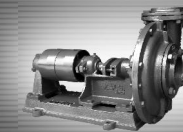


“KALSI” BELT DRIVEN CENTRIFUGAL PUMPS
Performance Chart of Belt Driven Horizontal Centrifugal Pumps
(for Agricultural and Water Supply Purposes)
IS: 6595 (Part 1) : 2002



Sr. No.	Size in mm	RPM	Capacity	Total Head in Metres								Recommendations for Optimum Efficiency		ISI Mark
				8 M	10 M	12 M	14 M	16 M	18 M	20 M	22 M	Head (Mtr)	Discharge (Lps)	
1.	200 x 200 (S)	1200	LPS	85.5	80.5	75.5	70.0	56.5	25.0	---	---	16.0	55.0	
2.	150 x 150 (L)	1200	LPS	---	76.0	69.5	58.0	45.0	18.0	---	---	15.0	48.0	
3.	150 x 125 (L)	1200	LPS	---	69.0	66.0	46.0	32.0	---	---	---	14.0	42.0	
4.	125 x 125 (L)	1200	LPS	56.0	50.0	46.0	34.0	--	---	---	---	13.0	40.0	
5.	100 x 100	1200	LPS	47.0	43.0	39.0	32.0	23.0	---	---	---	14.5	22.0	
6.	100 x 80	1440	LPS	45.0	41.0	40.0	38.5	36.5	33.0	28.0	---	19.0	28.0	
7.	100 x 80	1200	LPS	37.5	34.0	29.5	23.5	---	---	---	---	14.0	21.5	
8.	80 x 80	1200	LPS	28.0	25.5	22.0	18.0	14.0	---	---	---	14.0	15.2	
9.	80 x 65	1440	LPS	26.5	25.0	23.0	21.0	19.0	16.5	---	---	17.0	13.2	
10.	65 x 65	1440	LPS	---	---	19.0	18.5	17.0	15.5	14.5	---	20.0	13.0	
11.	65 x 50	1440	LPS	---	---	---	20.0	18.5	17.5	14.0	8.0	20.2	12.5	

PERFORMANCE OF HIGH HEAD, BELT DRIVEN HORIZONTAL CENTRIFUGAL PUMPS (for Agricultural and Water Supply Purposes)

Sr. No.	Size in mm	RPM	Capacity	Total Head in Metres									
				12 M	14 M	16 M	18 M	20 M	22 M	24 M	26 M	28 M	30 M
1.	100 x 80 (K-3)	1440	LPM	---	2020	1925	1840	1690	1520	1225	---	---	---
2.	80 x 65 (K-3)	1440	LPM	1030	1020	1010	1000	970	925	800	---	---	---
3.	65 x 50 (K-3)	1440	LPM	---	895	875	830	750	640	600	---	---	---
4.	100 X 80 (K-4)	1450	LPM	2350	2280	2220	2160	2100	2040	1920	1800	1680	1400
5.	80 x 65 (K-4)	1450	LPM	---	1470	1440	1380	1200	1140	1080	1040	960	900
Total Head in Metres / Discharge in LPM													
6.	50 x 40	2800	M/LPM	28/1080	32/1050	36/1020	40/960	44/900	48/840	52/780	56/720	60/660	64/540

- Note :**
- In view of continual development, the information / description / specification / illustrations are subject to change without prior notice.
 - The performance data given above are based on tests at rated voltage under ideal condition in Testing Laboratory.
 - Total Head = Suction Head + Delivery Head + Friction losses in pipe, bends, valves etc.
 - Friction losses in suction and delivery pipes have not been calculated in the above Performance data.