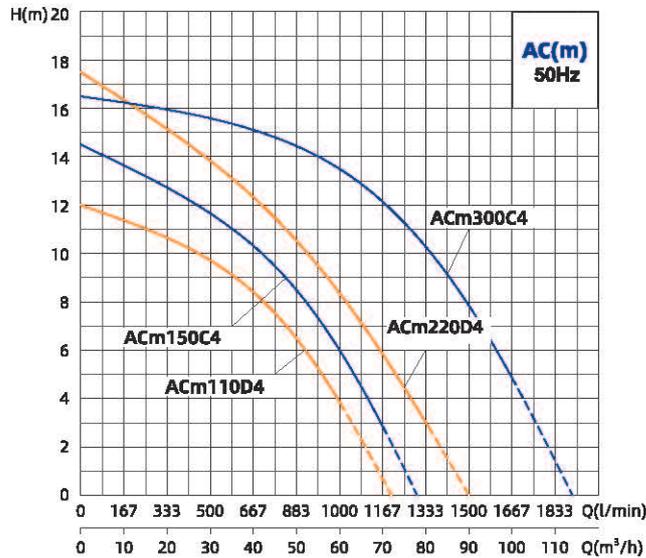
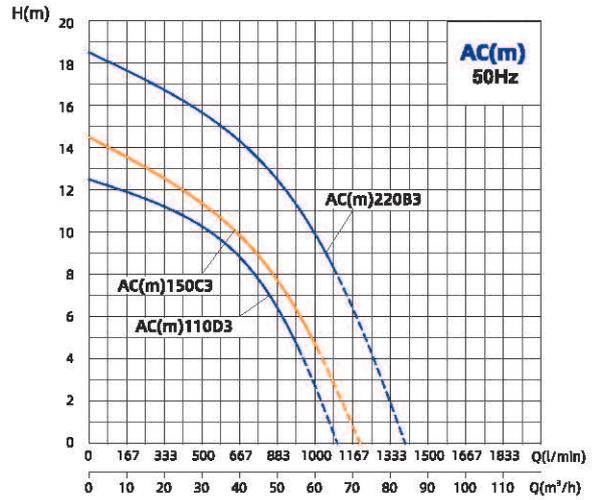
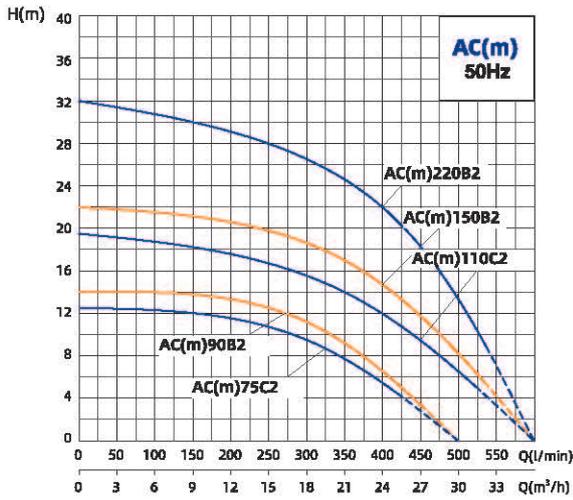
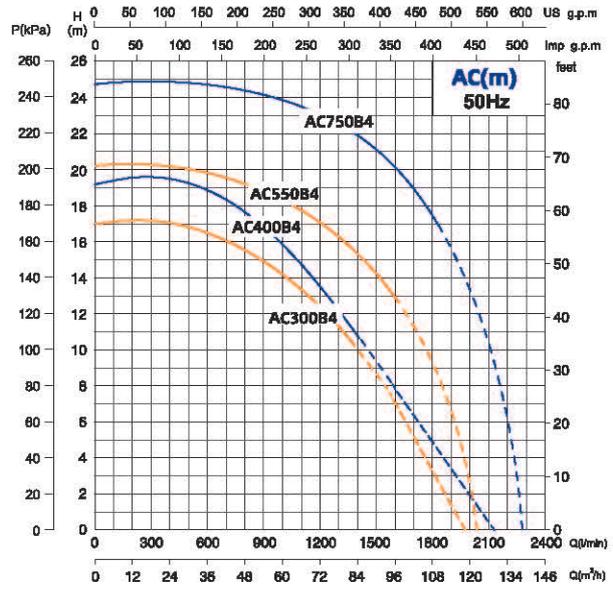
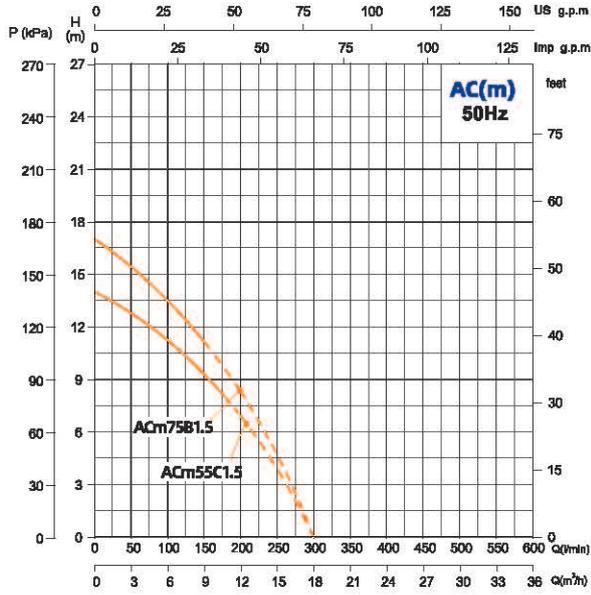


