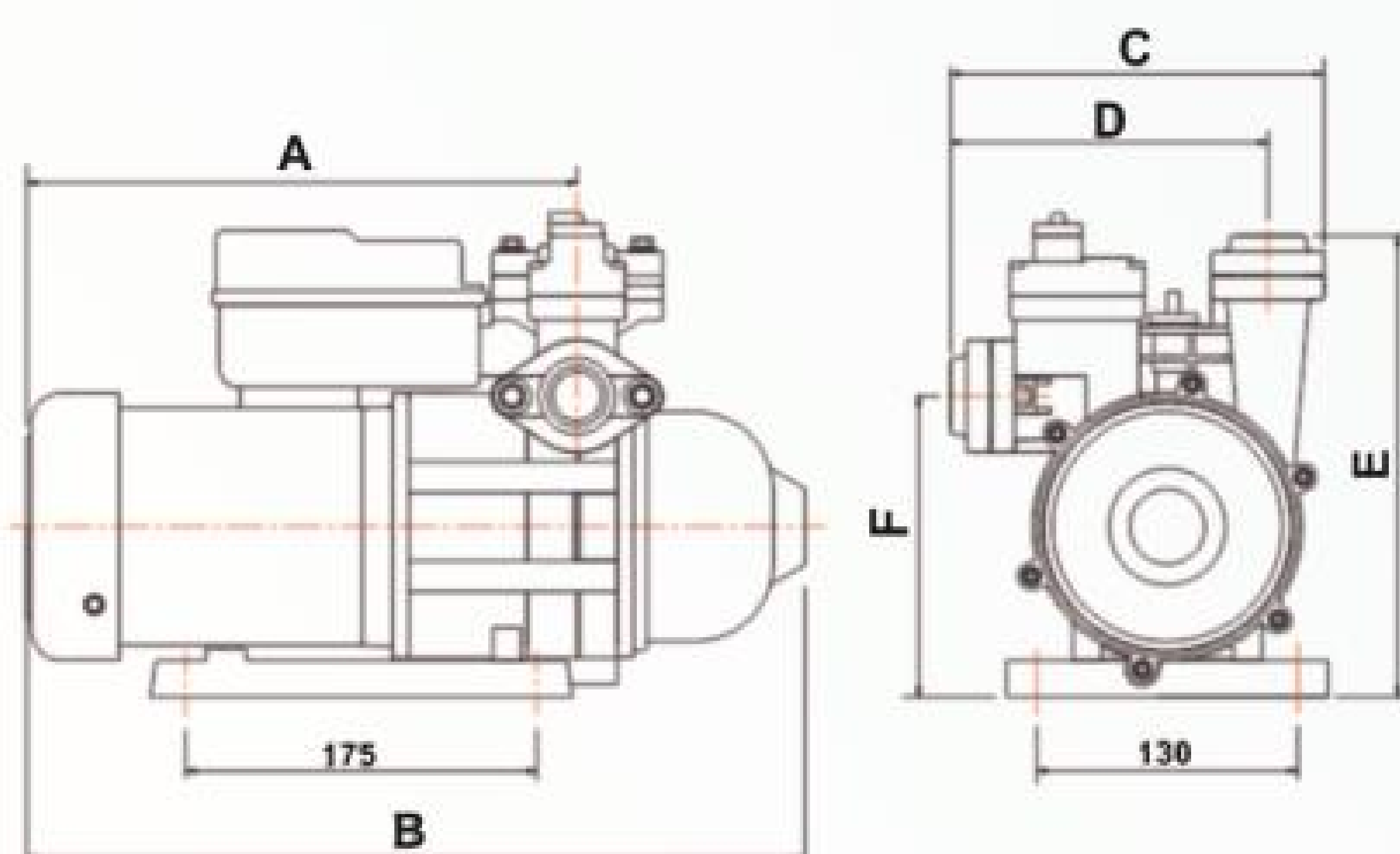
Conditions of use

- Ambient temperature : Max.+40°C
- Liquid temperature : +4°C~+40°C
- EQH liquid temperature: +4°C~+80°C
- Inhale : Max.6m
- Inlet pressure :
Must be less than the start value of the pressure switch
- Installation :
The water tower needs to be higher than the pump 5m

Characteristic

- When water is used, the faucet turns on the pressurizer to operate automatically. It runs quietly and maintains a stable water flow with a large amount of water. The water pressurizer will stop automatically when the water is turned off.
- This pump is designed with a computer control circuit.
- The pump has a built-in protection switch.

Physical dimension



Unit:mm

TYPE	A	B	C	D	E	F
EQA220-3.18 265	280	400	185	158	230	151
EQA225-3.37 265	280	400	185	158	230	151
EQA225-4.75 265	330	450	185	158	230	151

Hot water type:

EQH Hot water type Electronic pressurized pump

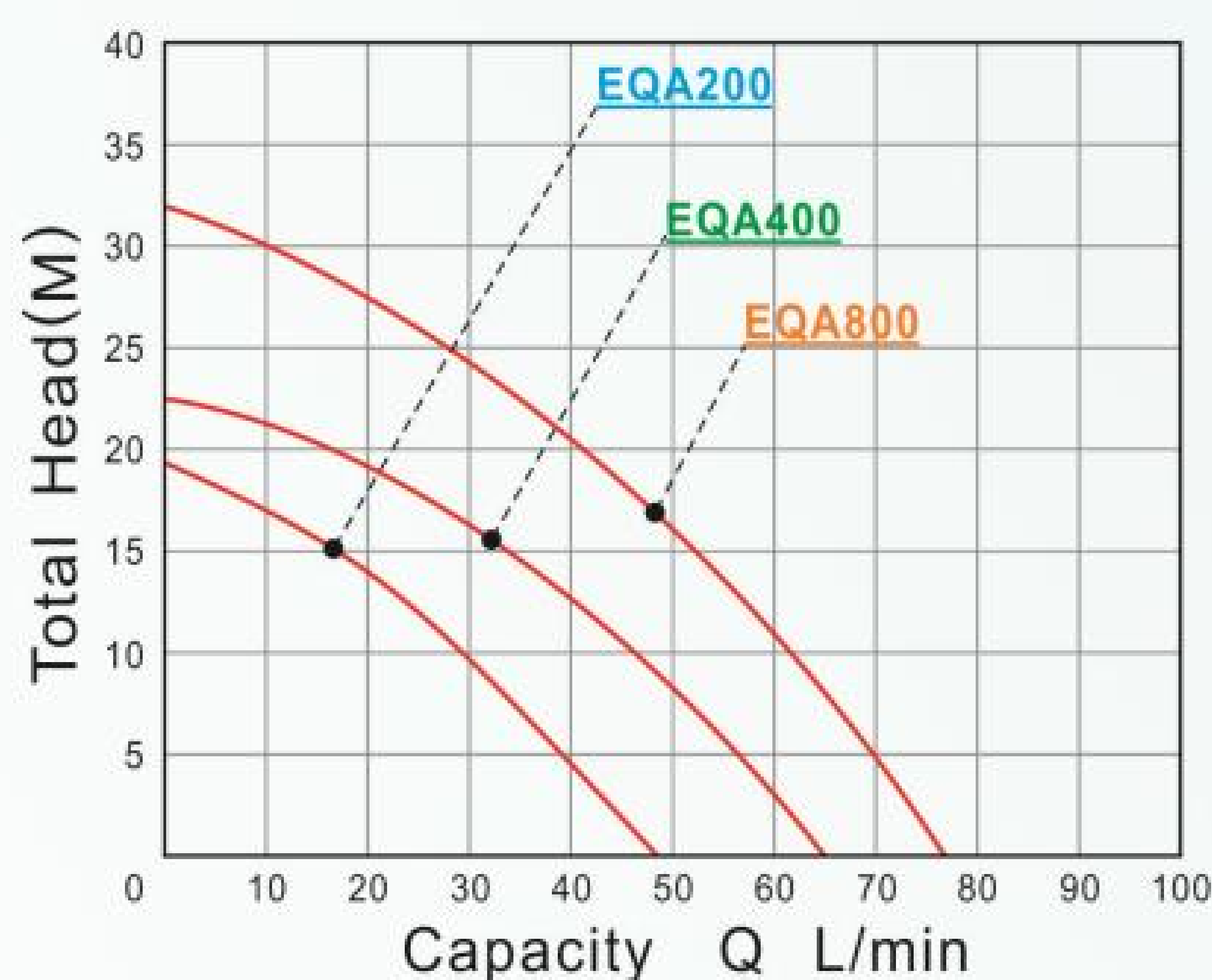


Optional:

- **protective cover**
Protect the pump from the sun and rain
- **L-shaped fixing bracket**
Pump can be mounted on the wall
Material: (Plastic/galvanized/Stainless steel)



Characteristic curve



TYPE	POWER	BORE	VOLTAGE	MAX AMPS	MAX HEAD	MAX CAPACITY	SERIES
	HP(kW)	INCH(mm)	V	A	M	L/min	
EQA220-3.18 265	¼ (0.18)	¾" (20)	220-240	2.0	19	48	EQA200
EQA225-3.37 265	½ (0.37)	1" (25)	220-240	2.6	23	64	EQA400
EQA225-4.75 265	1 (0.75)	1" (25)	220-240	3.8	32	76	EQA800



