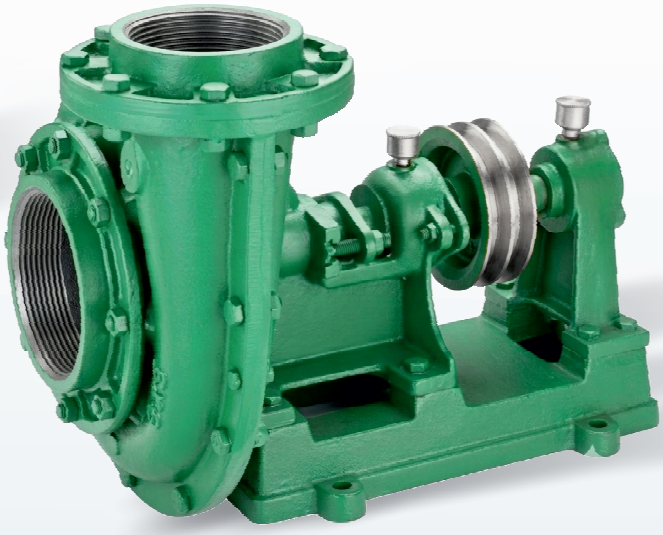
Nilax™

PUMP







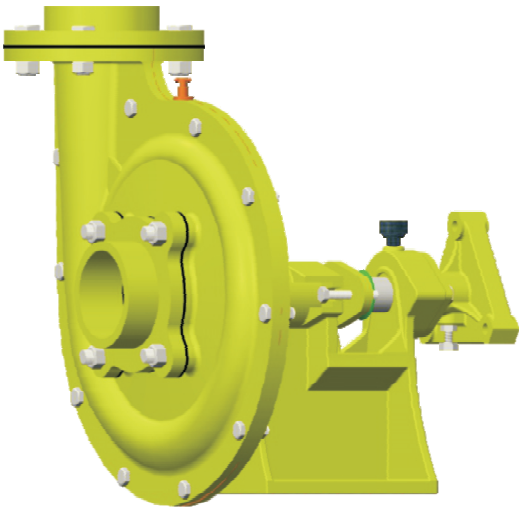
NILAX OVERSEAS

THE QUINTESSENTIAL EXPORT

SCAN FOR MORE

AJI VASAHAT 6, PLOT NO.1029/2/2, 80 FEET ROAD, NR. RELIANCE PETROL PUMP, RAJKOT-360003. (GUJARAT-INDIA)
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NDSSH GW (Single Bearing) Series



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

Applications

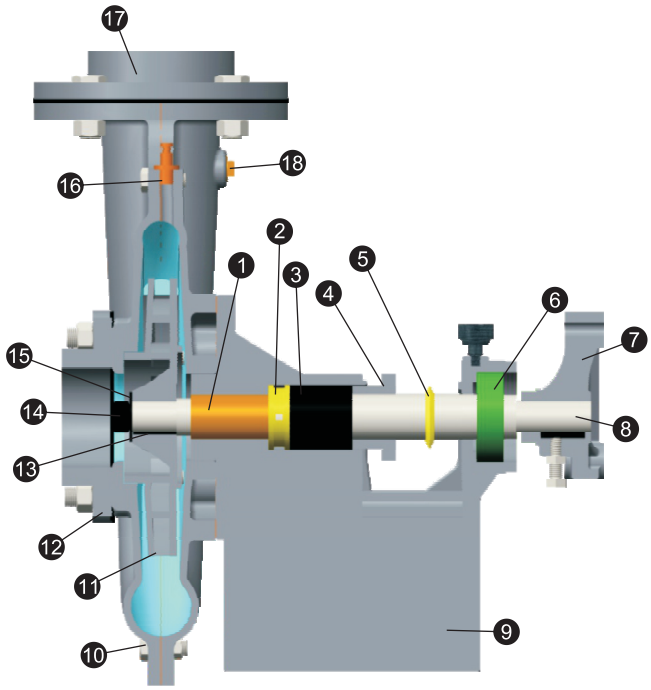
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

Operating Limits

- Belt Driven with Engine and/or Motors
- Discharge flange size 50 to 125 mm
- Suction flange size 50 to 125 mm
- Maximum flow rate 62 l/sec
- Maximum generated head 32 mtr
- Maximum temperature for bearing not to exceed 120°C
- Clean - cold water pump
- Working pressure 3.5 bar (max.)