Performance Curve

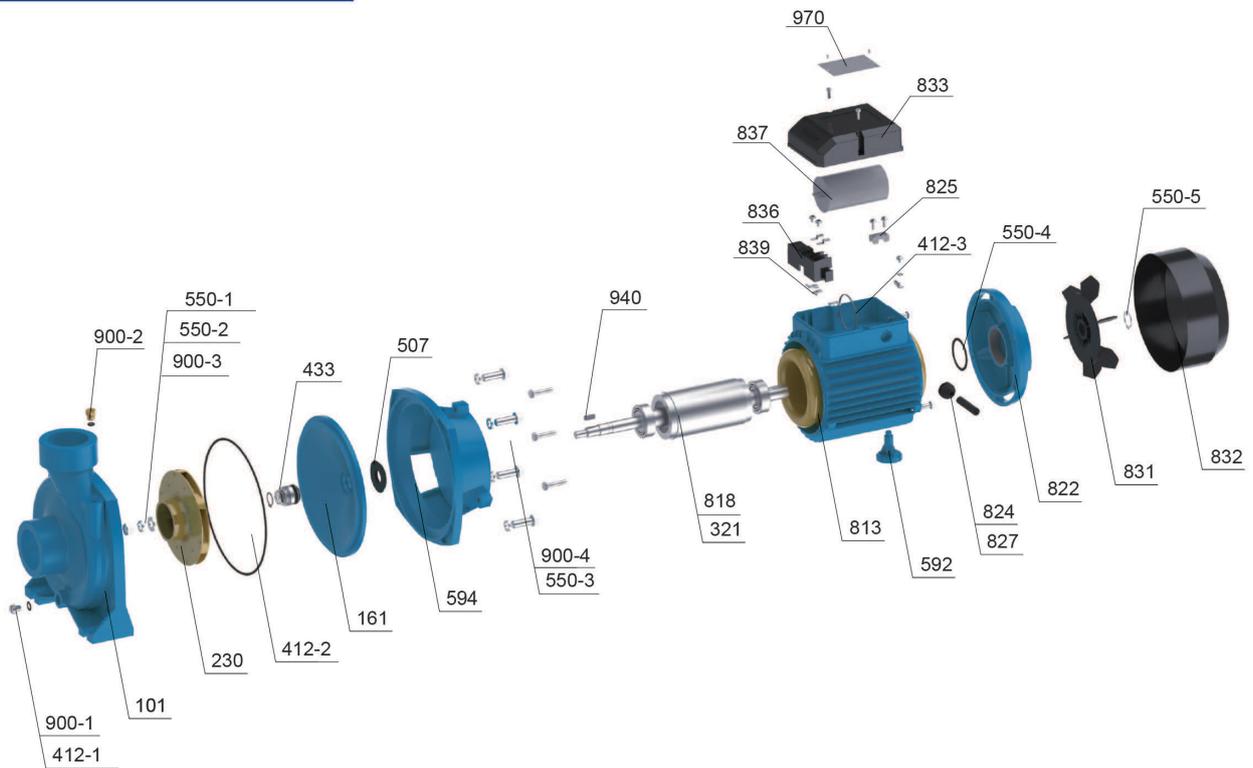


Performance Curve

Model		Power		Max. Flow (m ³ /h)	Max. Head (m)	Head Range (m)	Max. Suction (m)
Single-Phase	Three-Phase	kW	HP				
ACm55C1.5	-	0.55	0.75	18	14	14~8	7
ACm75B1.5	-	0.75	1	18	17	17~11	7
-	AC300B4	3	4	114	16.5	16.5~10	7
-	AC400B4	4	5.5	129	19.5	19.5~11	7
-	AC550B4	5.5	7.5	125	20	20~13	7
-	AC750B4	7.5	10	140	24.5	24.5~17	7
ACm75C2	AC75C2	0.75	1	30	12.5	12.5~6	7
ACm90B2	AC90B2	0.9	1.2	30	14	14~8	7
ACm110C2	AC110C2	1.1	1.5	36	19.5	19.5~7	7