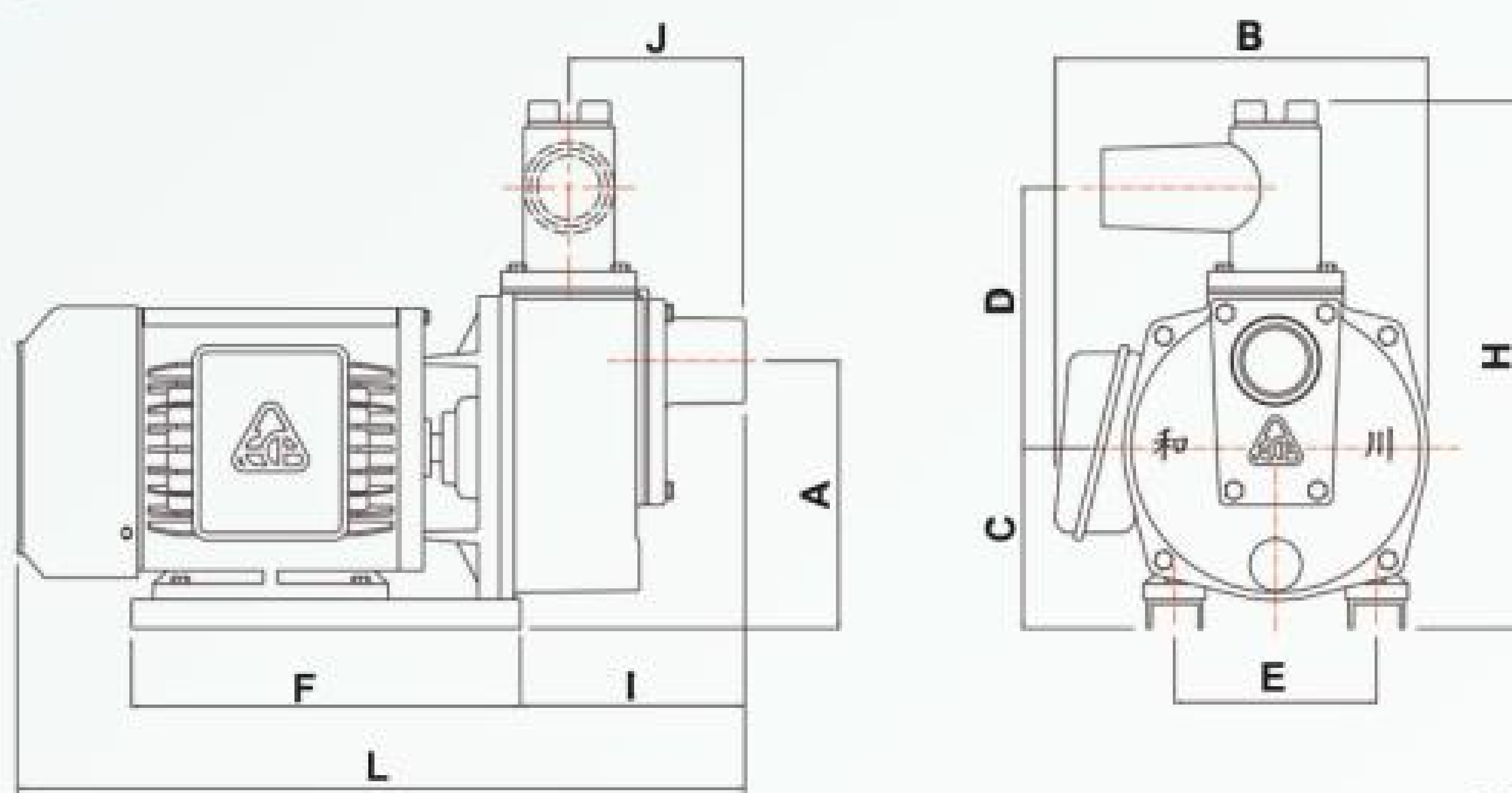
Product Usage



Characteristic

- Semi-open impeller, suitable for transporting sludge and preventing clogging.
- The pump body is designed with an anti-return check valve to prevent cavitation.
- Land-based pump with self-priming capability.

Physical dimension



Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
HSP250-1.75 26(O)5	160	255	120	145	135	270	360	175	125	505
HSP250-11.5 26(O)5	160	270	140	140	140	270	355	185	130	520
HSP280-12.2 26(O)5	190	265	155	220	140	300	435	205	140	540
HSP280-13.7 205	185	285	160	135	190	300	295	230	140	580

■ Water inlet and outlet can be replaced

● flange

● intubation



■ Customizable

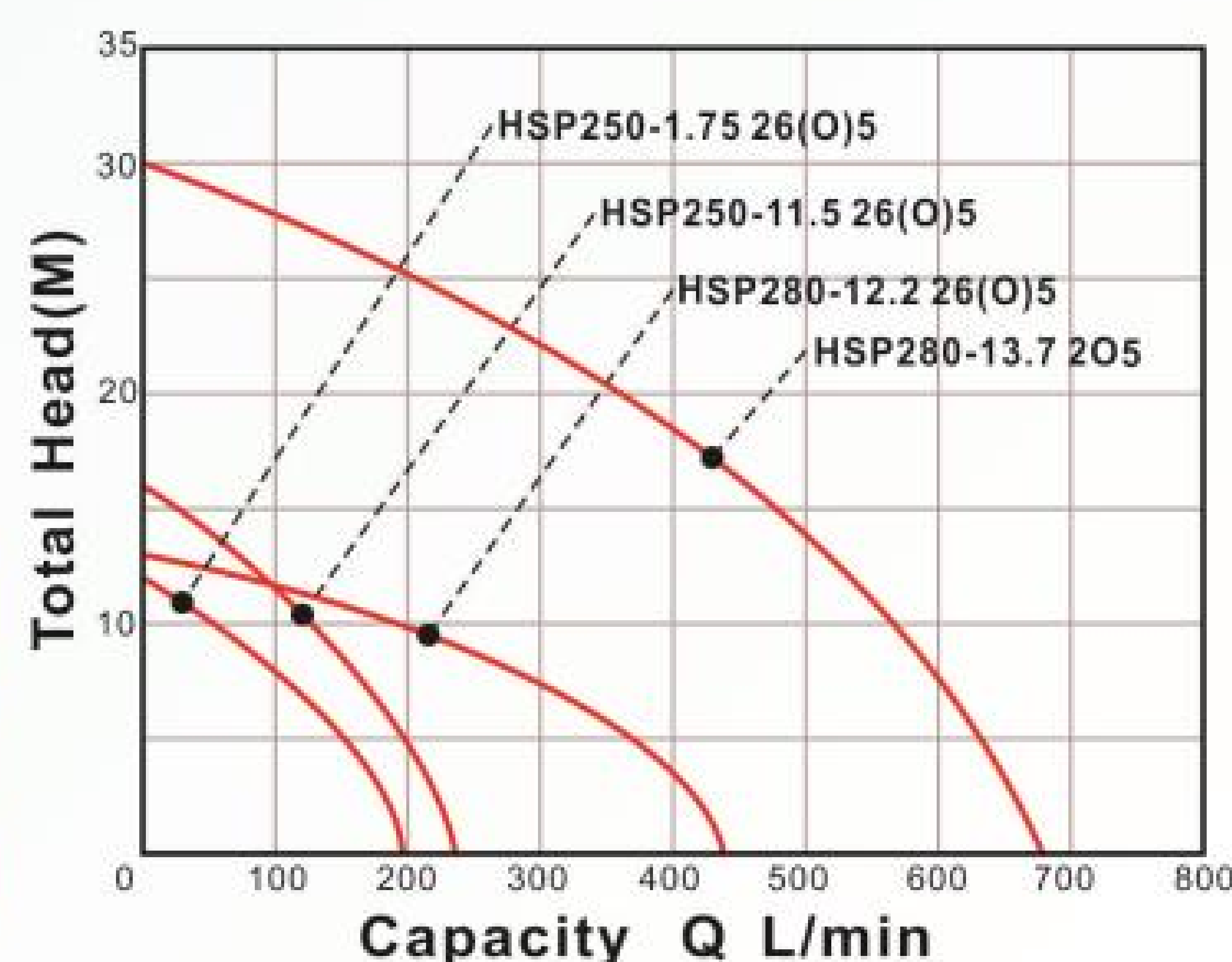
● Shaft seal

Prevents delivery solution from leaking into motor
Material: (tungsten steel/Viton/Sic)

Conditions of Use

- Before the initial start-up, as long as the pump chamber and water inlet pipe are filled with water, and a check valve is installed at the end of the pipe, a low-pressure area will be formed at the water inlet end of the pump during operation. There is no need to install water in the pump chamber and water inlet pipe when starting again. Fill with water.

