

SURFACE PRESSURE **CMH**

surface pump multistage



clean water



domestic use

Horizontal outlet

DN 1" - **CMH 10, CMH 20**

DN 1" ¼ - **CMH 30, CMH 40**



CHARACTERISTICS OF A CMH PUMP

1. CONSTRUCTION

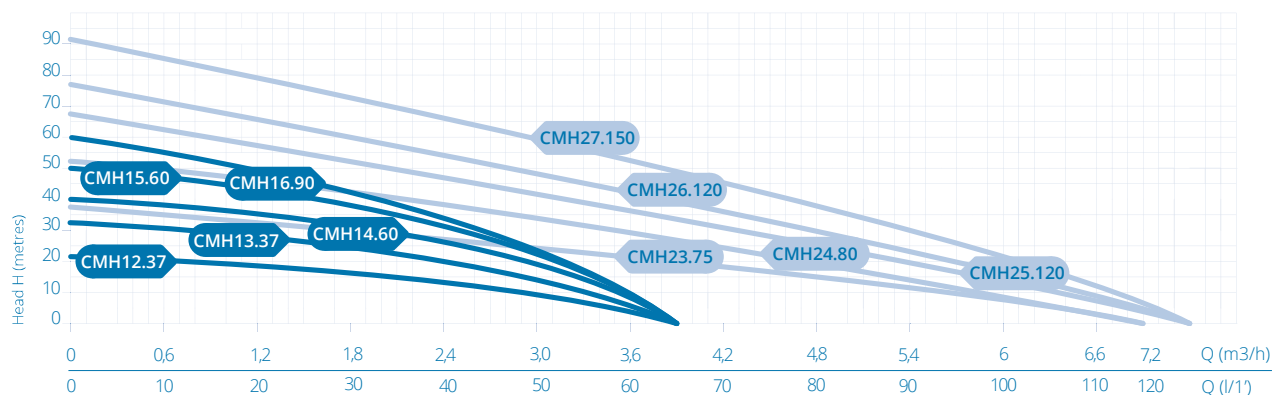
Suction and discharge body in cast iron
Exterior shell, shaft and impeller in stainless steel, diffuser in Noryl
Sealing by mechanical seal carbon ceramic
Possibility of SIC / SiC on request

2. MOTOR

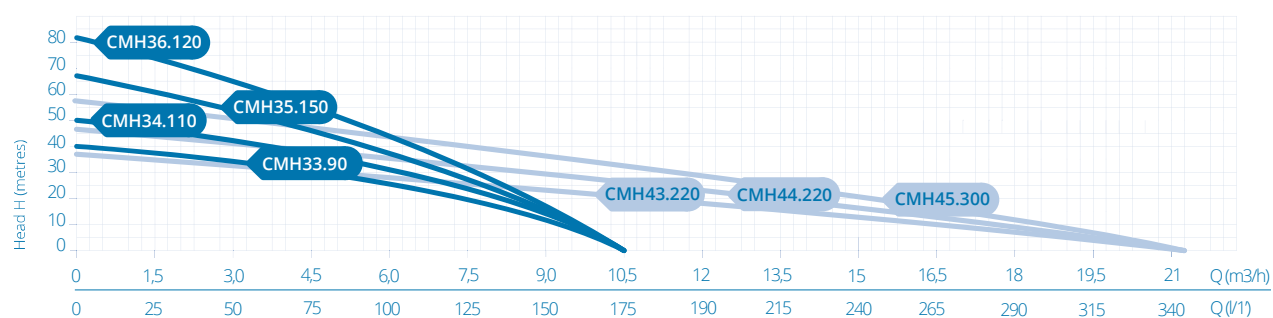
Protection IP44, insulation class F
Capacitor incorporated in single phase
Maximum water temperature 35°

