

PM



PM/A

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

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

Motor

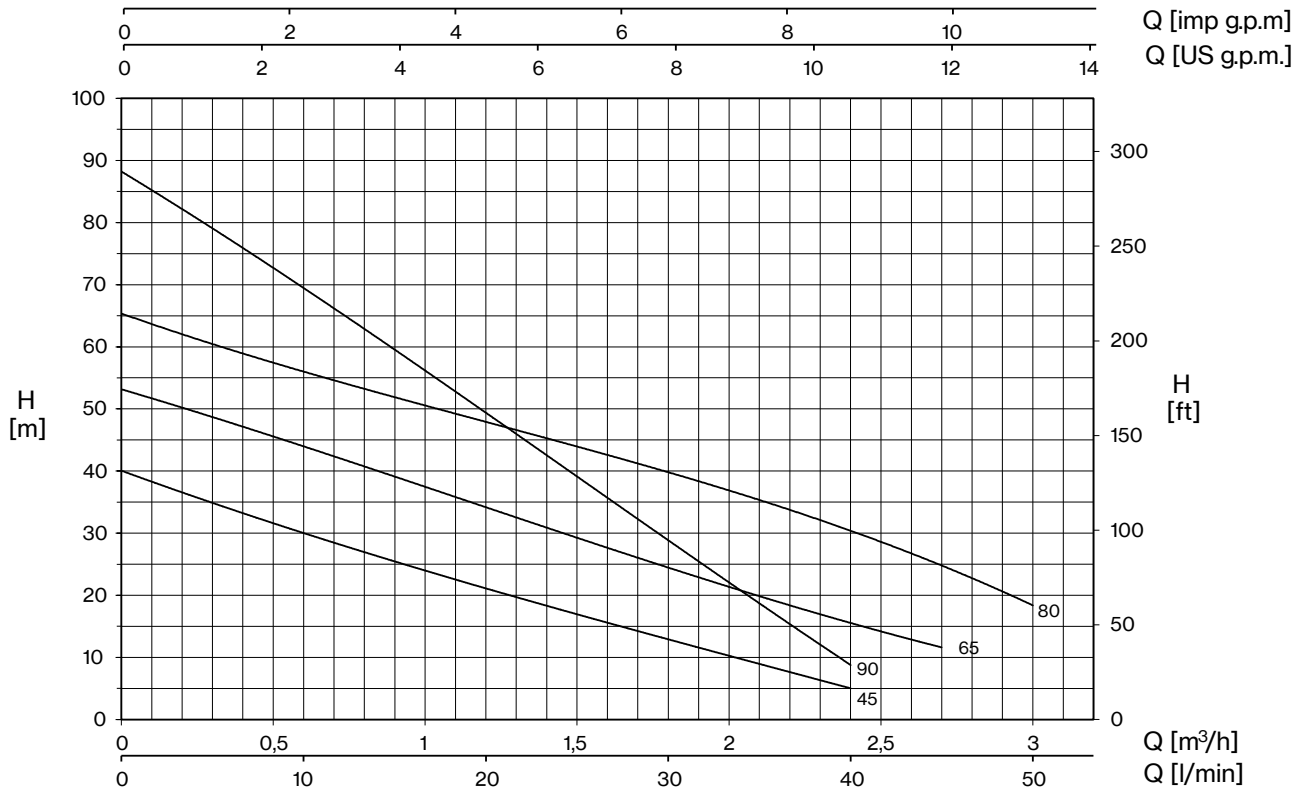
2 Poles induction motor	3~ 220/380V - 60Hz 1~ 220V - 60Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4

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

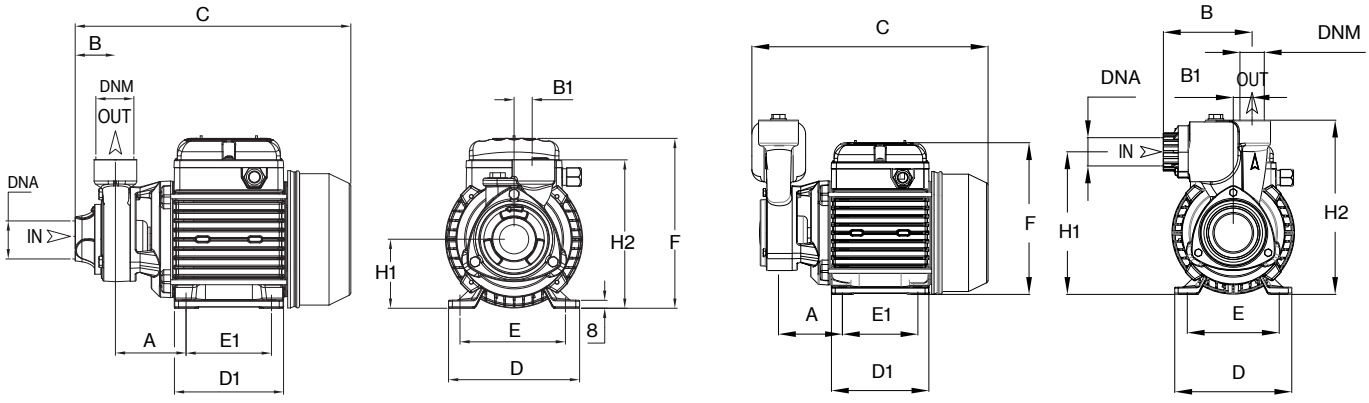
PMT 45 A

- pump type
- motor: (blank) 1~ / **T** 3~
- version: (blank) standard / **A** self-priming / **BR** bronze pump body

LOTS				
TYPE	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
PM 45(BR)	85×110×170	198	85×110×190	220
	80×120×170	207	80×120×190	230
PM 45A PM 65A PM 80-90	80×110×170	105	85×110×190	135
			85×120×170	136
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



TYPE - 60 Hz		P2		P1		CURRENT		Q (m³/h - l/min)							
1~	3~			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 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		



TYPE		DIMENSIONS (mm)																Kg
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			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 45A	**PMT 45A**	63	89	20	240	120	101	100	80	158	150	184			300	170	195	7,5
PM 65	**PMT 65**	71,5	42	20	256	120	101	100	80	158	63	145	1" G	1" G	285	150	180	8,5
PM 65A	**PMT 65A**	71,5	101	20	248	120	101	100	80	158	157	193			300	170	195	9
PM 80	**PMT 80**	72,5	41	20	280	135	112	112	89	172	71	152			300	170	195	10,5
PM 80A	**PMT 80A**	71,5	101	20	271	135	112	112	89	172	165	201			290	170	230	11
PM 90	**PMT 90**	74,5	50	20	286	135	112	112	89	172	71	158			310	185	195	11