ACm150B2	AC150B2	1.5	2	36	22	22~10	7
ACm220B2	AC220B2	2.2	3	36	32	32~11	7
ACm110D3	AC110D3	1.1	1.5	66	12.5	12.5~4	7
ACm150C3	AC150C3	1.5	2	72	14.5	14.5~4	7
ACm220B3	AC220B3	2.2	3	84	18.5	18.5~4	7
ACm110D4	AC110D4	1.1	1.5	72	12	12~4	7
ACm150C4	AC150C4	1.5	2	78	14.5	14.5~4	7
ACm220D4	AC220D4	2.2	3	90	17.5	17.5~4	7
ACm300C4	AC300C4	3	4	114	16.5	16.5~4	7

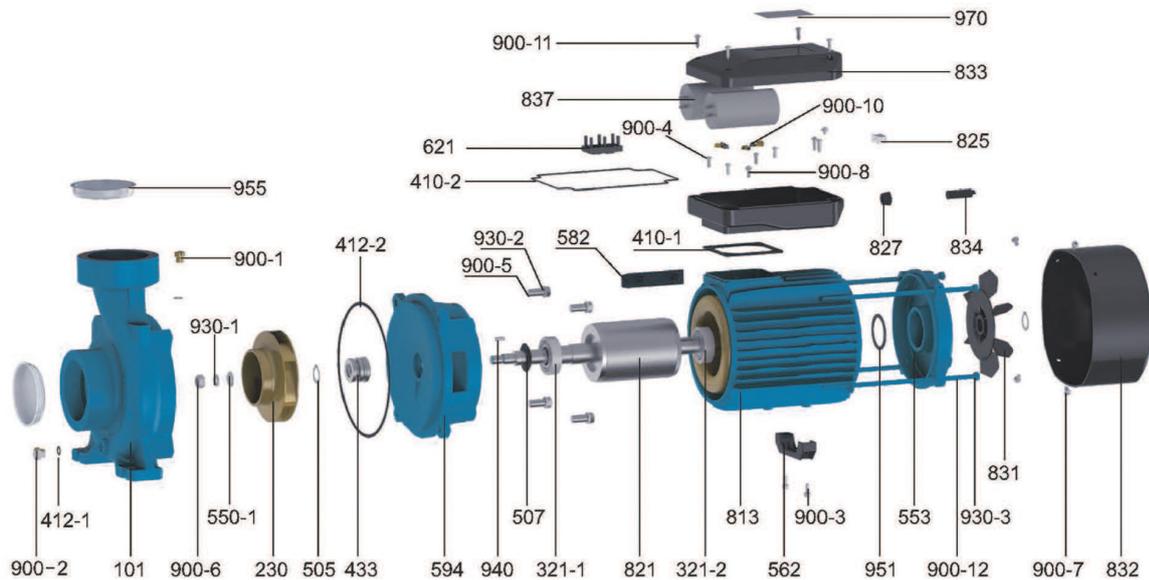
Note: The length of cable is 0.3m, The cable length of three-phase pump AC150B2, AC220B3, AC220B4 are 0.3m; no plug. The rest of the model without cable