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	PHASE	MAX CAPACITY	MAX HEAD	WEIGHT
	HP (kW)	INCH(mm)	V	Ø	L/min	M	KG
HSP250-1.75 26(O)5	1 (0.75)	2" (50)	200 - 240 & 380 - 460	1 / 3	193	12	38
HSP250-11.5 26(O)5	2 (1.5)	2" (50)		1 / 3	233	16	42
HSP280-12.2 26(O)5	3 (2.2)	3" (80)		1 / 3	432	13	50
HSP280-13.7 205	5 (3.7)	3" (80)		3	663	30	60

YVP irrigation pump



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Product Usage



Water inlet and outlet can be replaced

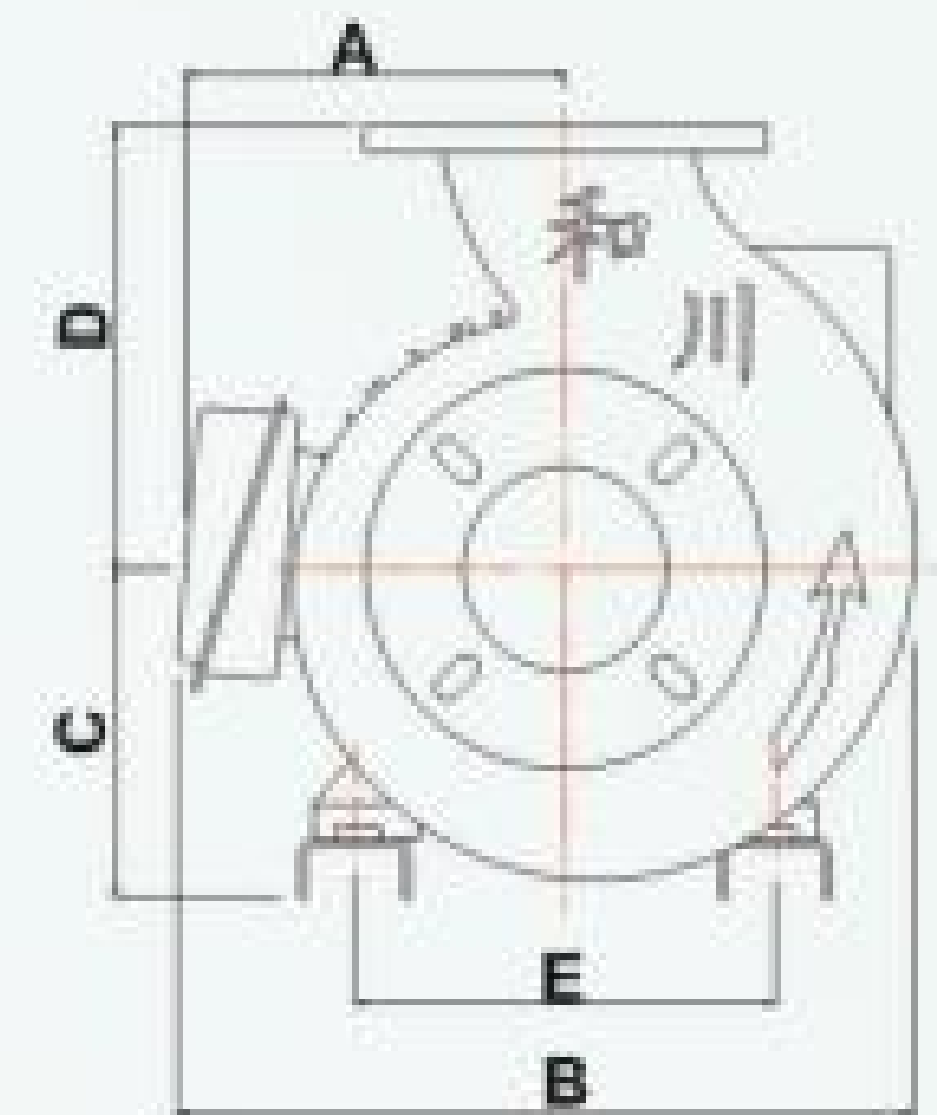
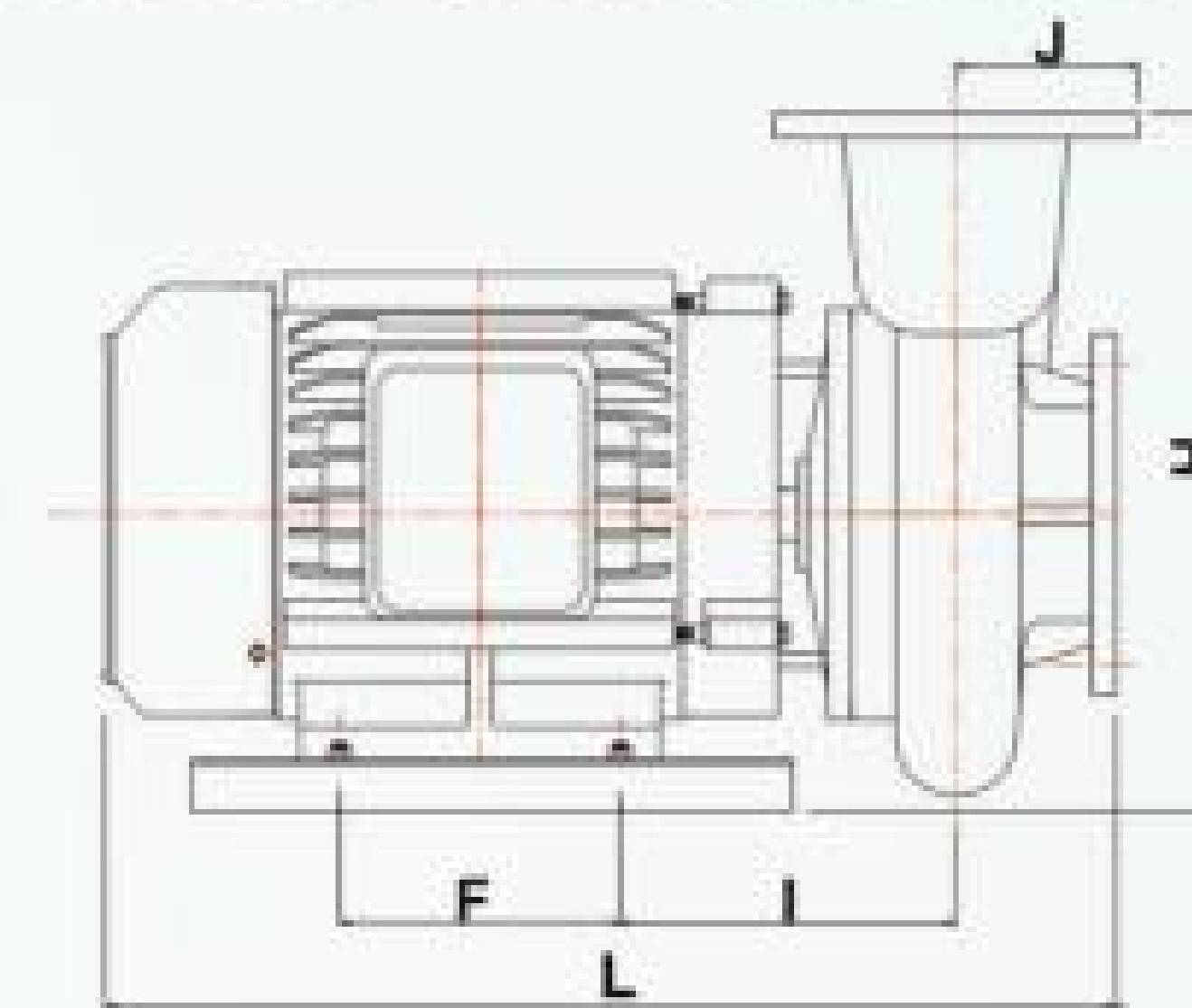
● Straight

● flange

● Bend pipe



Physical dimension



Characteristic

- Good water absorption properties
- Solid ideal fluid design enables efficient water supply and large pumping capacity.

Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
YVP280-12.2 265	150	265	155	145	140	130	300	150	80	495
YVP2100-12.2 265	150	270	155	150	140	125	305	160	90	490
YVP280-12.2 205	150	260	145	145	140	125	290	160	80	475
YVP2100-12.2 205	150	270	155	150	140	125	295	160	90	480

Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
YVP280-12.2 465	170	295	180	155	190	145	335	210	80	490
YVP2100-12.2 465	170	295	170	185	190	140	355	240	90	500
YVP280-12.2 405	170	295	180	155	190	145	335	210	80	480
YVP2100-12.2 405	170	295	170	185	190	145	355	240	90	490
YVP2100-13.7 405	160	290	160	215	185	145	375	165	95	540

2P 50HZ

TYPE	POWER	BORE	VOLTAGE	PHASE	MAX CAPACITY	MAX HEAD	WEIGHT
	HP (kw)	INCH(mm)					
YVP280-12.2 265	3 (2.2)	3"(80)	200 - 240 & 380 - 460	1	1000	16	50
YVP2100-12.2 265	3 (2.2)	4"(100)		1	1135	14	52
YVP280-12.2 205	3 (2.2)	3"(80)		3	1000	16	50
YVP2100-12.2 205	3 (2.2)	4"(100)		3	1135	15	52

4P 50HZ

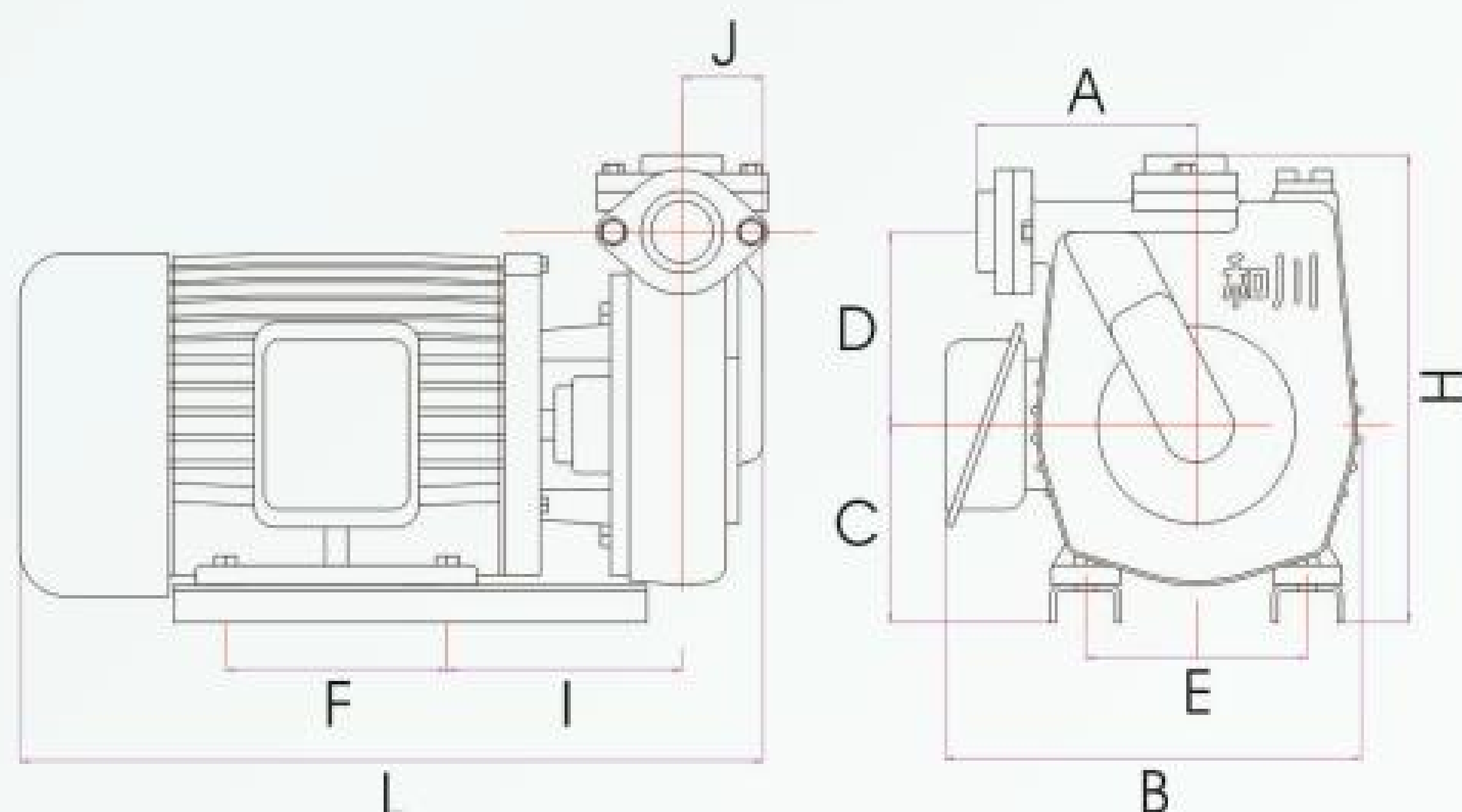
TYPE	POWER	BORE	VOLTAGE	PHASE	MAX CAPACITY	MAX HEAD	WEIGHT
	HP(kw)	INCH(mm)					
YVP280-12.2 465	3 (2.2)	3"(80)	200 - 240 & 380 - 460	1	956	7	53
YVP2100-12.2 465	3 (2.2)	4"(100)		1	1587	8	60
YVP280-12.2 405	3 (2.2)	3"(80)		3	847	7	48
YVP2100-12.2 405	3 (2.2)	4"(100)		3	1587	8	50
YVP280-13.7 405	5 (3.7)	3"(80)		3	1350	11	55
YVP2100-13.7 405	5 (3.7)	4"(100)		3	1606	10	70



Product Usage



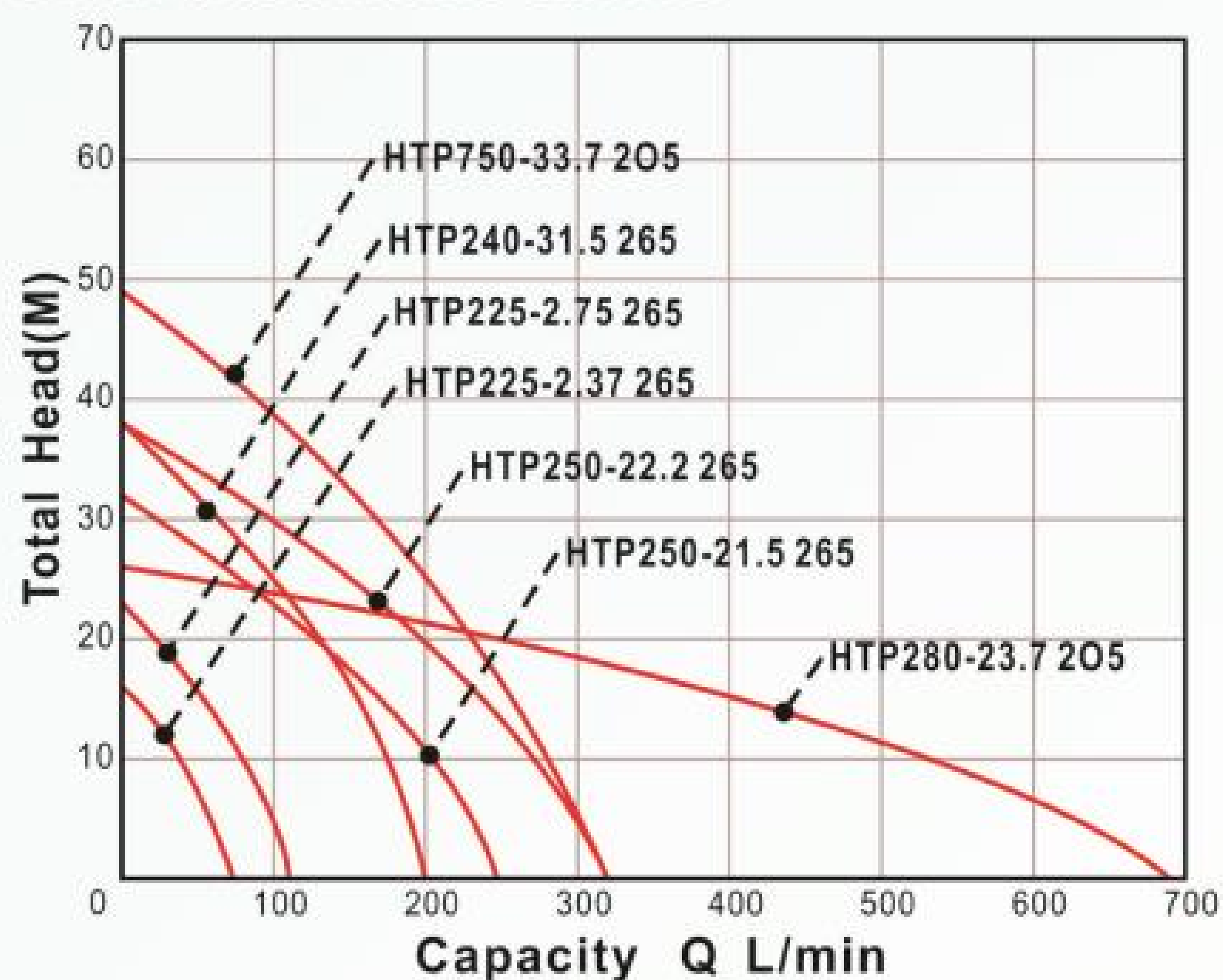
Physical dimension



Characteristic

- The use of mechanical shaft seals does not damage the shaft center, does not leak, and has a long service life.
- Depending on the pressure and water volume requirements, a two-stage or three-stage impeller design is used.
- Suction depth up to 8.5m

Characteristic curve



Unit:mm

TYPE	A	B	C	D	E	F	H	I	J	L
HTP225-2.37 265	115	225	130	75	130	100	260	130	50	370
HTP225-2.75 265	115	225	130	85	130	100	260	130	50	385
HTP240-31.5 265	110	265	135	90	140	130	305	155	85	480
HTP250-21.5 265	140	260	130	120	140	125	320	140	60	480
HTP250-22.2 265	140	275	130	105	140	125	300	145	70	510
HTP750-33.7 205	125	285	170	120	190	140	370	145	105	535
HTP280-23.7 205	80	295	180	70	195	140	340	160	110	535

