

1	Pump	HD 05	HD 05H	HD 05 SS	HD 05H SS
1.1	Make	Hitec Pumps	Hitec Pumps	Hitec Pumps	Hitec Pumps
1.2	Type	HD 05 - Low Head	HD 05 - High Head	HD 05 - SS - Low Head	HD 05 - SS - High Head
1.3	Model	HD 05	HD 05H	HD 05 SS	HD 05H SS
1.4	No of Stage	One	Double	One	Double
1.5	Max Head (Mtrs)	24	45	24	45
1.6	Max Discharge (LPM)	1550	600	1550	600
1.7	Speed (RPM)	2830	2830	2830	2830
1.8	Direction of Rotation	C/W from Top	C/W from Top	C/W from Top	C/W from Top
1.9	Max Solid Size Handling (mm)	10	6	10	6
1.10	Outlet (mm)	75/100	75	75/100	75
2	Motor				
2.1	Motor Rating (HP/kW)	5/3.7	5/3.7	5/3.7	5/3.7
2.2	Rated Voltage (Volts)	415 (+6%, -10%)	415 (+6%, -10%)	415 (+6%, -10%)	415 (+6%, -10%)
2.3	Rated Current (Amps)	8	8	8	8
2.4	Frequency (Hz)	50 (±3%)	50 (±3%)	50 (±3%)	50 (±3%)
2.5	Motor Speed (RPM)	2830	2830	2830	2830
2.6	Class of Insulation	'F' Class	F' Class	'F' Class	F' Class
2.7	Method of Starting	DOL	DOL	DOL	DOL
2.8	Size of Cable	1R x 4C x 2.5 (Sq.mm)	1R x 4C x 2.5 (Sq.mm)	1R x 4C x 2.5 (Sq.mm)	1R x 4C x 2.5 (Sq.mm)
2.9	Cable Length	15 Mtrs	15 Mtrs	15 Mtrs	15 Mtrs
2.10	Protection Class	IP 68	IP 68	IP 68	IP 68
3.0	Material of Construction				
3.1	Outer Casing	M.S. Fabricated Duly Epoxy Coated	M.S. Fabricated Duly Epoxy Coated	SS 316	SS 316
3.2	Inner Casing	Aluminium LM-6 / C. I	Aluminium LM-6 / C. I	SS 316	SS 316
3.3	Shaft	SS 431	SS 431	SS 431	SS 431
3.4	Impeller	CD4MCuN - Duplex Casting	CD4MCuN - Duplex Casting	SS410 Duly Hardened / SS	SS410 Duly Hardened / SS
3.5	Mechanical Seal (Motor)	TC Vs TC	TC Vs TC	TC Vs TC	TC Vs TC
3.6	Mechanical Seal (Pump)	TC Vs TC	TC Vs TC	TC Vs TC	TC Vs TC
3.7	'O' Ring Set	Nitrile Rubber	Nitrile Rubber	Nitrile Rubber	Nitrile Rubber
3.8	Cable	Double Sheathed PVC Insulated Copper Cable	Double Sheathed PVC Insulated Copper Cable	Double Sheathed PVC Insulated Copper Cable	Double Sheathed PVC Insulated Copper Cable
3.9	Fasteners	SS 304	SS 304	SS 304	SS 304