

## Direct / Closed Couple Centrifugal Pump

### 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

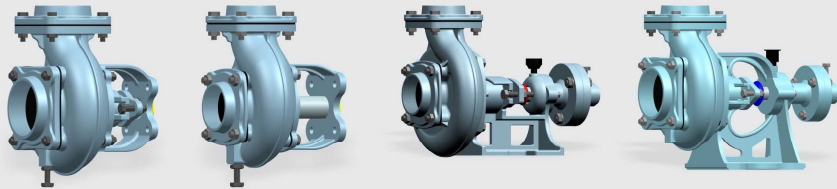
### Features

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

### Operating Limits

- Direct Couple with Engine and/or Motors
- Discharge flange size 50 to 65 mm
- Suction flange size 50 to 80 mm
- Maximum flow rate 22 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.)

TL



**GM**  
Gland Pack

**MM**  
Mechanical/Oil Seal

**GW1**  
Gland Pack

**GW2**  
Gland Pack

### PERFORMANCE TABLE

MODEL NAME	SIZE (mm)	SPEED (rpm)	PRIME MOVER (kW / H.P.)
CNV 1+	50 x 40	3000	1.1 / 1.5
TL 2	50 x 50	3600	1.1 / 1.5
TL 2+	65 x 50	3600	2.28 / 3
TL 2+A	65 x 50	3000	2.3 / 3
TL 2B	50 x 50	3600	2.28 / 3
TL 2C	50 x 50	3000	1.1 / 1.5
TL 3+	80 x 65	3600	2.28 / 3
TNL 3+	80 x 65	3600	3.7 / 5

FLOW IN LPS

HEAD IN METERS										
4	6	8	10	12	14	16	18	20	22	24
		6	5.5	4.5	3					
	7	6.5	5.5	5	3					
		14	13	11.5	10	8	3			
				15	13	11	6			
				11	10	8.5	7	6		
		8	6.5	5	3					
	18	16.5	14	12	10	5				
		22.5	21	19.5	18	16.5	14	12	7	

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