MATERIAL TABLE

No.	Part	Material
01	Bush	Bronze
02	Lantern ring	Poly Propylene
03	Gland rope	Graphite Cotton
04	Gland Cover	Cast Iron
05	Deflector	L.D.
06	Bearing	Bearing Steel
07	Triangular Flange	Cast Iron
08	Shaft	Carbon Steel
09	Body	Cast Iron
10	Casing	Cast Iron
11	Impeller	Cast Iron
12	Suction Flange	Cast Iron
13	Key	Mild Steel
14	Nut	Mild Steel
15	Washer	Mild Steel
16	Air Cock	Bronze
17	Delivery Flange	Cast Iron
18	Thread cap	Plastic



TECHNICAL DATA

MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TDSSH 2+ (GW-S.B.)	65 x 50	1500	24	14	20.0 - 26.0	5.5 / 7.5	A.R	D.B	203	NON-ISI
TDSSH 2++ (GW-S.B.)	65 x 65	1500	22	12	17.6 - 23.1	5.9 / 8	A.R	D.B	203	NON-ISI
TDSSH 3+ (GW-S.B.)	80 x 65	1500	24	14	19.20 - 25.20	8.9 / 12	A.R	D.B	203	NON-ISI
TDSSH 3 (GW-S.B.)	80 x 80	1500	24	16	19.20 - 25.20	8.9 / 12	A.R	D.B	203	NON-ISI

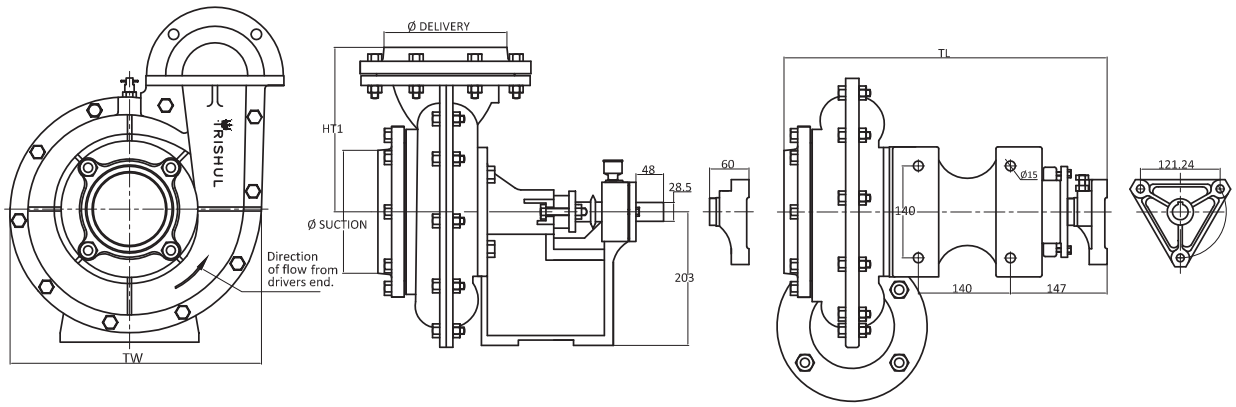
* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

PERFORMANCE TABLE

MODEL NAME	SIZE	SPEED	PRIME MOVER
	(mm)	(rpm)	(kW / H.P.)
TDSSH 2+ (GW-S.B.)	65 x 50	1500	5.5 / 7.5
TDSSH 2++ (GW-S.B.)	65 x 65	1500	5.9 / 8
TDSSH 3+ (GW-S.B.)	80 x 65	1500	8.9 / 12
TDSSH 3 (GW-S.B.)	80 x 80	1500	8.9 / 12

FLOW IN LPS	HEAD IN METERS												
	8	10	12	14	16	18	20	22	24	26	28	30	32
				19	18.5	18	18	17.5	17	12			
		19	18.5	18	18	18	17.5	16	13				
					21.5	21	20.5	20.5	20	19	17	15.5	13
		21.5					21.5	20.5	19.5	18.5	17	12	

