



Centrifugal Jet Pumps

FEATURES

Maintenance Free
 High Operating Efficiency
 Rigid Construction
 Dynamically balanced Rotor & Impellers
 Low Noise

CONSTRUCTION

SPDP & TEFC in Single Stage Jet Pumps
 Pump Casing adaptor : Cast Iron
 Impeller : Noryl, SS
 Mechanical Seal : Ceramic & Graphite
 Rust free stainless steel sleeve

Single Stage

HP	KW	TYPE	SUCTION, PRESSURE & DELIVERY PIPE SIZES (mm)	DELIVERY PRESSURE (M)	Discharge in LPH	Jet Setting Depth in Meters (DLWL)														
						15	20	25	30	35	40	45	50	55	60					
0.5	0.37	BH2	32 x 25 x 25	11		960	600	300												
1.0	0.75	EM2	32 x 25 x 25	18		1560	1260	960	600	420										
1.0	0.75	EM1	40 x 32 x 25	16		1800	1440	1080	780	480										
1.5	1.1	EH2	32 x 25 x 25	29					810	750	630	540	420	300	240					

Two Stage

HP	KW	TYPE	SUCTION, PRESSURE & DELIVERY PIPE SIZES (mm)	DELIVERY PRESSURE (M)	Discharge in LPH	Jet Setting Depth in Meters (DLWL)														
						15	20	25	30	35	40	45	50	55						
1.0	0.75	BH2	32 x 25 x 25	25				770	630	510	400	300	220	120						
1.0	0.75	BM2	32 x 25 x 25	25		1650	1380	1040	740	510	330									

Multi Stage

HP	KW	TYPE	SUCTION, PRESSURE & DELIVERY PIPE SIZES (mm)	DELIVERY PRESSURE (M)	Discharge in LPH	Jet Setting Depth in Meters (DLWL)															
						35	40	45	50	55	60	65	70	75	80	85	90				
1.0	0.75	BH2	32 x 25 x 25	27		540	480	420	300	240											
1.5	1.1	BH2	32 x 25 x 25	42					600	550	500	400	350								
2.0	1.5	BH2	32 x 25 x 25	54							520	490	450	410	370	330	280				

The above performances are based on a means supply voltage of 220 V - 1 ph / 415 V - 3 ph, 50 Cycles.



Besten

World class Pumps

Centrifugal Monobloc Pumps (Single & Three Phase)

FEATURES

- Most modern and latest in design
- Low power consumption
- All the units are thoroughly tested
- Silent, Vibration - free running

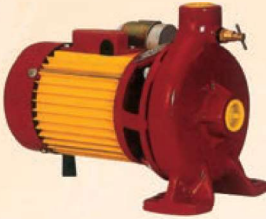


CONSTRUCTION

- Available in SPDP & TEFC
- Impeller : Noryl, CI
- Mechanical Seal : Ceramic & Graphite
- Self lubricated double ball bearing
- Volute casing is made of close grained cast iron in 3 Ph pumps

TEFC model available in 3 phase only.

Centrifugal Monobloc Pumps (Single & Three Phase)



SINGLE PHASE

S. No.	HP	KW	TYPE	Pipe Size (mm)	Discharge in LPM	Head in Metres																	
						8	10	12	14	16	18	20	22	24	26	28	30	32					
Single Stage																							
1.	0.5	0.37	BC1	50 x 50	Discharge in LPM	190	165	120															
2.	0.5	0.37	BC2	25 x 25		100	95	85	75	55													
3.	0.5	0.37	BC3	25 x 25		122	114	106	94	80	70	55	30										
4.	1.0	0.75	BC1	50 x 50		268	247	216	157														
5.	1.0	0.75	BC2	40 x 32		220	210	200	189	170	150	120											
6.	1.0	0.75	BC3	25 x 25					130	126	120	105	75	43	20								
7.	1.5	1.10	BC1	50 x 50		336	318	291	267	225	120												
8.	1.5	1.10	BC2	40 x 32						148	140	129	118	104	80								
9.	1.5	1.10	BC3DP	40 x 32							164	156	150	140	124	114							
10.	2.0	1.50	BC1	80 x 65		642	576	474	321														
11.	2.0	1.50	BC1A	80 x 80		810	654	570	474														
12.	2.0	1.50	BC2	65 x 50		445	430	400	385	355	320	260											
13.	2.0	1.50	BC3	50 x 50		354	340	330	310	280	225	215											
14.	2.0	1.50	BC4DP	40 x 40								204	200	196	192	185	160	128					
15.	3.0	2.25	BC1A	80 x 80		815	660	620	530	515													
Two Stage																							
1.	1.0	0.75	BC2	32 x 25				169	165	159	155	148	137	132	117	111	99	84					

The above performances are based on a means supply voltage of 220 V - 1 ph 50 Cycles.

THREE PHASE

HP	KW	TYPE	SUC. & DEL. (mm)	Discharge in LPM	Head in Metres																		
					6	9	12	15	18	21	24	27	30	33	36	39	42	45	48				
3.0	2.2	BC1	100 x 80	Discharge in LPM	1040	850	500																
3.0	2.2	BC2	80 x 65		800	720	500																
3.0	2.2	BC3	80 x 65			600	560	490															
3.0	2.2	BC4	65 x 50				520	480	340														
3.0	2.2	BC5	65 x 50					320	295	270	220												
3.0	2.2	BC6	50 x 40							210	200	185	170	130									
5.0	3.7	BC1	100 x 80		1250	1160	1000	900															
5.0	3.7	BC2	80 x 65			1110	960	820	700														
5.0	3.7	BC3	80 x 65						650	630	500	400											
5.0	3.7	BC4	65 x 50						660	600	540	360											
5.0	3.7	BC5	65 x 50									395	355	320	270								
5.0	3.7	BC6	50 x 40											230	220	210	200	170	130				

The above performances are based on a means supply voltage of 415 V - 3 ph, 50 Cycles.

Centrifugal Regenerative Pumps (Self Priming)



FEATURES

Compact, Efficient and reliable in operation
Designed to operate under wide voltage fluctuations
Require very simple maintenance
Trouble free service
Need not use Foot valve

APPLICATIONS

Pumps water from sumps and shallow wells
One can lift the pump anywhere they wish
Car Washing
Small raise buildings
Gardening and Fountains



CONSTRUCTION

Extruded aluminum body / CI body
Powder coated
Impeller : Gun Metal
Inbuilt Thermal Overload Protector
Seal : Ceramic & Graphite
Self lubricated double ball bearings



S. No.	HP	KW	TYPE	Pipe Size (mm)	Discharge in LPM	Head in Metres														
						3	6	9	12	15	18	21	24	27	30	33	36	39	42	
1.	0.5	0.37	BR2K	25 x 25	45	40	34	30	27	24	22	20	17	15						
2.	0.5	0.37	BR2KH	25 x 25	45	40	34	30	27	24	22	20	17	15						
3.	0.5	0.37	BR2KE	25 x 25	25	23	21	14	12	10										
4.	1.0	0.75	BR1K	25 x 25	56	54	51	47	43	40	36	33	29	26	24	20	18	16		
5.	1.0	0.75	BRIECO	25 x 25	50	47	43	40	37	36	34	33	28	25	23	20	16	13		

The above performances are based on a means supply voltage of 220 V - 1 ph 50 Cycles.