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50Hz

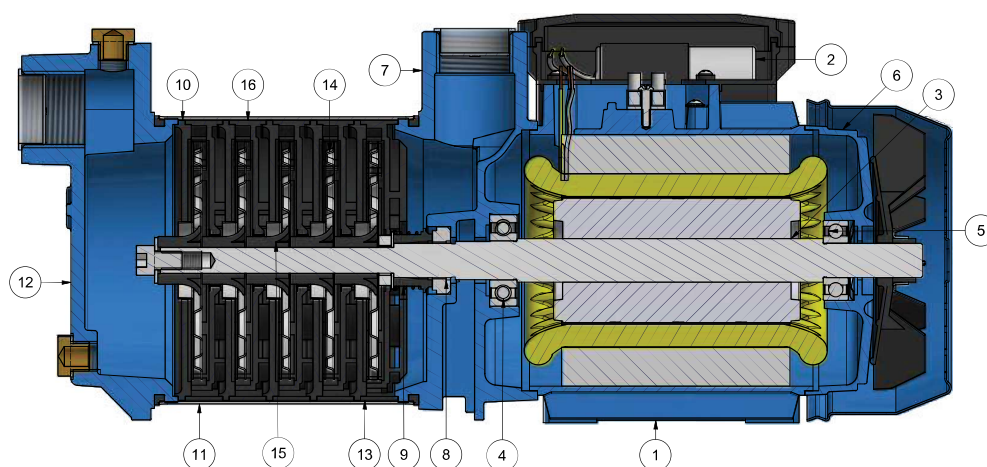


50Hz



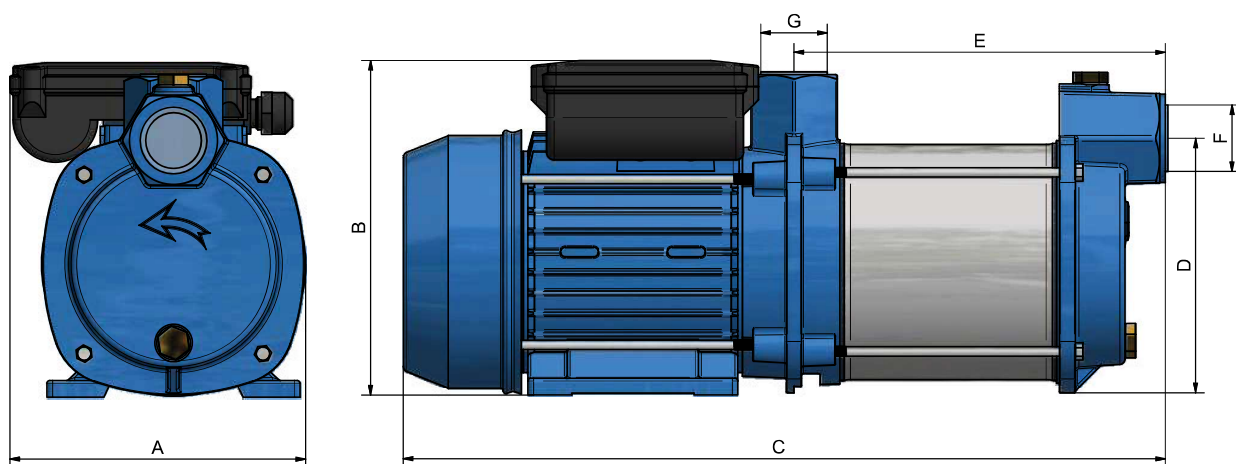
TYPE	POWER	MOTOR		3~ A	PORT DN	Q l/min	m³/h															
		1~ A	μF				0	0,6	1,2	1,8	2,4	3	4,5	5,7	9	10,5	12	15	18	19,8		
CMH 12.37	0,37 — 0,6 — 0,9	2,2	10	1,1	1"		21	20	18	15	12	7										
CMH 13.37		2,6	12	1,2			32	30	27	23	18	11										
CMH 14.60		3,45	14	1,4			40	37	33	28	22	14										
CMV 15.60		3,9	18	1,6			50	46	41	34	26	17										
CMH 16.90		4,9	20	1,9			60	55	49	41	31	20										
CMH 23.75	0,75	4,2	16	1,8	1"		38	37	36	35	33	29	19	10								
CMH 24.80	0,8	5,4	16	2,3			52	51	48	46	43	39	27	15								
CMH 25.120	1,2 —	7,2	20	2,8		H - meters	67	65,5	63	59	56	51	39	24								
CMH 26.120		7,8	25	3,5			78	76,5	74	71	67	62	46	29								
CMH 27.150		1,5	8,6	25		3,8		91	89	86	84	80	75	59	39							
CMH 33.90	0,9	7	25	3,3	1"¼		40	39,5	39	38	37	36	32	28	13,5	4,5						
CMH 34.110	1,1	9	35	3,5			50	49,5	49	48,5	48	47	43	39	20	7,5						
CMH 35.150	1,5	11,8	40	4,2			66	65,5	65	64	63	62	57	52	28	11						
CMH 36.120	2,2	12,4	50	5			81	80,5	79,5	78	76	75	69	63	36	14,5						
CMV 43.220	2,2 — 3	11	40	3,6	1"½		36	35,5	35	34,5	34	33	32	30	26	24	22	16	10	6		
CMV 44.220		12	40	4,2			46	45,5	45	44,5	44	43	42	40	35	33	30	24	15	9		
CMV 45.300.3		-	-	6			57	56,5	56	55,5	55	54	53	50	44	41	38	30	22	13		

COMPONENTS AND MATERIALS



POS.	COMPONENT	MATERIALS
1	Stator on Casing	
2	Capacitor	
3	Rotor / Shaft	Steel and Aluminium / Stainless Steel
4	Bearing	Steel
5	Bearing	Steel
6	Cover	Aluminium
7	Body Impulse	Iron Cast
8	Mechanical Seal Fixe	Noryl
9	Mechanical Seal Mobile	Nitrile Rubber / Ceramics
10	Diffuser Cover	Graphite Steel
11	Motor Casing	Noryl
12	Aspiration Body	Stainless Steel
13	Initial Diffuser	Iron Cast
14	Impeller	Noryl
15	Bushing Noryl For Impeller	Stainless Steel
16	Diffuser Lid Welded	Stainless Steel

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)						WEIGHT
	A1	A2	R	I	L	M	Kg
CMH 12.37	108	147	128,5	155	320	165	8,2
CMH 13.37			154		338		8,3
CMH 14.60			179		355		8,5
CMH 15.60			204		373		9,0
CMH 16.90			229		400		9,2
CMH 23.75	37	171	176	170	400	193	13,0
CMH 24.80			205		424		13,5
CMH 25.120			234		448		14,0
CMH 26.120			263		472		14,5
CMH 27.150			292		496		16,0
CMH 33.90	160	190	202	188	447	215	17,0
CMH 34.110			236		475		17,5
CMH 35.150			269		503		19,0
CMH 36.120			303		531		20,0
CMH 43.220	160	200	250	170	500	200	20
CMH 44.220			290		540		22
CMH 45.300.3			325		610		26