Components & Materials



No.	Part name	No.	Part name	No.	Part name	No.	Part name
101	Pump body	550-1	Type I hexagon nut	822	Rear end cover	839	Insert spring
161	Pump cover	550-2	Spring washer	824	Cable	900-1	Slotted cheese head screw
230	Impeller	550-4	Wave spring	825	Cable pressing plate	900-2	Vent cock
321	Deep groove ball bearing	550-5	Circlip for shaft	827	Cable sheath	900-3	Flat washer
412-1	O-ring	507	Water retaining ring	831	Fan	900-4	Hexagon head bolt
412-2	O-ring	592	Foot	832	Fan cover	940	Ordinary flat key
412-3	O-ring	594	Connector	833	Junction box	970	Nameplate
433	Mechanical seal	813	Stator	836	Terminal block		
500-3	Spring washer	818	Rotor	837	Running capacitor		

Components & Materials



No.	Part name	No.	Part name	No.	Part name	No.	Part name
101	Pump body	550-2	Flat washer	833	Junction box	900-9	Nut
230	Impeller	553	End cap	834	Cable	900-10	Bolt
321-1	Bearing	562	Footing	837	Capacitance	900-11	Bolt
321-2	Bearing	582	Designation strip	839	Terminals	900-12	Bolt
410-1	Rubber blanket	594	Coupling	900-1	Vent cock	930-1	Spring washer
410-2	Rubber blanket	621	Terminal	900-2	Vent cock	930-2	Spring washer
412-1	O-ring	813	Stator	900-3	Bolt	930-3	Spring washer
412-2	O-ring	821	Rotor	900-4	Bolt	931	Spring washer
433	Mechanical seal	825	Cable platen	900-5	Bolt	940	Flat key
505	Check ring	827	Cable platen	900-6	Nut	951	Wave spring
507	Washer	831	Fan	900-7	Bolt	955	Dust cap
550-1	Flat washer	832	Fan housing	900-8	Bolt	970	Designation strip

Model	ACm75B1.5	ACm55C1.5	AC400B4	AC550B4	AC750B4
Capacitor(μF)	20 μF/450V	12 μF/450V	/	/	/
End cap Bearing	6202-2RZ	6202-2RZ	6206-2RS/C3Z2	6206-2RS/C3Z2	6208-2RS/C3Z2
Coupling Bearing	6202-2RZ	6202-2RZ	6206-2RS/C3Z2	6206-2RS/C3Z2	6208-2RS/C3Z2
Motor Shaft	Steel 45#+304				
Mechanical Seal	301-14/21 S:A(P)Stationary seal ring ø30		701-25/31 S:K(PC) Stationary seal ring φ40		701-28/32 S:K(PC) Stationary seal ring φ43
	A:Graphite B:Alumina ceramic S:RBSC P:NBR				
Motor Case	Aluminum				
Coupling	Cast Iron				
Pump Body	Cast Iron				
Impeller	Cast iron				

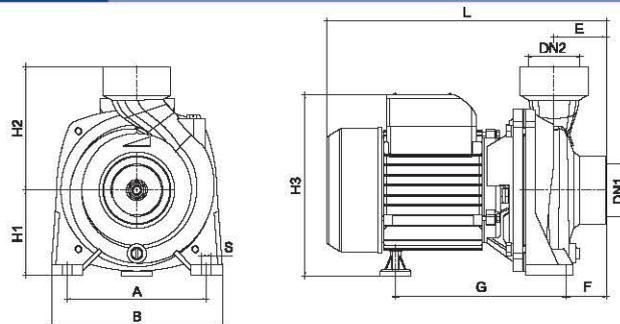
Model	ACm75C2	ACm90B2	ACm110C2	ACm150B2	ACm220B2	ACm110D3	ACm150C3	ACm220B3
Capacitor(μF)	18μF\450V	25μF\450V	30μF\450V	50μF\450V	90μF\450V	30μF\450V	50μF\450V	90μF\450V
End cap Bearing	6202-2RZ	6202-2RZ	6204-2RZ	6204-2RZ	6205-2RZ	6204-2RZ	6204-2RZ	6205-2RZ
Coupling Bearing	6202-2RZ	6202-2RZ	6204-2RZ	6204-2RZ	6304-2RZ	6204-2RZ	6204-2RZ	6304-2RZ
Motor Shaft	Steel 45#+304							
Mechanical Seal	108-14/25&S:A(PC)		108-16/25 &Stationary seal ring 30 &S:A(PC)	108-20/25 &Stationary seal ring d35&S:A(RC)	108-16/25 &Stationary seal ring 30 &S:A(PC)	108-20/25 &Stationary seal ring d35&S:A(RC)		
Motor Case	Aluminum							
Coupling	Cast Iron							
Pump Body	Cast Iron							
Impeller	Copper	Cast iron or Copper		Copper	Cast iron or Copper			

