

APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution

through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.

MATERIALS

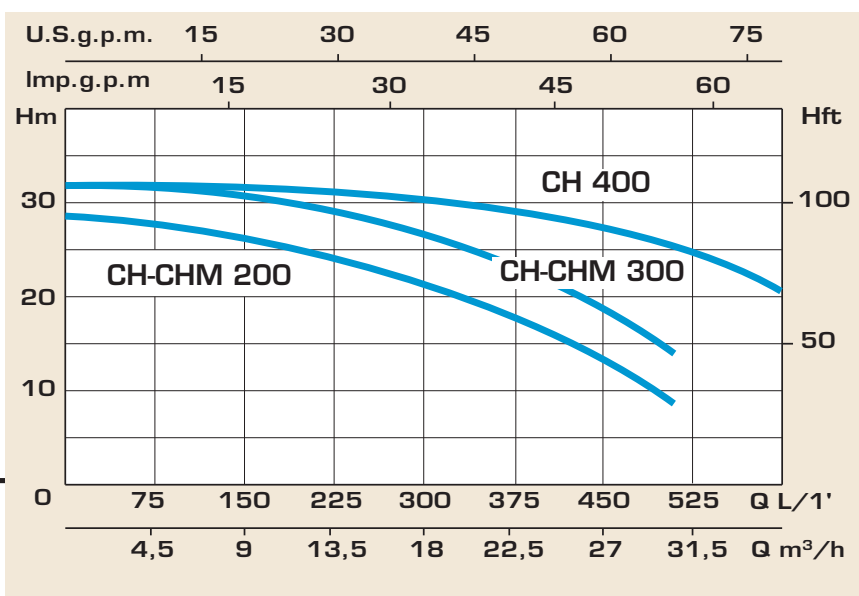
- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Brass
- Shaft with rotor Stainless Steel
- Mechanical seal Carbon/Ceramic

OPERATING CONDITIONS

- Max. working pressure 6 bar
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

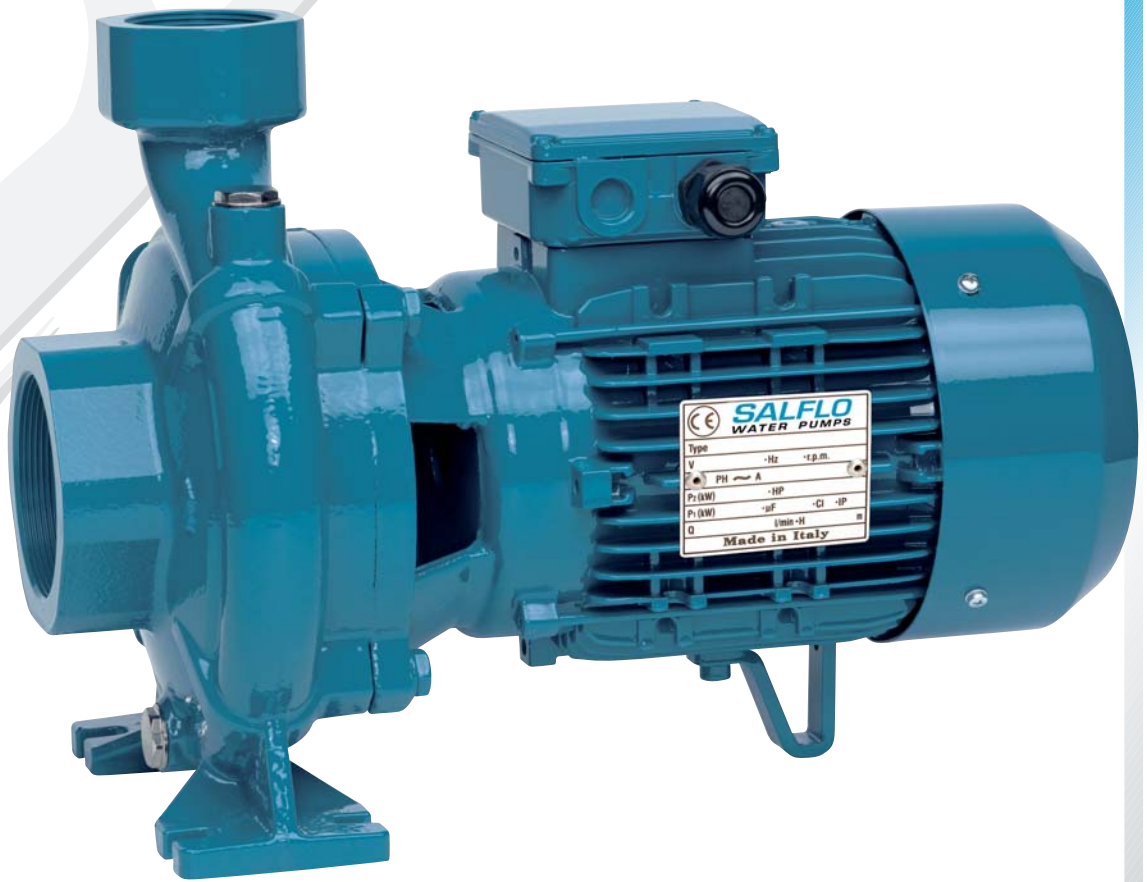
- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44



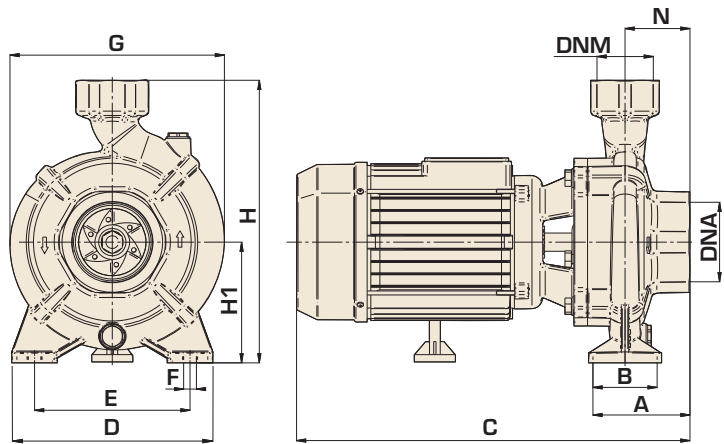
TECHNICAL DATA

TYPE		NOMINAL POWER P2		INPUT POWER P1	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	6	9	12	18	21	24	27	30	36	42
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	lt./1'	100	150	200	300	350	400	450	500	600	700
CHM 200	CH 200	2	1,5	2,5	11,5	4,2	H (m)	28	27	25,5	21,4	18,6	15,8	12	8		
CHM 300	CH 300	3	2,2	3	13,6	5,3		32	31	29,5	26	23	20	17	14		
	CH 400	4	3	4,2		7,6		32	31,8	31,6	29,8	28	27,7	24	23	19	13

CENTRIFUGAL IRRIGATION PUMPS



CHM



DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm												DIMENSIONS mm			Weight
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
CHM 200	CH 200	96	55	394	205	165	14	220	286	119	69	2"	2"	250	450	340	25
CHM 300	CH 300	96	55	426	205	165	14	220	286	119	69	2"	2"	250	450	340	29
	CH 400	99	55	496	215	170	14	235	309	132	71	3"	2"	250	450	340	31