



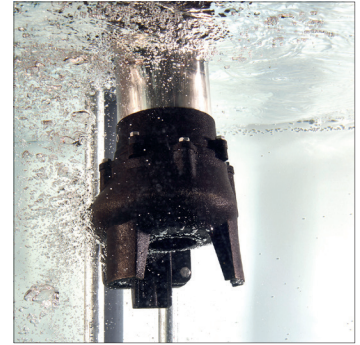
## BCV (3")

SOLIDS: 50mm - 80mm

The **BCV** series with 75mm/3" outlet have vortex impellers and large pump casings, for pumping sewage and waste containing fibrous material, submerged debris and solids. Construction is in cast iron and stainless steel. High flow and large solids capacity are major features of these pumps. Standard discharge is a square flange with a separate 3" BSPF elbow and a 75mm hose tail (both supplied) however **BCV-1500-50** is also available with a round, horizontal flange to enable connection to other manufacturer's guide rail systems. An auto-coupling set is available as an optional extra to allow the fitting of guide rails on all models. (See page 84). Available as manual or with a pendant float switch, for automatic operation (230v only). They are not recommended for ponds or water features.

**Fluid:** Water | Dirty water | Sewage | Water with suspended material | Temperature: 0 - 40°C

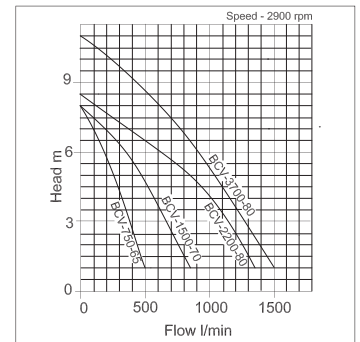
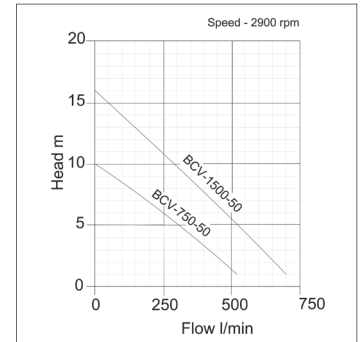
**Application:** Industry | Agriculture | Sewage treatment | Pumping stations



BCV (3")	<b>Impeller</b>	<b>Shaft seal</b>	<b>Level switch (automatic)</b>
	Vortex	Double mechanical	Pendant (optional)

Pump	<b>Handle</b>	<b>Bearing housing</b>	<b>Pump case &amp; outlet flange</b>	<b>Impeller</b>
	Steel & rubber	Grey cast iron	Grey cast iron	Grey cast iron
	<b>Shaft</b>	<b>Shaft seal</b>	<b>Lubrication</b>	<b>Switch (automatic)</b>
	S/S 410	Silicon carbide & NBR	Oil	Polypropylene

Motor	<b>Poles, protection</b>	<b>Insulation</b>	<b>Thermal protection</b>	<b>Starting 1ph/3ph</b>
	2 pole, IP68	Class B	Integral	Capacitor/D.O.L.
	<b>Head cover</b>	<b>Motor casing</b>	<b>Power cable (10mtr) &amp; switch cable</b>	
	Grey cast iron	S/S 304	Rubber	



BCV-2200-80A



BCV-1500-50-R



Auto Coupling

item code	model	Manual or Auto	outlet (BSPF/conn)	kW	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm) *inc elbow	dry weight (kgs)	optional item 1 (auto-coupling)
15-10-1014	BCV-750-65	M	3"	0.75	230	590	6	65	200x370x550	23.6	TOS-S3
15-10-1045	BCV-750-65	M	3"	0.75	400	590	6	65	200x370x550	23.6	TOS-S3
15-10-1035	BCV-750-65A	A	3"	0.75	230	590	6	65	200x370x550	24.6	TOS-S3
15-10-1087	BCV-1500-50	M	3"	1.50	230	700	16	50	210x387x560	33.3	TOS-S3
15-10-1112	BCV-1500-50-R	M	FLANGE	1.50	230	700	16	50	210x250x560	32.8	n/a
15-10-1072	BCV-1500-50	M	3"	1.50	400	700	16	50	210x387x560	33.3	TOS-S3
15-10-1116	BCV-1500-50-R	M	FLANGE	1.50	400	700	16	50	210x250x560	32.8	n/a
15-10-1002	BCV-1500-50A	A	3"	1.50	230	700	16	50	210x387x560	34.2	TOS-S3
15-10-1114	BCV-1500-50A-R	A	FLANGE	1.50	230	700	16	50	210x250x560	33.7	n/a
15-10-1052	BCV-1500-70	M	3"	1.50	230	850	8	70	220x390x620	33.3	TOS-L3 & TOS-L4
15-10-1059	BCV-1500-70	M	3"	1.50	400	850	8	70	220x390x620	33.3	TOS-L3 & TOS-L4
15-10-1033	BCV-1500-70A	A	3"	1.50	230	850	8	70	220x390x620	34.2	TOS-L3 & TOS-L4
15-10-1075	BCV-2200-80	M	3"	2.20	230	1350	8.5	80	245x490x690	71.1	TOS-L3 & TOS-L4
15-10-1089	BCV-2200-80	M	3"	2.20	400	1350	8.5	80	245x490x690	71.1	TOS-L3 & TOS-L4
15-10-1037	BCV-3700-80	M	3"	3.70	400	1500	11	80	245x490x690	81.4	TOS-L3 & TOS-L4