Model	ACm110D4	ACm150C4	ACm220D4	ACm300B4	AC75C2	AC90B2	AC110C2	AC150B2
Capacitor(μF)	30μF\450V	50μF\450V	90μF\450V	100μF\450V	/	/	/	/
End cap Bearing	6204-2RZ	6204-2RZ	6205-2RZ	6205-2RZ	6202-2RZ	6202-2RZ	6204-2RZ	6204-2RZ
Coupling Bearing	6204-2RZ	6204-2RZ	6304-2RZ	6304-2RZ	6202-2RZ	6202-2RZ	6204-2RZ	6204-2RZ
Motor Shaft	Steel 45#+304							
Mechanical Seal	108-16/25 &Stationary seal ring 30 &S:A(PC)		108-20/25 &Stationary seal ring d35 &S:A(RC)		108-14/25 &S:A(PC)		108-16/25 & Stationary seal ring 30 &S:A(PC)	
Motor Case	Aluminum							
Coupling	Cast Iron							
Pump Body	Cast Iron							
Impeller	Cast iron or Copper				Copper		Cast iron or Copper	

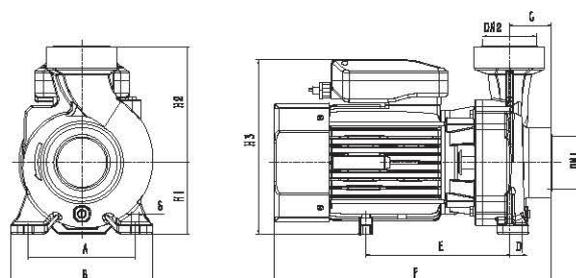
Model	AC220B2	AC110D3	AC150C3	AC220B3	AC110D4	AC150C4	AC220D4	AC300B4
Capacitor(μF)	/	/	/	/	/	/	/	/
End cap Bearing	6205-2RZ	6204-2RZ	6204-2RZ	6205-2RZ	6204-2RZ	6204-2RZ	6205-2RZ	6205-2RZ
Coupling Bearing	6304-2RZ	6204-2RZ	6204-2RZ	6304-2RZ	6204-2RZ	6204-2RZ	6304-2RZ	6304-2RZ
Motor Shaft	Steel 45#+304							
Mechanical Seal	108-20/25 &Stationary seal ring d35&S:A(RC)	108-16/25 &Stationary seal ring 30 &S:A(PC)		108-20/25 &Stationary seal ring d35&S:A(RC)	108-16/25 &Stationary seal ring 30 &S:A(PC)		108-20/25 &Stationary seal ring d35 &S:A(RC)	
Motor Case	Aluminum							
Coupling	Cast Iron							
Pump Body	Cast Iron							
Impeller	Copper			Cast iron or Copper				

Dimensions & Weight

Model		DN1	DN2	Dim.(mm)										N.W. (kg)
Single-phase	Three-phase	Inch		A	B	C	E	F	L	H1	H2	H3	S	
ACm55C1.5	-	1.5	1.5	160	190	41	91	129	299	95	135	204	10	11.5
ACm75B1.5	-	1.5	1.5	160	190	41	91	129	299	95	135	204	10	10.5
-	AC300B4	4	4	190	260	80	50	302	461	132	180	267	14	40
-	AC400B4	4	4	190	260	80	50	286	482	132	180	288	14	44
-	AC550B4	4	4	212	292	82	52	301	509	160	210	350	14	59
-	AC750B4	4	4	212	292	82	52	318	555	160	210	350	14	73



