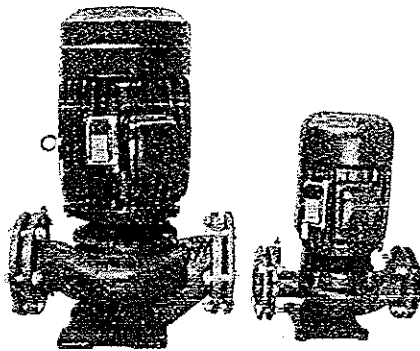


WEBSTER

Vertical In-Line Pump

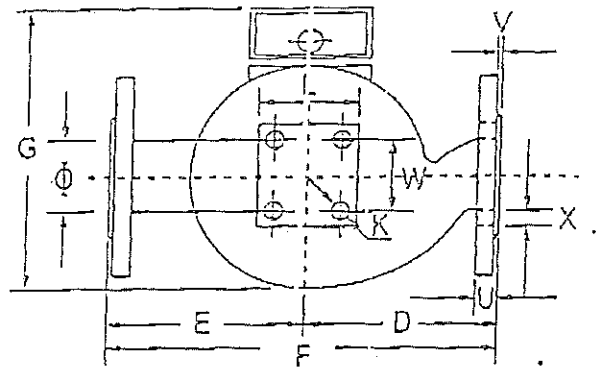
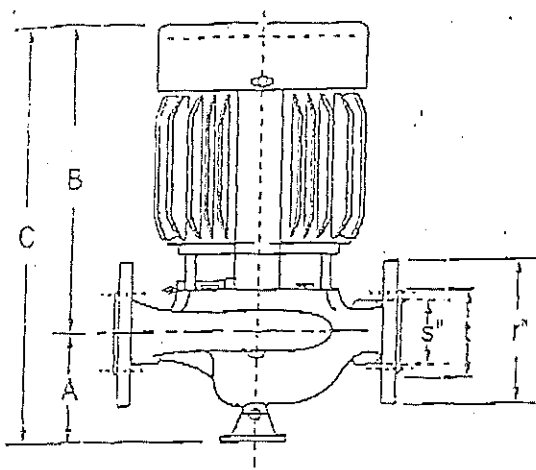


- I. **Usage**

It can be used to increase the pressure of hot & cold water for tap water, high buildings, water towers, pressureless boilers, long-distance water supply, water for fire fighting, cooling towers, air conditioning systems, garden fountains, hotels, restaurants and bathroom in dormitories to circulatively ncrease pressure for cooling water of plastic machines, to supply for water cooling tower in textile factories, dyeing & finishing mills, breweries and chemical plants as well as to concey water and liquids.
- II. **Models**

