

Single impeller centrifugal pumps manufactured in cast iron, suitable for pressure boosting of water for irrigation, and non-aggressive liquids for civil and industrial uses.  
CRE series is fitted with an open impeller for suspended solids handling.



Model : CPE



Model : CSE



Model : CRE



Model : CFE

## SPECIFICATIONS

- \* Maximum working pressure:  
6 bar for CPE 100-150-200-300
- \* Maximum liquid temperature:  
45°C for CPE 100  
80°C for other models

## TECHNICAL DATA

- \* T.E.F.C. 2 poles motor
- \* Insulation class F
- \* Protection degree IP55  
1Ø220V 50Hz, available up to 2.2 kW.  
3Ø220V/380V 50Hz up to 2.2 kW.  
Other voltages available on request.

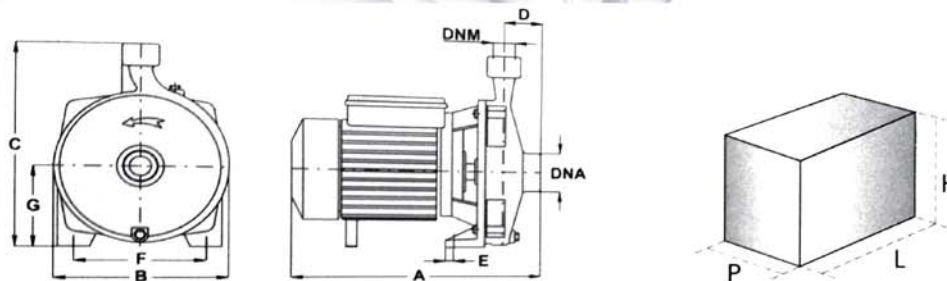
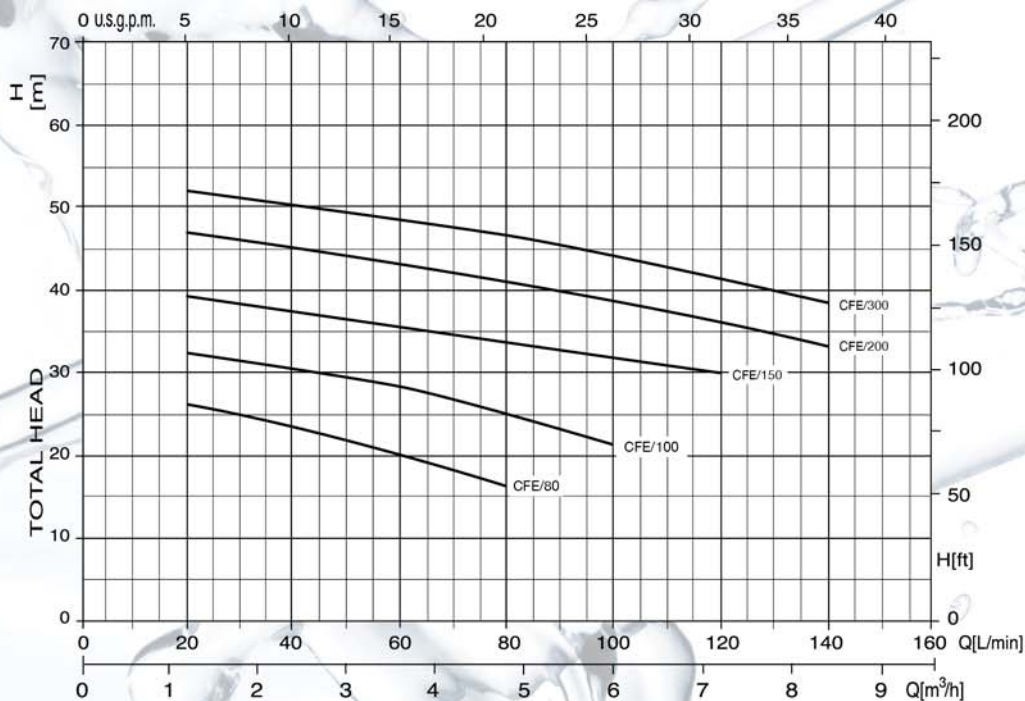
## MATERIALS

- \* Pump body in cast iron
- \* Mechanical seal in carbon/ceramic/NBR
- \* Impeller: - Cast iron, closed type (option : bronze impeller, at extra price)  
- Open Impeller for CRE-100  
(passage of solids: max. dia. 8 mm)  
- in noryl for CFE 80-100-150-200-300
- \* Shaft: - in stainless steel
- \* Bracket: - in cast iron for all models

### SERIES CFE SINGLE IMPELLER CENTRIFUGAL PUMPS

MOD	POWER		CAPACITOR	ABSORBED AMP			Q=DELIVERY								
	HP	KW		230V-M	230V-T	400V-T	M3H	0	12	24	36	48	6	72	84
			MF/450V				LT/MIN	0	20	40	60	80	100	120	140
CFE/80	0.75	0.55	16	4.5	2.6	1.5	H=MT	27	26	24	19	16			
CFE/100	1	0.75	20	5.2	3.2	1.8		33	31	30	28	25	21		
CFE/150	1.5	1.1	31.5	8.9	4.8	3		40	39	37	35	34	32	30	
CFE/200	2	1.5	40	11.9	6.4	3.8		48	46	44	43	41	39	37	33
CFE/300	3	2.2	45	14	9.2	5.2		53	51	50	48	46	44	42	38

### PERFORMANCE CURVES CFE ( according to ISO 9906 grade 2 )



TYPE	A mm	B mm	C mm	D mm	E mm	F mm	G mm	DNA	DNM	L mm	H mm	P mm	KG (noryl imp.)
CFE/80	325	185	250	46	17	140	98.5	1"	1"	320	275	210	13.5
CFE/100	325	185	250	46	17	140	98.5	1"	1"	320	275	210	14.5
CFE/150	370	225	295	50	20	170	115	1 1/4"	1"	385	320	235	20.5
CFE/200	380	225	295	50	20	170	115	1 1/4"	1"	385	320	235	25
CFE/300	405	225	295	50	20	170	115	1 1/4"	1"	385	320	235	25.5