Model	DN1	DN2	Dim.(mm)										
			A	B	C	D	E	F	S	H1	H2	H3	
ACm300C4	100	100	190	248	80	30	268	464	14	132	180	296	
ACm220D4	100	100	170	225	67	47	246	439	12	114	173	277	
ACm150C4	100	100	170	225	67	47	210.5	370.5	12	114	173	238	
ACm110D4	100	100	170	225	67	47	210.5	370.5	12	114	173	238	
ACm220B3	80	80	170	225	66	46	248	440	12	114	185	278	
ACm150C3	80	80	170	225	66	47.5	212.5	371.5	12	114	185	247	
ACm110D3	80	80	170	225	66	47.5	212.5	371.5	12	114	185	247	
ACm220B2	50	50	170	225	63	43	237	426	12	114	180	290	
ACm150B2	50	50	140	202	53.5	33.5	201.5	348	12	114	163	238	
ACm110C2	50	50	140	202	53.5	33.5	201.5	348	12	114	163	238	
ACm90B2	50	50	125	160	57	41	176.5	315	9	95	139	206.5	
ACm75C2	50	50	125	160	57	41	176.5	315	9	95	139	206.5	
AC300C4	100	100	190	248	80	30	268	464	14	132	180	259.5	
AC220D4	100	100	170	225	67	47	246	439	12	114	173	241.5	
AC150C4	100	100	170	225	67	47	210.5	370.5	12	114	173	227.5	
AC110D4	100	100	170	225	67	47	210.5	370.5	12	114	173	227.5	
AC220B3	80	80	170	225	66	46	248	440	12	114	185	241.5	
AC150C3	80	80	170	225	66	47.5	212.5	371.5	12	114	185	227.5	
AC110D3	80	80	170	225	66	47.5	212.5	371.5	12	114	185	227.5	
AC220B2	50	50	170	225	63	43	237	426	12	114	180	241.5	
AC150B2	50	50	140	202	53.5	33.5	201.5	348	12	114	163	227.5	
AC110C2	50	50	140	202	53.5	33.5	201.5	348	12	114	163	227.5	
AC90B2	50	50	125	160	57	41	176.5	315	9	95	139	199.5	
AC75C2	50	50	125	160	57	41	176.5	315	9	95	139	199.5	



Model		Dim.(L×W×H)	G.W.(kg)		20'Loading Qty. (pcs)
Single-phase	Three-phase	mm	Single-phase	Three-phase	
ACm55C1.5	-	350×235×255	12	-	1520
ACm75B1.5	-	350×235×255	11	-	1520
-	AC300B4	560×290×385	-	46	400
-	AC400B4	560×290×385	-	50	400
-	AC550B4	590×340×430	-	66	350
-	AC750B4	640×340×430	-	80	300

Model		Dim. (L*W*H)mm	N.W(kg)		Dim.For Outer Packing (L*W*H)mm	G.W.(kg)		Packing Qty. (pcs)	20'Loading Qty.(pcs)
Single-Phase	Three-Phase		Single-Phase	Three-Phase		Single-Phase	Three-Phase		
ACm75C2	AC75C2	315×160×234	12.5	12.5	360×215×300	13	13	1	1120
ACm90B2	AC90B2	315×160×234	14	13.5	360×215×300	14.5	14	1	1120
ACm110C2	AC110C2	348×202×277	20.5	19.5	410×275×370	22	21	1	672
ACm150B2	AC150B2	348×202×277	22.5	20.5	410×275×370	24	22	1	672
ACm220B2	AC220B2	426×225×294	31.5	27	500×290×380	34	29.5	1	528
ACm110D3	AC110D3	371.5×225×299	23	21	430×290×380	24	22	1	624
ACm150C3	AC150C3	371.5×225×299	24.5	22.5	430×290×380	26	24	1	624
ACm220B3	AC220B3	440×225×299	33	28.5	500×290×380	35.5	31	1	528
ACm110D4	AC110D4	370.5×225×287	23	21	430×290×380	24	22	1	624
ACm150C4	AC150C4	370.5×225×287	24.5	22.5	430×290×380	26	24	1	624
ACm220D4	AC220D4	439×225×287	33	28.5	500×290×380	35.5	31	1	528
ACm300C4	AC300C4	464×248×312	41.5	40	535×290×410	47.5	46	1	440