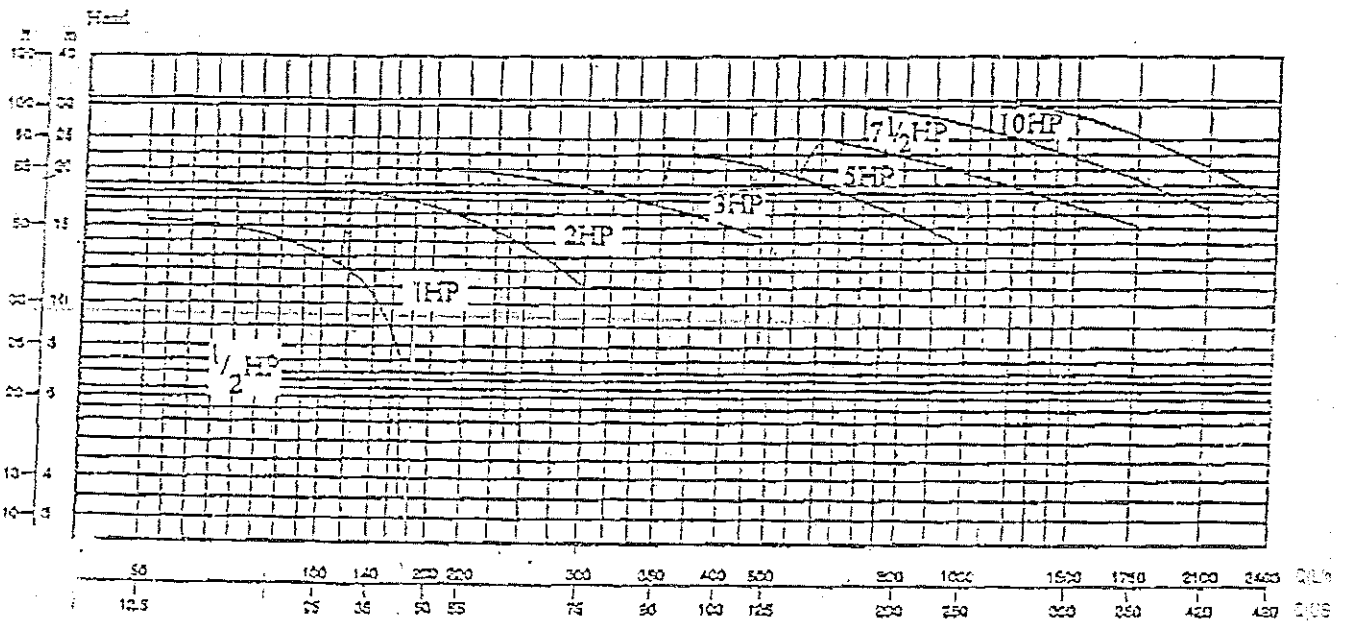
AS1 - 50 Single -step pipe pump
2" - Diameters of outlet & entry pipe(mm)
- III. **Materials**

The pump body is made of cast iron, the axle of # 45 steel and the impeller of cooper backed up by imported sealing rubber rings.
- IV. **The Starting, Running & Maintenance of the pump.**
 - i. A pressure gauge is suggested to be installed at he flange of the pump so as to moniton and control the running position of the pump before starting, the pump should be filled fully with water and the air bleeder be turned open to remove all air out. Idle running without water is fortidden, otherwise the sealing rings will be destroyed.
 - ii. After starting, turn the outlet valve gradually open and stop it in a needed position.
 - iii. To guarantee the motor to run well, a fuse should be installed at the switch. In case of noise and over temperature, the pump should be stopped immediately. Normally, the bearings of the motor should be given annual maintenance. The turning of the Motor is clockwise, which is shown by a mark on the pump.



Model	A	B	C	D	E	F	G	Φ	r''	s''	t	U	V	X	L	W	K	kg
ASI - 32	82	271	353	129	129	258	220	32	120	70	75	17	3	10	102.5	108	Φ13	20
ASI - 40	92	300	402	143	143	286	235	40	137	85	87	19	3.5	16	125	135	Φ13	25.5
ASI - 50	87	333	420	151	151	302	250	50	150	95	100	19	3.5	16	125	135	Φ13	35.5
ASI - 65	102	358	460	163	163	326	255	65	170	120	124	20	3.5	16	125	163	Φ13	43.5
ASI - 80	115	403	518	168	168	336	285	80	180	132	135	20	3.5	16	145	154	Φ13	60
ASI - 100	135	418	553	194	194	388	306	100	206	150	153	25	3.5	16	190	190	Φ13	80
ASI - 100A	135	480	615	194	194	388	316	100	206	150	153	25	3.5	16	190	190	Φ13	102.5

PERFORMANCE CURVE



SPECIFICATION TABLE

Model	Outlet Dia (inch)	Power		Head (m)	Capacity (m³/hr)	Head (m)	Capacity (m³/hr)	Speed (rpm)	Voltage (V)
		HP	KW						
ASI - 32	1-1/4"	1/2	0.37	13	3	10	6	2850	415
ASI - 40	1-1/2"	1	0.7	18	7.2	13.5	11.4	2850	415
ASI - 50	2"	2	1.5	20.5	10.8	17.5	16.8	2850	415
ASI - 65	2-1/2"	3	2.2	22	21.8	19.5	27	2850	415
ASI - 80	3"	5	4	24	36	21	42	2850	415
ASI - 100	4"	7-1/2	5.5	24	39	21	60	2850	415
ASI - 100A	4"	10	7.5	30	78	25	100	2850	415