TYPE	POWER HP(kW)	BORE INCH(mm)	VOLTAGE V	PHASE Ø	MAX CAPACITY L/min	MAX HEAD M	WEIGHT KG
HTP225-2.37 265	½ (0.37)	1" (25)	200-240 & 380-480	1	75	16	23
HTP225-2.75 265	1 (0.75)	1" (25)		1	109	23	30
HTP240-31.5 265	2 (1.5)	1½" (40)		1	193	38	40
HTP250-21.5 265	2 (1.5)	2" (50)		1	245	32	42
HTP250-22.2 265	3 (2.2)	2" (50)		1	320	38	45
HTP750-33.7 205	5 (3.7)	2" (50)		3	320	49	57
HTP280-23.7 205	5 (3.7)	3" (80)		3	686	26	64

HVY Lightweight coaxial scroll pump



40



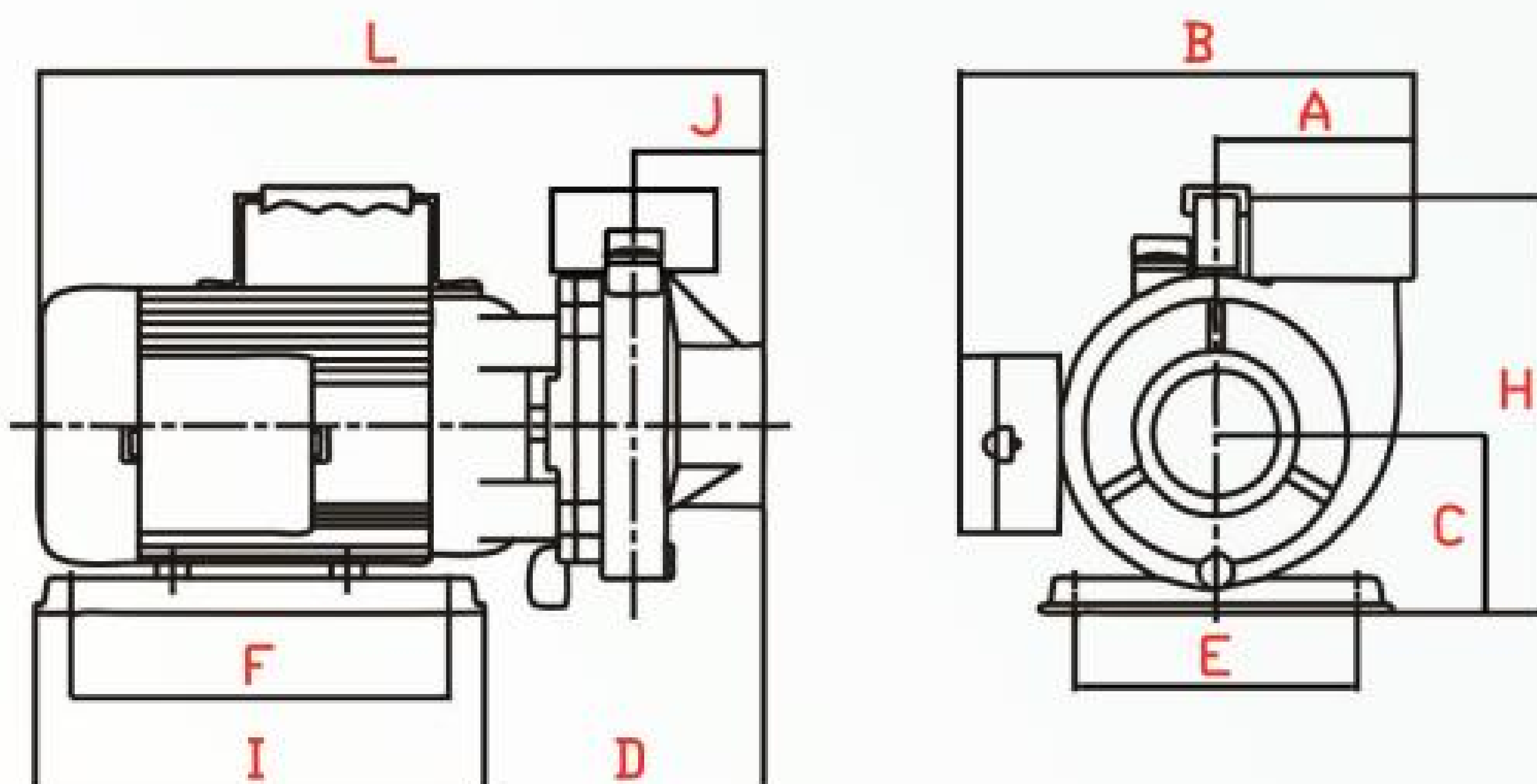
Product Usage



Characteristic

- Its pumping strength is up to 9.8 meter, and has very excellent pumping capacity, large volume water supply, high lift head.
- This type pumps are light and solid, and no need too much space, easy to be moved, Easy installation.
- Solid/ideal fluid design, effective/large volume water supply.
- Economize the energy and reduce carbons to discharge.

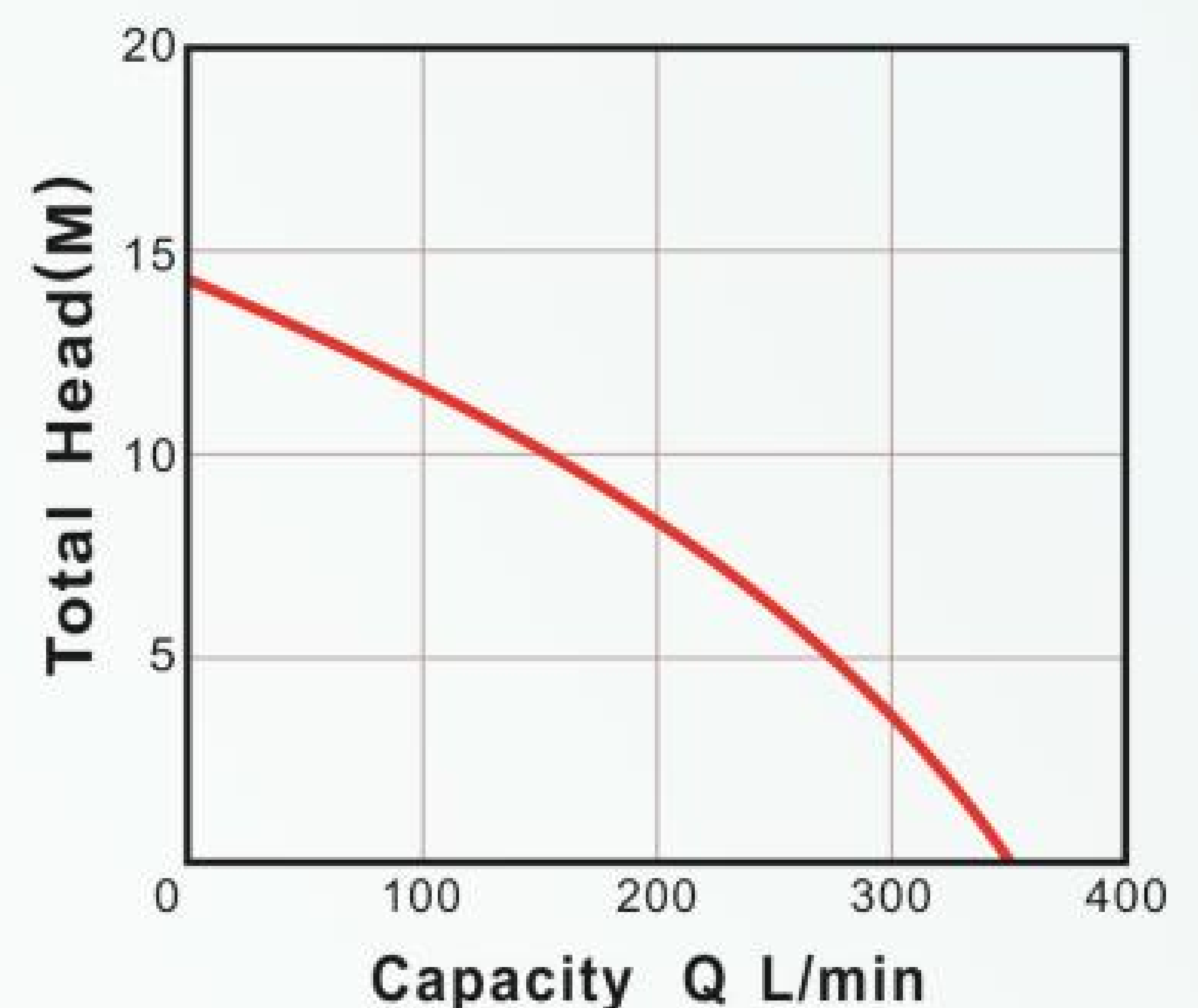
Physical dimension



Unit:mm

TYPE	A	B	C	D	E
HVY250-1.75 265	54	210	84	130	131
	F	H	I	J	L
	175	192	208	60	335

Characteristic curve



TYPE	POWER	BORE	VOLTAGE	PHASE	MAX CAPACITY	MAX HEAD	WEIGHT
	HP(kW)	INCH(mm)	V	Ø	L/min	M	KG
HVY250-1.75 265	1 (0.75)	2" (50)	200-240	1 / 3	350	14	12.7