OVER ALL DIMENSION

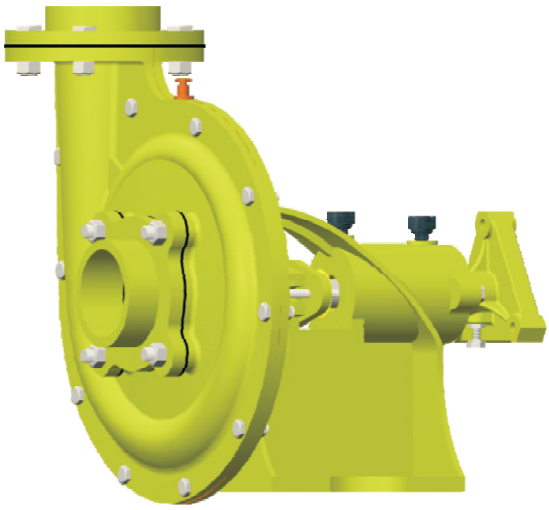


PIPE SIZE (mm)		PUMP DIMENSION (mm)		
ø SUCTION	ø DELIVERY	TL	TW	HT1
65	50	430	390	261
65	65			
80	65	440	395	266
80	80			
100	100			
125	100	460	425	285
125	125			

As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.

NDSSH GW (Double Bearing) Series

Nilax™ PUMP



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

Applications

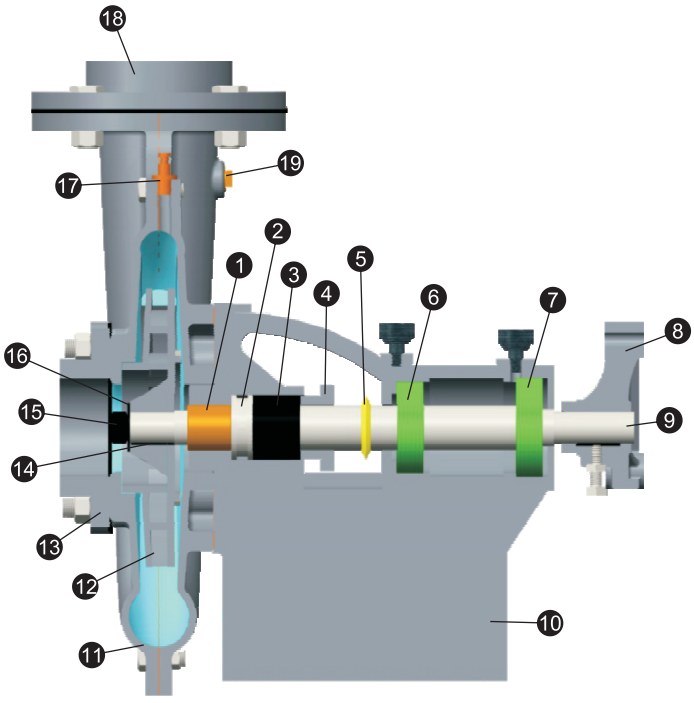
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

Operating Limits

- Belt Driven with Engine and/or Motors
- Discharge flange size 50 to 125 mm
- Suction flange size 50 to 125 mm
- Maximum flow rate 62 l/sec
- Maximum generated head 32 mtr
- Maximum temperature for bearing not to exceed 120°C
- Clean - cold water pump
- Working pressure 3.5 bar (max.)

MATERIAL TABLE

No.	Part	Material
01	Bush	Bronze
02	Lantern ring	Poly Propylene
03	Gland rope	Graphite Cotton
04	Gland Cover	Cast Iron
05	Deflector	L.D.
06	Bearing	Bearing Steel
07	Bearing	Bearing Steel
08	Triangular Flange	Cast Iron
09	Shaft	Carbon Steel
10	Body	Cast Iron
11	Casing	Cast Iron
12	Impeller	Cast Iron
13	Suction Flange	Cast Iron
14	Key	Mild Steel
15	Nut	Mild Steel
16	Washer	Mild Steel
17	Air Cock	Bronze
18	Delivery Flange	Cast Iron
19	Thread cap	Plastic



