

Applications

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

Benefits

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

Features

- Single stage impeller end suction pump
- Back pull out design
- Confirms to IS 6595
- Mechanical Seal and/or Oil Seal
- Hydraulic design with high efficiency
- Stable head - flow curves for parallel operation

Operating Limits

- Direct Couple with Engine and/or Motors
- Discharge flange size 65 to 150mm
- Suction flange size 65 to 150mm
- Maximum flow rate 85 l/sec
- Maximum generated head 22 mtr
- Maximum temperature for bearing not to exceed 120°C
- Clean - cold water pump
- Working pressure 3.5 bar (max.)

PERFORMANCE TABLE - TDCS

MODEL NAME	SIZE (mm)	SPEED (rpm)	PRIME MOVER (kW / H.P.)
TDCS 3+A (MW)	80 x 65	1500	3.7 / 5
TDCS 3+B (MW)	80 x 65	1500	4.8 / 6.5
TDCS 3+C (MW)	80 x 65	1500	5.9 / 8
TDCS 3A (MW)	80 x 80	1500	3.7 / 5
TDCS 3B (MW)	80 x 80	1500	4.8 / 6.5
TDCS 3C (MW)	80 x 80	1500	5.9 / 8
TDCS 4A (MW)	100 x 100	1500	4.8 / 6.5
TDCS 4B (MW)	100 x 100	1500	5.9 / 8
TDCS 5A (MW)	125 x 125	1500	4.8 / 6.5
TDCS 5B (MW)	125 x 125	1500	5.9 / 8
TDCS 5C (MW)	125 x 125	1500	7.3 / 10
TDCS 6+A (MW)	150 x 125	1500	4.8 / 6.5
TDCS 6+B (MW)	150 x 125	1500	5.9 / 8
TDCS 6+C (MW)	150 x 125	1500	7.3 / 10
TDCS 6A (MW)	150 x 150	1500	4.8 / 6.5
TDCS 6B (MW)	150 x 150	1500	5.9 / 8
TDCS 6C (MW)	150 x 150	1500	7.3 / 10
TDCS 6DA (MW)	150 x 150	1500	10.5 / 14
TDCS 6DB (MW)	150 x 150	1500	15 / 20

		HEAD IN METERS										
		4	6	8	10	12	14	16	18	20	22	24
				21	19.5	18	16.5	14				
						23	20	15	9			
			24	25	23	22	20	12				
				22	20	18	14					
				21.5	20.5	19	18	16.5	11			
				27	26	25	24	23	22	20	12	
		33	30	27	21	6						
			40	35	25	18						
		44	32	20								
		48	38	24								
		55	44	26								
		47	30	18								
		53	34	20								
		55	38	22								
		50	40	20								
		53	42	26								
		56	46	30	18							
			78	74	66	50	40					
			85	80	76	65	60	50				

PERFORMANCE TABLE - TDCS-T

MODEL NAME	SIZE (mm)	SPEED (rpm)	PRIME MOVER (kW / H.P.)
TDCS 6+TA (MW)	150 x 125	1500	4.8 / 6.5
TDCS 6+TB (MW)	150 x 125	1500	5.9 / 8
TDCS 6+TC (MW)	150 x 125	1500	7.3/10
TDCS 6TA (MW)	150 x 150	1500	4.8 / 6.5
TDCS 6TB (MW)	150 x 150	1500	5.9 / 8
TDCS 6TC (MW)	150 x 150	1500	5.9 / 8
TDCS 6DA (MW)	150 x 150	1500	10.5 / 14
TDCS 6DB (MW)	150 x 150	1500	15 / 20

		HEAD IN METERS										
		4	6	8	10	12	14	16	18	20	22	24
			47	30	18							
			53	34	20							
			55	38	22							
			50	40	20							
			53	42	26							
			56	46	30	18						
			78	74	66	50	40					
			85	80	76	65	60	50				

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

TDCS



GW1 (D.B.) Gland Pack



MW (D.B.) Mechanical/Oil Seal



GW2 (D.B.) Gland Pack



T-GW1 (D.B.) Gland Pack



T-MW (D.B.) Mechanical/Oil Seal



T-GW2 (D.B.) Gland Pack