PBP Pipeline booster pump



Product Usage



Other material:

PBS Stainless steel Pipeline booster pump



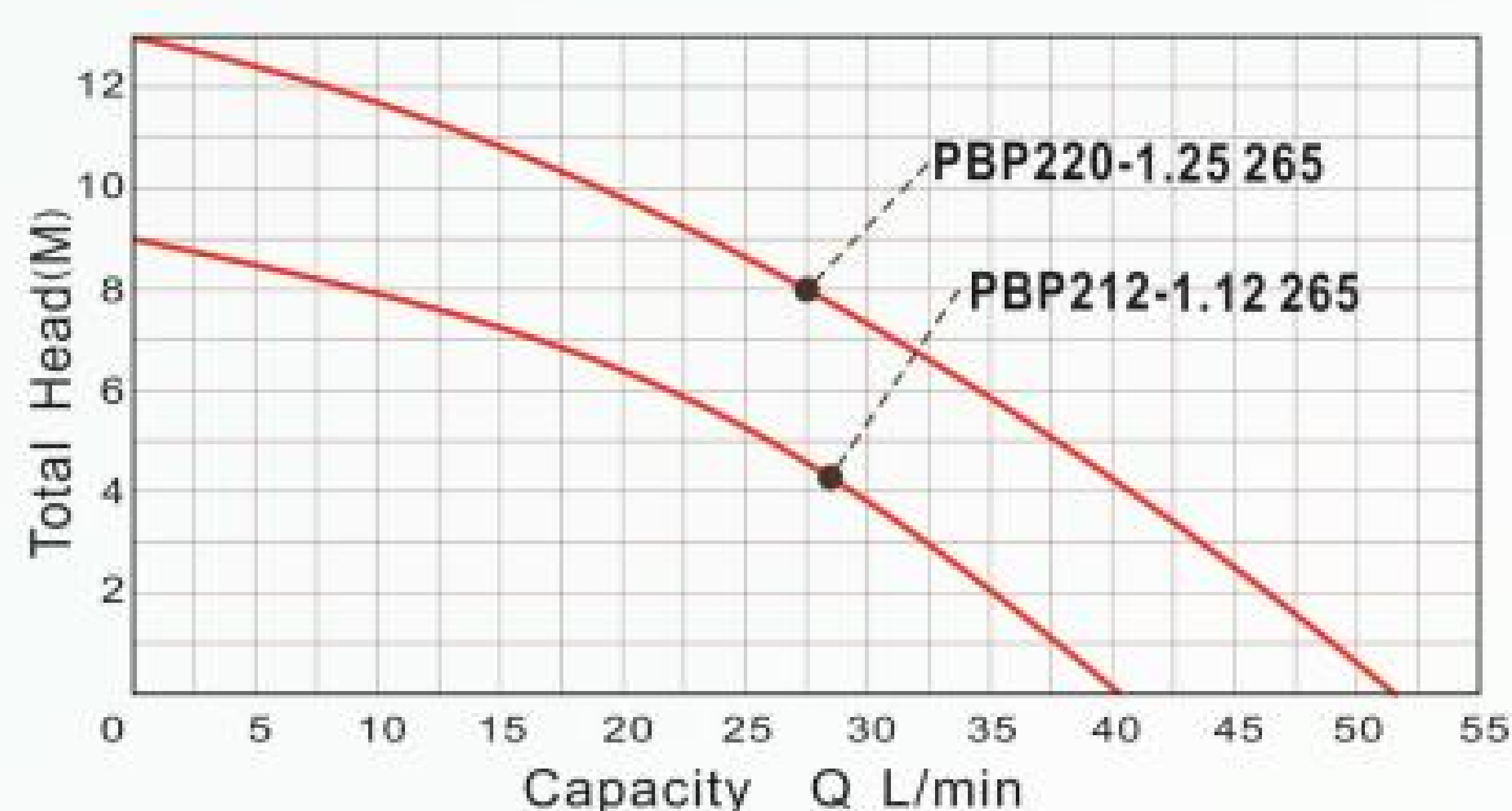
Characteristic

- This pump uses a stainless steel shielding sleeve to completely isolate water from the coil windings, eliminating the need for mechanical seals.
- It adopts high-hardness stainless steel rotating shaft and graphite bearing, and direct water circulation between the stator and rotor can be used for cooling., can also be used for bearing lubrication, completely solving the noise problem.
- home supercharger
- Soft voice and low noise

Conditions of use

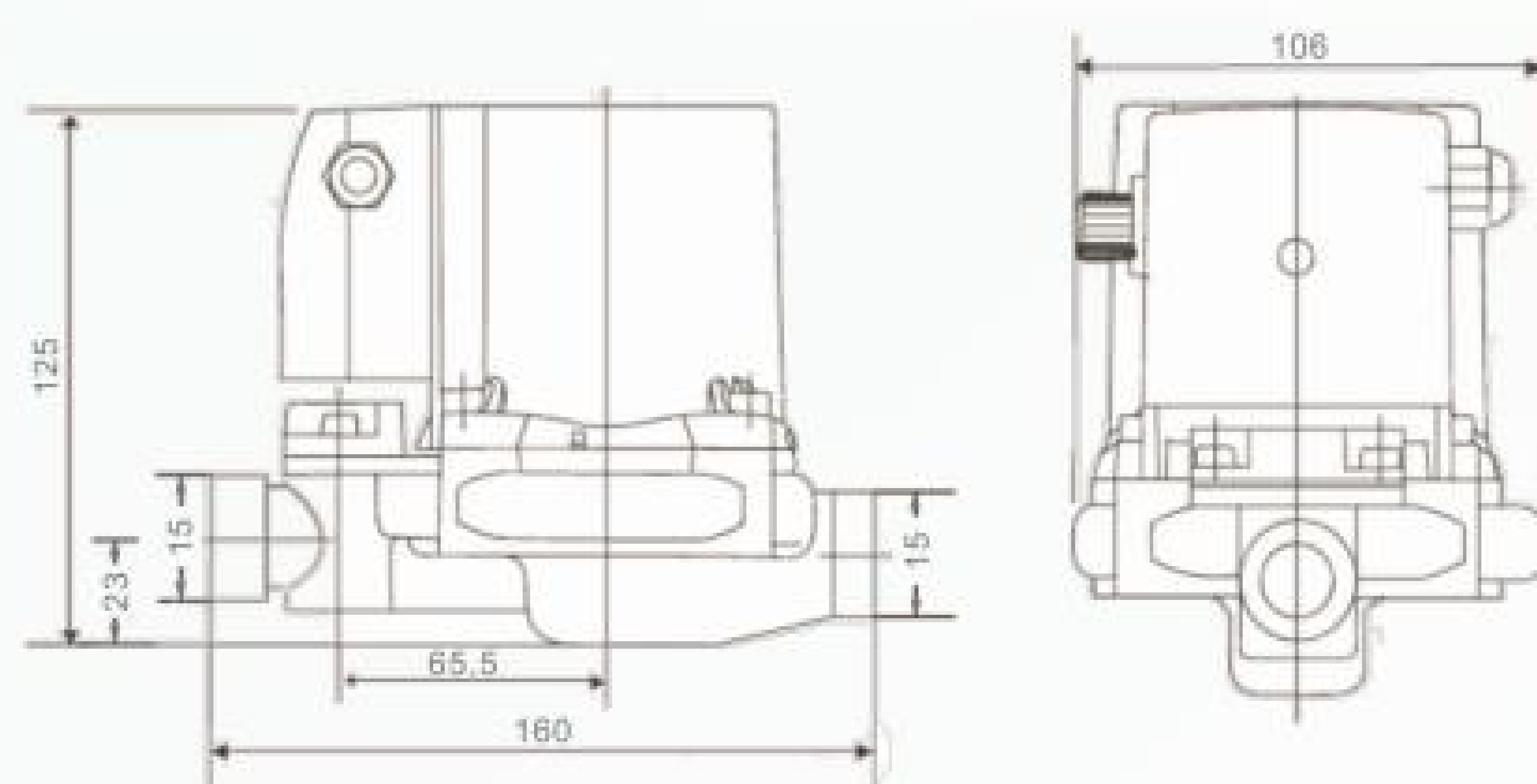
- Ambient temperature : MAX.+40°C
- Liquid temperature : -10°C~+110°C
- Applicable liquids:
Low viscosity, clean, non-corrosive, non-explosive liquids that do not contain solid impurities, fibers or oil stains.