TECHNICAL DATA

MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TDSSH 2+ (GW)	65 x 50	1500	24	14	20.0 - 26.0	5.5 / 7.5	A.R	D.B	203	NON-ISI
TDSSH 2++ (GW)	65 x 65	1500	22	12	17.6 - 23.1	5.9 / 8	A.R	D.B	203	NON-ISI
TDSSH 3+ (GW)	80 x 65	1500	24	14	19.20 - 25.20	8.9 / 12	A.R	D.B	203	NON-ISI
TDSSH 3 (GW)	80 x 80	1500	24	16	19.20 - 25.20	8.9 / 12	A.R	D.B	203	NON-ISI
TDSSH 4+ (GW)	100 x 80	1500	22	30	17.60 - 23.10	13.5 / 18	A.R	D.B	203	NON-ISI
TDSSH 4 (GW)	100 x 100	1500	20	32	18.0 - 22.0	13.5 / 18	A.R	D.B	203	NON-ISI
TDSSH 5+ (GW)	125 x 100	1500	20	40	18.0 - 22.0	13.5 / 18	A.R	D.B	203	NON-ISI
TDSSH 5 (GW)	125 x 100	1500	18	44	14.4 - 19.8	13.5 / 18	A.R	D.B	203	NON-ISI

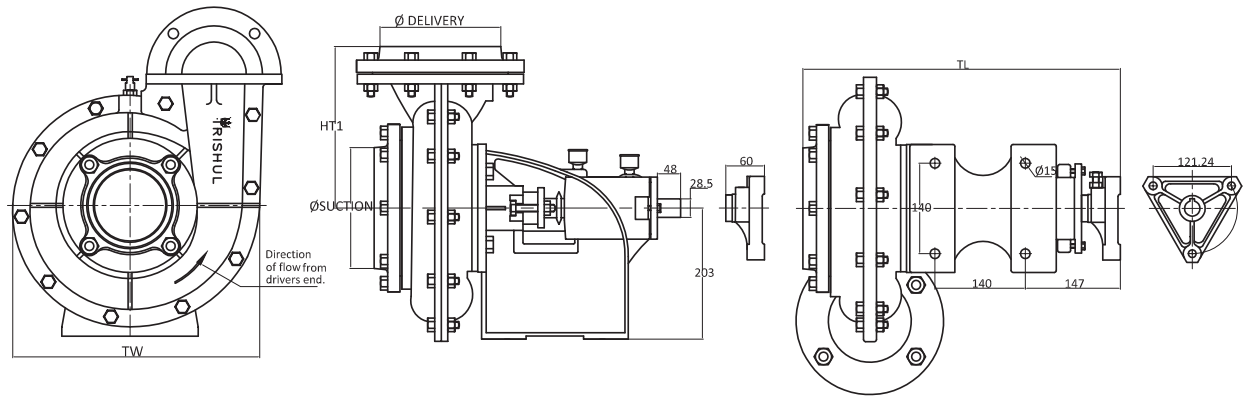
* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

PERFORMANCE TABLE

MODEL NAME	SIZE	SPEED	PRIME MOVER
	(mm)	(rpm)	(kW / H.P.)
TDSSH 2+ (GW)	65 x 50	1500	5.5 / 7.5
TDSSH 2++ (GW)	65 x 65	1500	5.9 / 8
TDSSH 3+ (GW)	80 x 65	1500	8.9 / 12
TDSSH 3 (GW)	80 x 80	1500	8.9 / 12
TDSSH 4+ (GW)	100 x 80	1500	13.5 / 18
TDSSH 4 (GW)	100 x 100	1500	13.5 / 18
TDSSH 5+ (GW)	125 x 100	1500	13.5 / 18
TDSSH 5 (GW)	125 x 100	1500	13.5 / 18

FLOW IN LPS	HEAD IN METERS												
	8	10	12	14	16	18	20	22	24	26	28	30	32
				19	18.5	18	18	17.5	17	12			
		19	18.5	18	18	18	17.5	16	13				
					21.5	21	20.5	20.5	20	19	17	15.5	13
		21.5					21.5	20.5	19.5	18.5	17	12	
		44	42	41.5	40.5	40	39	37	34	31.5	26		
	44	43	42.5	41.5	40.5	39	38	35	32.5	29.5			
		60	58	56	52	48	42	38	28	12			
	62	59	57	53	49	44	40	36	26				

