

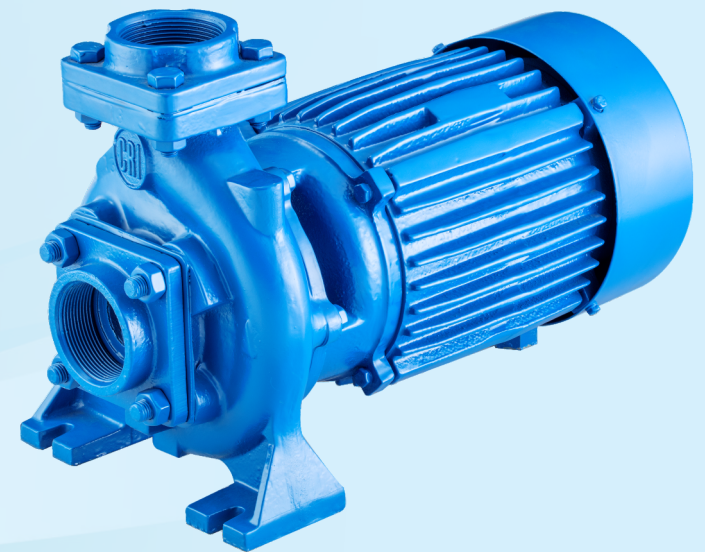


C.R.I. PUMPS

Pumping trust. Worldwide.

CENTRIFUGAL MONOBLOCK

CT & BP SERIES



Product Performance Catalogue

CENTRIFUGAL MONOBLOCK

CT & BP SERIES



C.R.I. Centrifugal Monoblock Pump sets are powered by totally enclosed fan cooled AC induction two pole motor. Motor stator is made to low watt less silicon steel laminations assembled under pressure and locked in the frame. The windings are of high-grade enamelled copper wire offer excellent resistance and are varnish impregnated. Construction of motor frame and usage of quality materials result in high performance and low temperature rise thereby increasing the life cycle of the motor.

SPECIAL FEATURES

- | High operating efficiency resulting in lower power consumption
- | Good suction lift characteristics
- | Specially designed for wide voltage operation
- | Back pull-out design for easy servicing & repair
- | Double shield ball bearings, so no need of external lubrication

MATERIAL OF CONSTRUCTION

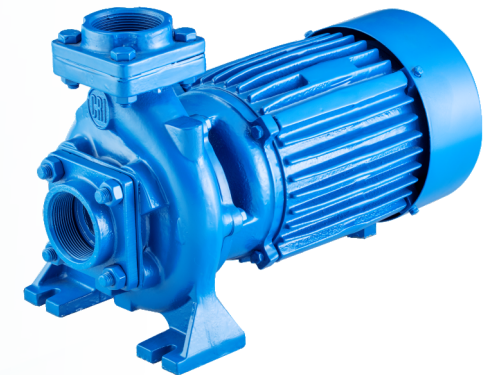
- Pump Casing : Cast Iron
- Impeller : Cast Iron/Bronze
- Motor Frame : Cast Iron/Aluminium
- Shaft : SS 410
- Mechanical Seal : Carbon & Ceramic

SPECIFICATIONS

	CT SERIES	BP SERIES
Power range	0.75 kW – 1.1 kW	2.2 kW - 5.5 kW
Speed	2900 RPM	
Version	3Ph - 380 - 415V, 50Hz AC Supply	
Max. Head	43 m	54 m
Max. Flow Rate	25.2 m ³ /h	68 m ³ /h
Sealing	Mechanical Seal	Mechanical Seal Gland Packing
Degree of protection	IP 54	
Class of insulation	"B"	"F", "B"
Max. ambient temperature	40°C	
Type of duty	S1 (continuous)	

APPLICATIONS

- | Domestic | Industries
- | Irrigation | Civil applications
- | Farms | Drip & Sprinkler systems
- | Gardens | Water treatment Plants





CT Series - "B" Class

Model Name	kW	HP	S x D	m ³ /hr	0	2.2	2.6	3.8	4.2	4.6	5.4	6.1	6.8	7.6	8.3	9.0	9.7	10.4	11.2	11.9
				lps	0	0.6	0.7	1.1	1.2	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
CT-25-148-C-C-M 1B-2-T	0.75	1	25 x 25	Head in mtrs	31.0	27.5	27.0	26.0	25.2	25.0	24.0	23.0	17.5	13.0						
CT-25-177-C-S-M 1.5B-2-T	1.1	1.5	32 x 25		43.0	-	-	37.5	37.2	36.8	36.1	35.4	34.5	33.5	32.8	32.0	31.0	29.8	28.3	23.0

Model Name	kW	HP	S x D	m ³ /hr	0	10.8	14.4	18.0	21.6	25.2	28.8
				lps	0	3.0	4.0	5.0	6.0	7.0	8.0
CT-50-138-C-C-M 2B-2-T	1.5	2	50 x 50	Head in mtrs	23.5	21.0	20.0	18.5	16.3	13.7	0.0