Characteristic curve

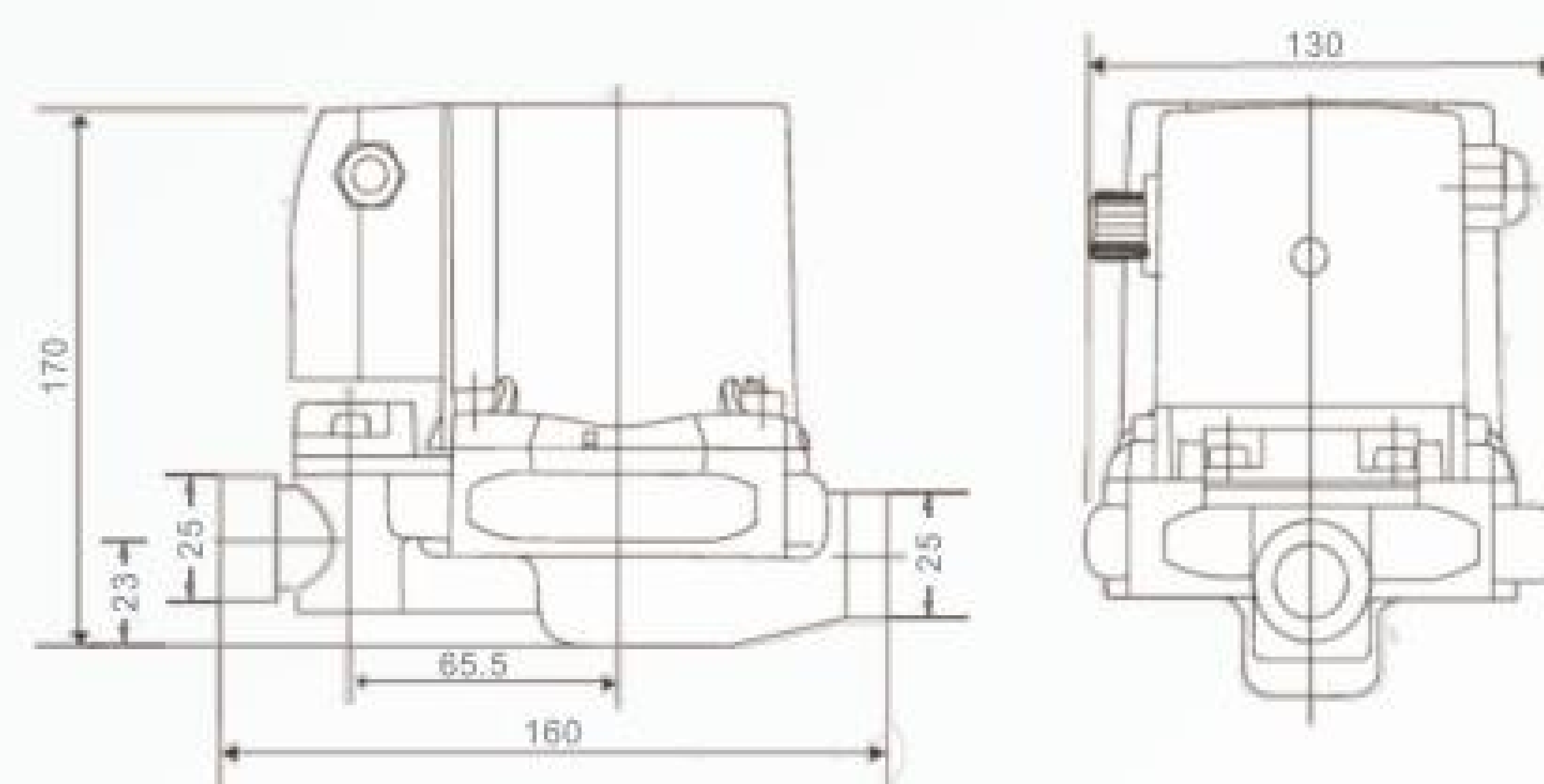


Physical dimension

Unit:mm



PBP212-1.12 265



PBP220-1.25 265

TYPE	POWER	BORE	VOLTAGE	MAX CAPACITY	MAX HEAD
	kW	inch(mm)	V	L/min	M
PBP212-1.12 265	0.12	½"(12)	220-240	40	9
PBP220-1.25 265	0.25	¾"(20)		52	13

