



PM



PM/A



PM50



Peripheral positive displacement pumps with front suction (PM) and side suction with self-priming system (PM A) for small household systems and simple industrial applications; characterised by a considerable ratio between performance and required output.

Construction features

Painting	cataphoresis (50)
Pump body	cast iron bronze (45BR)
Motor bracket	cast iron cast iron or bronze (45BR) aluminum with AISI304 insert (50)
Impeller	brass
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 416
Liquid temperature	0 - 90 °C
Operating pressure	max 6 bar (45, 50) max 8 bar (65, 80) max 9 bar (90)

Motor

	3~ 220/380V - 60Hz
2 poles induction motor	1~ 220V - 60Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4



PMT 45 A

version

standard

A self-priming

BR bronze pump body

motor

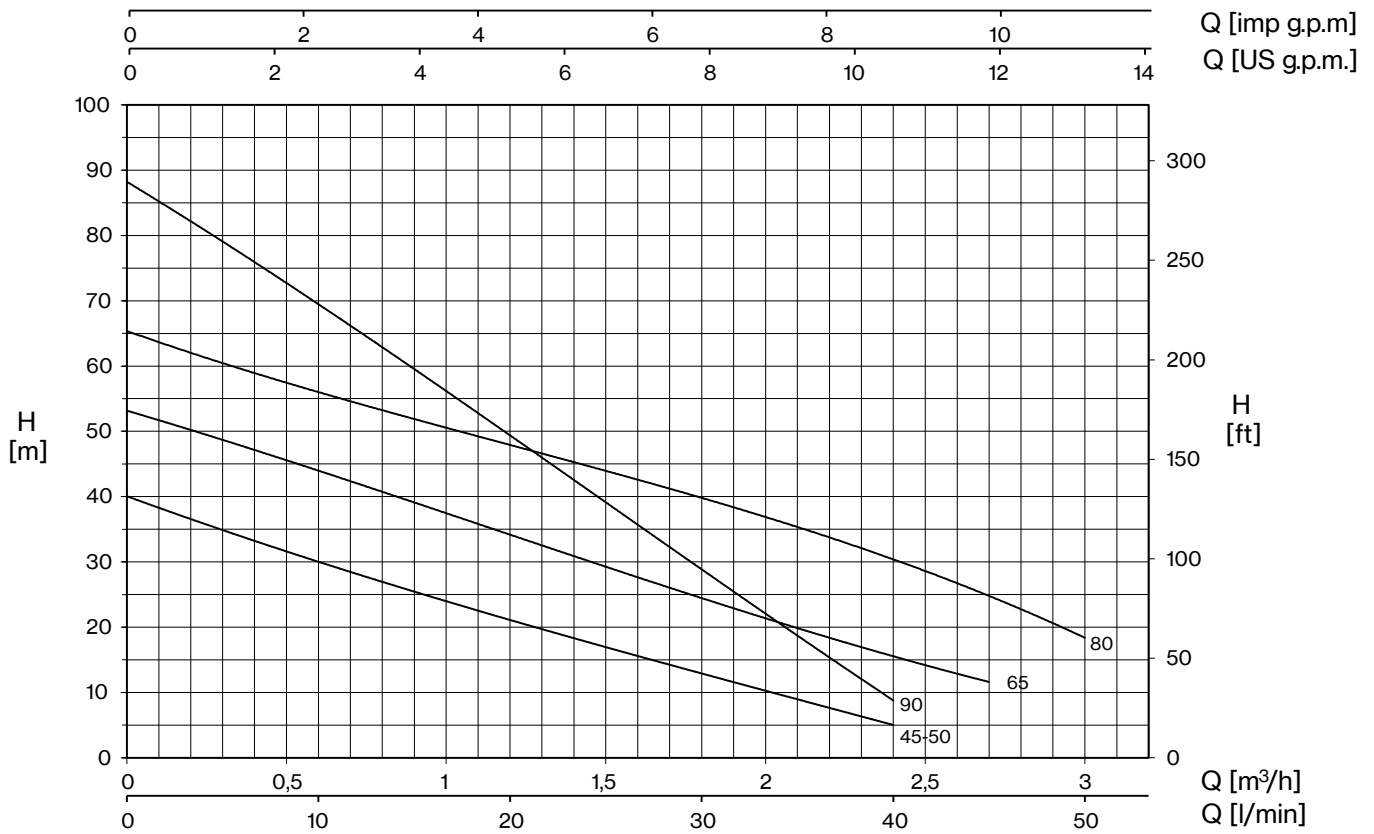
1~

pump type

T 3~

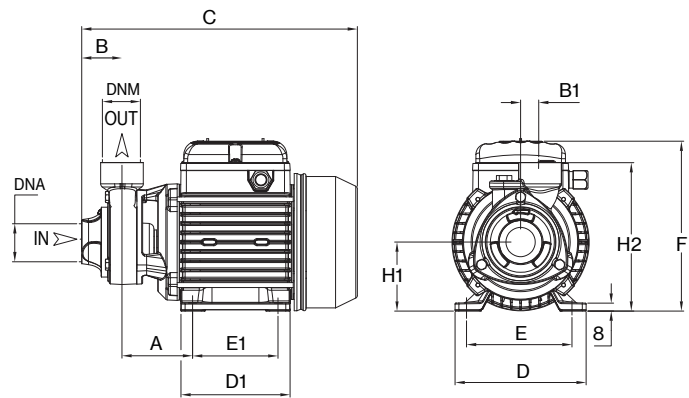
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
PM 45-50	85×110×170	198	85×110×190	220
	80×120×170	207	80×120×190	230
PM 45A	80×110×170	105	85×110×190	135
PM 65A			85×120×170	136
PM 80-90				
PM 65	80×120×160	171	80×120×190	190
	85×100×160	180	85×100×190	200
PM 80A	80×120×145	102	80×120×190	136

