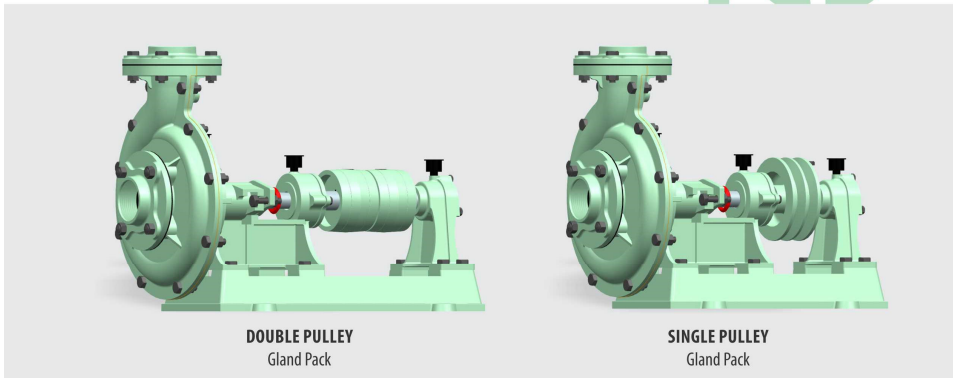


TCD



Applications

- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

Features

- Single stage impeller end suction pump
- Back pull out design
- Confirms to IS 6595
- Graphite lubricated gland packing
- Hydraulic design with high efficiency
- Stable head - flow curves for parallel operation

Benefits

- Most economical design
- Easy in maintenance
- Handy in transportation
- Easy availability of spares
- Non overloading power characteristics

Operating Limits

- Belt Driven with Engine and/or Motors
- Discharge flange size 50 to 100mm
- Suction flange size 50 to 100mm
- Maximum flow rate 44 l/sec
- Maximum generated head 30 mtr
- Maximum temperature for bearing not to exceed 120°C
- Clean - cold water pump
- Working pressure 3.5 bar (max.)

PERFORMANCE TABLE

MEDIUM HEAD

MODEL NAME	SIZE	SPEED	PRIME MOVER
	(mm)	(rpm)	(kW / H.P.)
TCD 2+ (GW-D.P.)	65 X 50	1440	7.5 / 10
TCD 2++ (GW-D.P.)	65 X 65	1440	5.9 / 8
TCD 3+ (GW-D.P.)	80 X 65	1440	7.5 / 10
TCD 3 (GW-D.P.)	80 X 80	1440	5.9 / 8
TCD 3 (GW-D.P.)	80 X 80	1440	7.5 / 10
TCD 4+ (GW-D.P.)	100 X 80	1440	9.3 / 12.5
TCD 4 (GW-D.P.)	100 X 100	1440	9.3 / 12.5

FLOW IN LPS

HEAD IN METERS								
10	12	14	16	18	20	22	24	26
	23	22	21.5	21	20.5	18	8	
	28	27	26	24	21	17.5	8	
25	24.5	22.5	21	15.5				
26	25.5	25	24	21.5	18.5	14		
42	40.5	38.5	36	32.5	28	16		
40	39.5	37.5	34.5	27				

HIGH HEAD

MODEL NAME	SIZE	SPEED	PRIME MOVER
	(mm)	(rpm)	(kW / H.P.)
TCDH 2+ (GW-S.P.)	65 x 50	1440	7.3 / 10
TCDH 2++ (GW-S.P.)	65 x 65	1440	7.3 / 10
TCDH 3+ (GW-S.P.)	80 x 65	1440	7.3 / 10
TCDH 3 (GW-S.P.)	80 x 80	1440	7.3 / 10
TCDH 4 (GW-S.P.)+	100 x 80	1440	8.8 / 12
TCDH 4 (GW-S.P.)	100 x 100	1440	8.8 / 12

FLOW IN LPS

HEAD IN METERS											
8	10	12	14	16	18	20	22	24	26	28	30
					24	23.5	23	23	22.5	21	16.5
				23	23	23	22.5	21	19.5	10	
			28.5	28.5	28	27.5	27.5	27	26.5	20.5	
		28.5	28.5	28	28	27.5	26	23	12		
	44	43	42.5	41.5	40.5	39	37	34	31	24	
44	43	42	41	40	39	38	35	33	30		

As on continues Improvement and R&D, Performance data and any information furnished above are subject to change without notice.