HCP High-pressure boiler pump



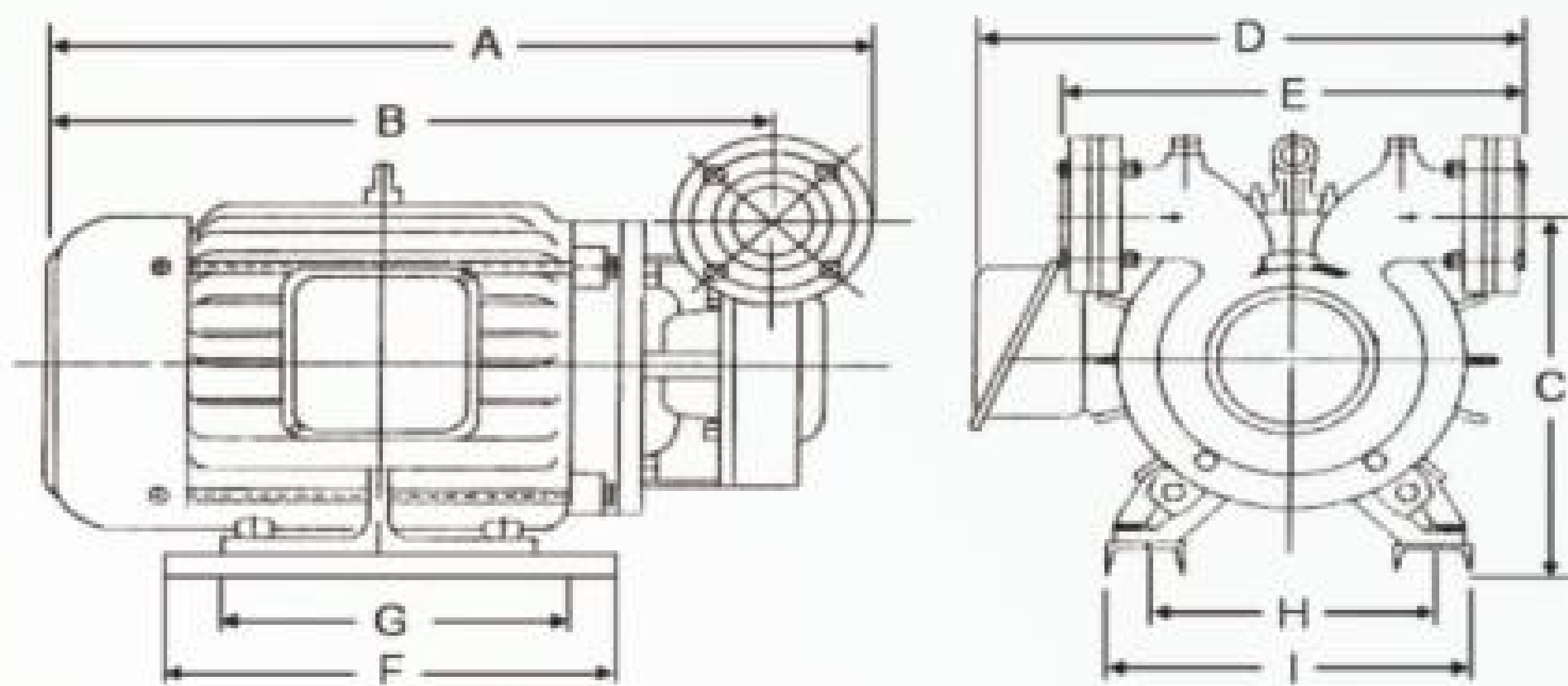
42



Product Usage



Physical dimension



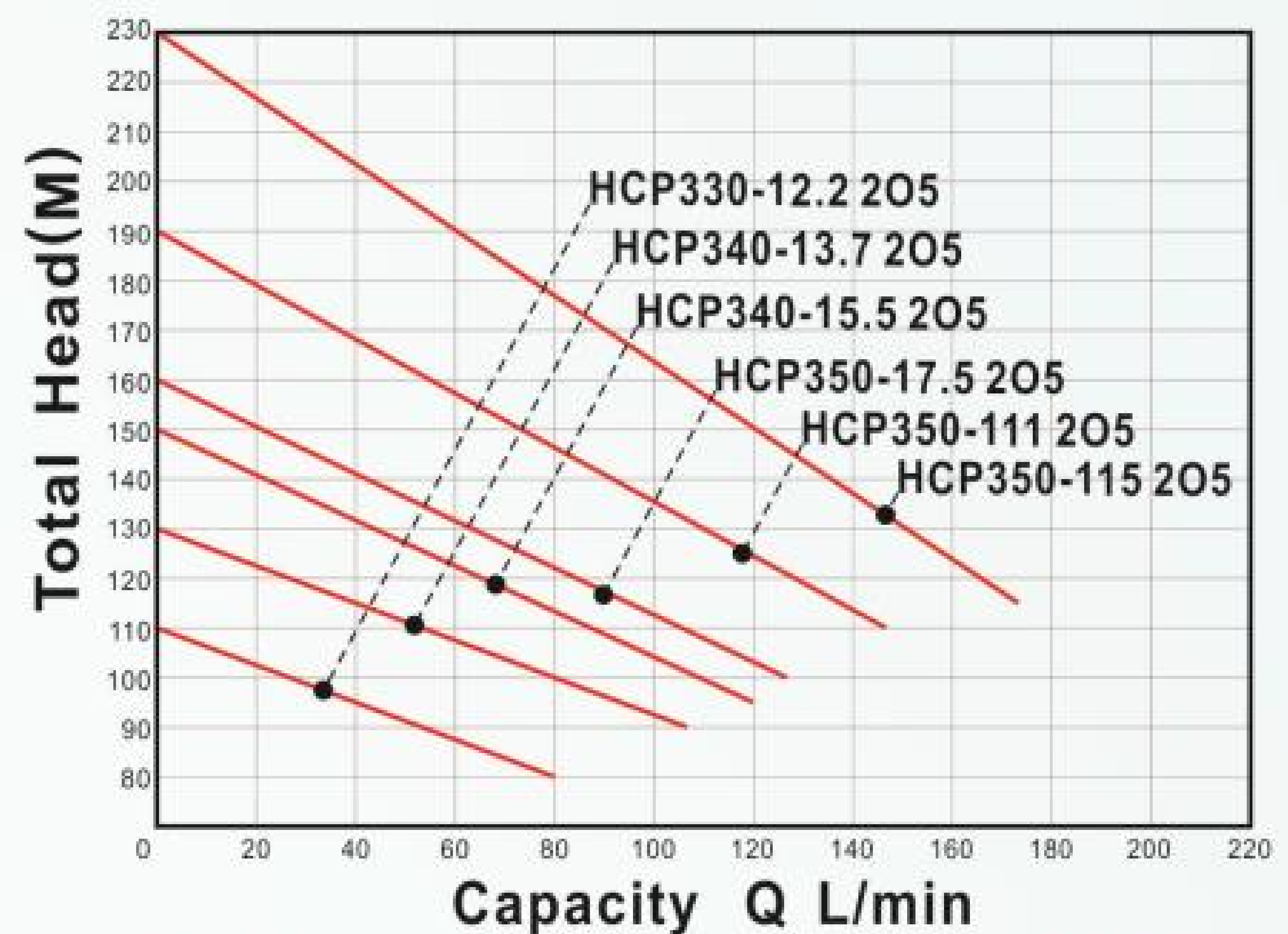
Unit:mm

TYPE	A	B	C	D	E	F	G	H	I
HCP325-1.75 2O5	370	300	190	270	245	230	200	120	155
HCP325-11.5 2O5	410	335	200	290	260	230	200	140	170
HCP330-12.2 2O5	410	335	200	290	260	230	200	140	170
HCP340-13.7 2O5	470	405	235	310	270	300	265	190	235
HCP340-15.5 2O5	510	435	255	340	270	300	265	215	265
HCP350-17.5 2O5	520	435	265	350	280	300	265	215	265
HCP350-111 2O5	675	600	310	415	280	400	350	255	320
HCP350-115 2O5	675	600	310	415	280	400	350	255	320

Characteristic

- **Easy installation:** direct-pressure boiler water pump , with high lift, large discharge, low horsepower, small size, can be used everywhere on vertical or sloping roofs, or even narrow equipment, and can be freely exchanged in any direction.
- **Selected materials:** high-pressure boiler water pump mechanical seal assembly, no leakage, no damage to the shaft, extending the service life of the boiler
- **Sturdy and durable:** The motor and water pipe are coaxially connected without deflection.
- **Easy to maintain:** The high-pressure boiler pump itself does not require lubricating oil and is suitable for cotton yarn and is maintenance-free.

Characteristic curve



■ This series pumps type use TECO

TYPE	POWER	BORE	VOLTAGE	MAX CAPACITY	MAX PRESSURE	PHASE
	HP (kw)	INCH(mm)		L/min	Kg/cm ²	
HCP325-1.75 2O5	1 (0.75)	1" (25)	380 - 480	45	8	3
HCP325-11.5 2O5	2 (1.5)	1" (25)		60	10	3
HCP330-12.2 2O5	3 (2.2)	1¼" (30)		80	11	3
HCP340-13.7 2O5	5 (3.7)	1½" (40)		105	13	3
HCP340-15.5 2O5	7½ (5.5)	1½" (40)		120	15	3
HCP350-17.5 2O5	10 (7.5)	2" (50)		135	16	3
HCP350-111 2O5	15 (11)	2" (50)		150	19	3
HCP350-115 2O5	20 (15)	2" (50)		170	23	3

MEMO

TYPE EXPLANATION

HCP220-1.37 265T

MOTOR MAKER

1	Herchuan new types
2	Herchuan
3	Teco
4	Herchuan anti-explosion motor.
5	Tatong anti-explosion motor.
6	Teco anti-explosion motor.
7	Herchuan strong motor.
0	Tatong anti-explosion motor.
S	Sea chuag.
U	Yuan Jing factory owner.

IMPELLER

1	One impeller
2	Two impellers
P	Open impeller

POLES

2	2P
4	4P

FREQUENCY

5	50Hz
---	------

I	With iron motor support
J	With stainless steel motor support
T	With auto power-off device
M	Exquisite type
Q	Silence type
ST	Water level switch
D	multiple machines

BORE

INCH	mm
1/2	12
3/4	20
1	25
1 1/4	30
1 1/2	40
2	50
2 1/2	65
3	80
4	100
5	125
6	150
7	175
8	200
9	225
10	250
12	300
14	350

POWER

HP	kW
1/4	0.18
1/3	0.25
1/2	0.37
2/3	0.5
3/4	0.55
1	0.75
1 1/2	1.1
2	1.5
3	2.2
5	3.7
7 1/2	5.5
10	7.5
15	11
20	15
25	19
30	22
40	30
50	37

VOLTAGE AND PHASE

	THREE-PHASES	SINGLE-PHASE
	220/380	V 100/200
A	200/346	S 110/220
B	200/400	T 115/230
C	208/360	U 120/240
D	208/415	9 100
E	220/440	1 110
F	230/400	2 120
G	230/460	3 127
H	240/415	4 200
I	240/480	5 208
J	200	6 220
K	208	7 230
L	220	8 240
M	230	X
N	240	Z
O	380	
P	400	
Q	415	
R	440	
W	460	
Y	480	

DMA: Alternating horizontal type multi-stage unit pressurized
DTA: Turbine alternately juxtaposed pressurized machine
DMV: Vertical multistage alternating pumps
DMA: Vertical multistage pressurized pump
DMH: Horizontal type multistage alternating pump
DHA: Horizontal type multistage pressurized pump
DVP: Shuangtai exchange
DVA: Alternately parallel pressure
EMV: Vertical multistage frequency conversion pump
EMH: Horizontal type multistage frequency conversion pump
EVA: Variable frequency pressure
EVD: Variable frequency alternating
EVP: Cooling alternately pressurized pump
EQA: Electronic pressuring machine
EQP: Electronic pumps
EQH: Electronic pressurized hot water machine
EQN: Electronic pumping hot water machine
EMA: Electronic frequency conversion pressurize pump
HCP: Cascade pump
HCA: Auto cascade pump
HCF: Auto cascade pump
HCS: Stainless steel cascade pump
HCC: Auto stainless steel cascade pump
HCB: Auto cascade pump with stainless steel pressure tank
HJP: Jet booster pump
HJC: Jet pressurized equipment
HJA: Auto jet booster pump with stainless steel pressure tank
HMH: Horizontal type multistage pumps
HMS: Horizontal stainless steel multi-stage pumps
HNV: Multistage vertical pump
HPA: Paddle wheel aerator
HSP: Self priming pump
HSM: Submersible pump
HSS: Stainless steel self priming pump
HSL: Self priming pump(aluminum alloy)
HSN: Not obstructive type Submersible Pump
HSC: Self priming pump(yellow copper coating)
HTP: Turbine pump
HTF: Exquisite type turbine pump
HTA: Turbine pump with pressure device
HTH: Exquisite turbine pump with pressure device
HVP: Volute pump(for cooling)
HVV: Volute pump(for cooling)
HVO: stainless steel link axle pump
HVN: Iron connects with the axle pump
HVA: Volute pump with pressure device
HVD: Stainless steel Pressuring Machine
HVS: Stainless steel volute pump(for cooling)
HWP: Submersible pump in water
KVH: Cooling high-lift
KVS: Stainless steel cooling high-lift
LSM: Large volume water submersible pump
LJP: Jet booster pump(aluminum alloy motor)
LJA: Auto jet booster pump(aluminum alloy moter)
MHP: Horizontal multi-paragraph pump
MTC: Variable frequency pressure combination
MTH: Exquisite turbine pump with two or more impellers
PBP: Pipeline booster pump
SSF: Stainless filth submersible pump
SSM: Stainless sewage submersible pump
SWS: Stainless steel submersible pump in water
SMV: Stainless steel light vertical multistage centrifugal pump
UVP: Plastic scroll
USP: Self-priming plastic pump
YVP: Volute pump(for irrigation)
YVS: Stainless steel volute pump(for irrigation)
A06 CU: Oil machine pumped onshore
A06 CUS: Stainless steel oil machine onshore pumped
A06 QBK: Diaphragm pum

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84-274-3567-782

The pump appearance in the product catalog is for reference only and is subject to actual shipment.