1~ 110V - 60Hz	
TYPE	I (A)
PM 45-50	4,6
PM 80	10,4
PM 90	11,2

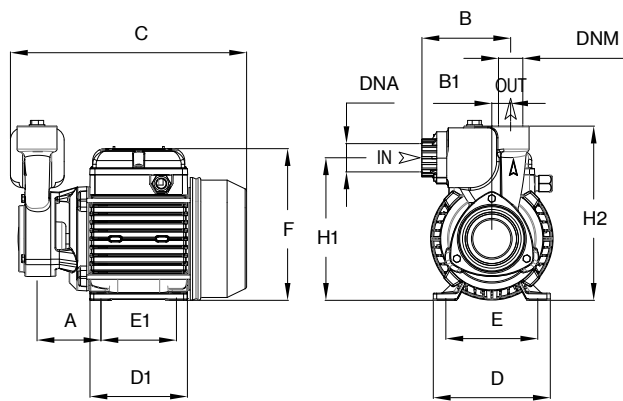


TYPE - 60 Hz		P2		P1		CURRENT		Q (m³/h - l/min)							
1~	3~			1~ 220V	3~ 380V	0	0,3	0,6	1,2	1,8	2,4	2,7	3		
						0	5	10	20	30	40	45	50		
		HP	kW	kW		A		H (m)							
PM 45	PMT 45	0,5	0,37	0,5	0,5	2,3	1	40,0	35,0	30,0	21,0	13,0	5,0		
PM 45BR	PMT 45BR	0,5	0,37	0,5	0,5	2,3	1	40,0	35,0	30,0	21,0	13,0	5,0		
PM 45A	PMT 45A	0,5	0,37	0,5	0,5	2,3	1	40,0	35,0	30,0	21,0	13,0	5,0		
PM 50	-	0,5	0,37	0,5	0,5	2,3	1	40,0	35,0	30,0	21,0	13,0	5,0		
PM 65	PMT 65	0,7	0,5	0,9	0,9	4	1,7	53,1	48,8	44,1	33,8	24,7	15,5	11,6	
PM 65A	PMT 65A	0,7	0,5	0,9	0,9	4	1,7	53,1	48,8	44,1	33,8	24,7	15,5	11,6	
PM 80	PMT 80	1	0,74	1,1	1,1	5,2	2	65,0	61,0	56,0	48,0	39,0	31,0	25,1	18,0
PM 80A	PMT 80A	1	0,74	1,1	1,1	5,2	2	65,0	61,0	56,0	48,0	39,0	31,0	25,1	18,0
PM 90	PMT 90	1	0,74	1,2	1,1	5,6	2	88,2	79,2	69,3	49,5	28,8	8,8		

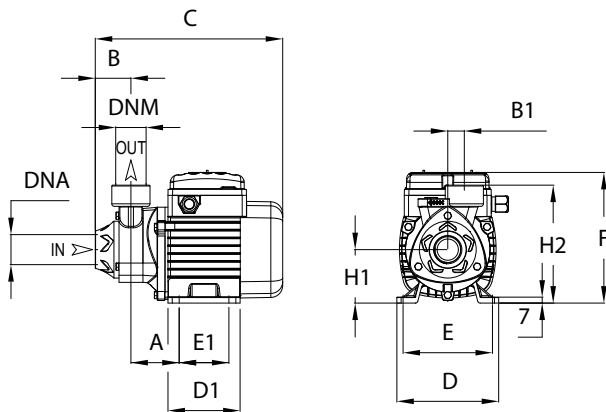
PM



TYPE		DIMENSIONS (mm)																
1~	3~	A	B	B1	C	D	D1	E	E1	F	H1	H2	DNA	DNM	I	L	M	
PM 45	PMT 45	63	50	20	260	120	101	100	80	158	63	143	1" G	1" G	265	150	175	6,5
PM 45BR	PMT 45BR	63	50	20	260	120	101	100	80	158	63	143			265	150	175	7
PM 65	PMT 65	71,5	42	20	256	120	101	100	80	158	63	145			285	150	180	8,5
PM 80	PMT 80	72,5	41	20	280	135	112	112	89	172	71	152			300	170	195	10,5
PM 90	PMT 90	74,5	50	20	286	135	112	112	89	172	71	158			310	185	195	11



TYPE		DIMENSIONS (mm)																
1~	3~	A	B	B1	C	D	D1	E	E1	F	H1	H2	DNA	DNM	I	L	M	
PM 45A	PMT 45A	63	89	20	240	120	101	100	80	158	150	184	1" G	1" G	300	170	195	7,5
PM 65A	PMT 65A	71,5	101	20	248	120	101	100	80	158	157	193			300	170	195	9
PM 80A	PMT 80A	71,5	101	20	271	135	112	112	89	172	165	201			290	170	230	11



TYPE	DIMENSIONS (mm)																	
1~	A	B	B1	C	D	D1	E	E1	F	H1	H2	DNA	DNM	I	L	M		
PM 50	52	42	20	221	120	85	98	67	154	63	139	1" G	1" G	245	150	175	5,5	