BP Series - "F" Class

Model Name	kW	HP	S x D	m ³ /hr	0	7.2	10.8	14.4	18.0	21.6	25.2	28.8	32.4	36.0
				lps	0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
BP-40-173-C-C-M 3F -2-T	2.2	3.0	50 x 40	Head in mtrs	34.5	32.8	30.0	25.0	19.0	12.5				
BP-50-165-C-C-M 5F -2-T	3.7	5.0	65 x 50		38.5	38.0	37.5	36.5	33.5	31.0	27.5	24.5	20.5	
BP-50-195.4-C-C-M 7.5F-2-T	5.5	7.5	65 x 50		54.0	53.0	52.0	50.5	48.5	45.8	44.8	38.0	33.8	24.0

BP Series - "B" Class

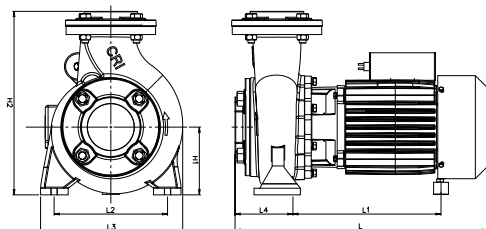
Model Name	kW	HP	S x D	m ³ /hr	0	31	32	34	36	37	40	43	47	50	54	57	61	65	68
				lps	0	8.5	9	9.5	37	10.5	11	12	13	14	15	16	17	18	19
BP-65-151-CL-C-G-3-B-2-T	2.2	3	80 x 65	Head in mtrs	19	18.5	18	17.5	17	16.5	16	15.5	14	13	11.5				
BP-65-152-CL-C-G-5-B-2-T	3.7	5	80 x 65		28	27	27	26.5	26.5	26	25.5	25	24	23.5	22	21	19.5	18	16

Model Name	kW	HP	S x D	m ³ /hr	0	18	21.6	25.2	27	28.8	30.6	32.4	34.2	36	37.8	39.6	43.2
				lps	0	5	6	7	7.5	8	8.5	9	9.5	10	10.5	11	12
BP-50-148-CL-C-G-3-B-2-T	2.2	3	65 x 50	Head in mtrs	26	24	23	22	21.5	21	20.5	20	19.5	19	18	17	16
BP-50-151-CL-C-G-5-B-2-T	3.7	5	65 x 50		36	-	-	34.5	32	30	27	23.5	20	16	-	-	-

DIMENSIONAL DRAWING

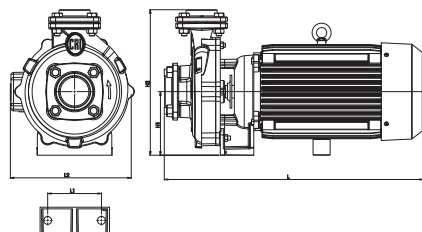


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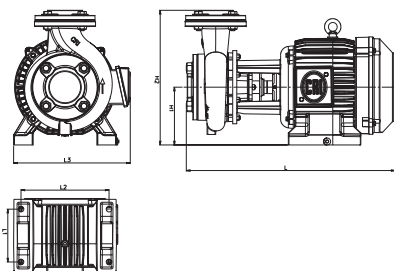
CT Series - "B" Class

Item Code	Description	HP / kW	H1	H2	L	L1	L2	L3	L4	Weight (kg)
606957	CT-25-177-C-S-M 1.5 -2-T	1.5 / 1.1	125	306	435	260	180	230	100	35
606960	CT-50-138-C-C-M 2 -2-T	2 / 1.5	105	273	425	257	153	205	88	38
606965	CT-25-148-C-C-M 1 -2-T	1 / 0.75	110	262	382	225	140	188	80	26



BP Series - "F" Class

Item Code	Description	HP / kW	L	L1	L2	H1	H2	Weight (kg)
606973	BP-40-173-C-C-M 3F -2-T	3 / 2.2	446	75	240.5	141.5	327.5	38.35
602184	BP-50-165-C-C-M 5F -2-T	5 / 3.7	573.3	126	259	140	339.5	59.38
602185	BP-50-195.4-C-C-M-7.5-F-2-T	7.5 / 5.5	606.8	126	283.4	149	341	67.08



BP Series - "B" Class

Item Code	Description	HP / Kw	L	L1	L2	L3	H1	H2	Weight (kg)
609857	BP-65-151-CL-C-G-3-B-2-T	3 / 2.2	578	154	185	321.5	135	344	64.5
609858	BP-50-148-CL-C-G-3-B-2-T	3 / 2.2	563	154	185	321.5	135	310	65.1
609859	BP-65-152-CL-C-G-5-B-2-T	5 / 3.7	594	144	235	326.5	156.5	365.5	75.0
609860	BP-50-151-CL-C-G-5-B-2-T	5 / 3.7	584	180.5	185	326.5	131	324.5	70.4

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