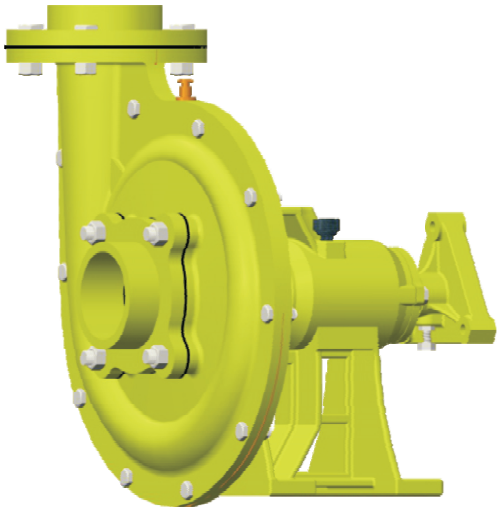
OVER ALL DIMENSION



PIPE SIZE (mm)		PUMP DIMENSION (mm)		
ø SUCTION	ø DELIVERY	TL	TW	HT1
65	50	470	390	261
65	65			
80	65	480	395	266
80	80			
100	100			
125	100	500	425	285
125	125			

As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.

NDSSH MW Series



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

Benefits

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

Applications

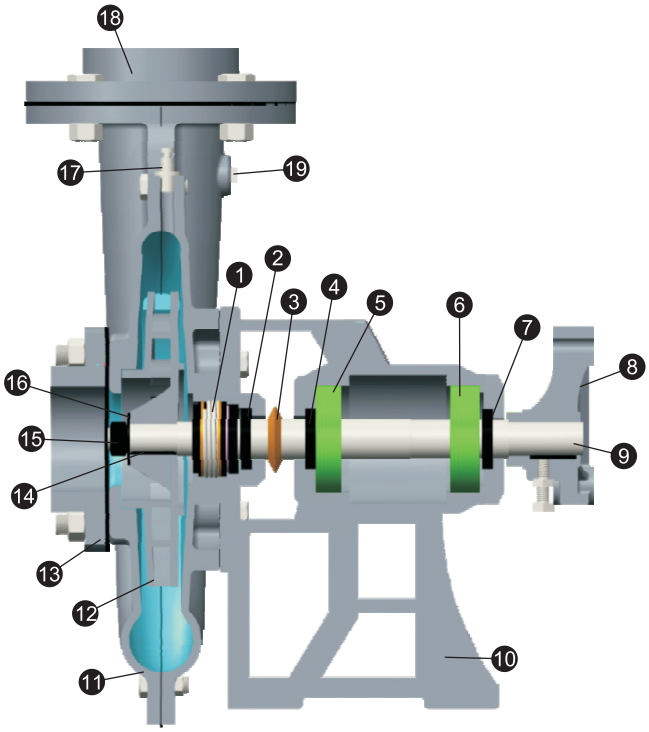
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

Operating Limits

- Belt Driven with Engine and/or Motors
- Discharge flange size 50 to 125 mm
- Suction flange size 50 to 125 mm
- Maximum flow rate 62 l/sec
- Maximum generated head 32 mtr
- Maximum temperature for bearing not to exceed 120°C
- Clean - cold water pump
- Working pressure 3.5 bar (max.)

MATERIAL TABLE

No.	Part	Material
01	Mechanical Seal	
02	Oil Seal	Rubber
03	Deflector	L.D.
04	Oil Seal	Rubber
05	Bearing	Bearing Steel
06	Bearing	Bearing Steel
07	Oil Seal	Rubber
08	Triangular Flange	Cast Iron
09	Shaft	Carbon
10	Body	Cast Iron
11	Casing	Cast Iron
12	Impeller	Cast Iron
13	Suction Flange	Cast Iron
14	Key	Mild Steel
15	Nut	Mild Steel
16	Washer	Mild Steel
17	Air Cock	Bronze
18	Delivery Flange	Cast Iron
19	Thread cap	Plastic



TECHNICAL DATA

MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TDSSH 2+ (MW)	65 x 50	1500	24	14	20.0 - 26.0	5.5 / 7.5	A.R	D.B	203	NON-ISI
TDSSH 2++ (MW)	65 x 65	1500	22	12	17.6 - 23.1	5.9 / 8	A.R	D.B	203	NON-ISI
TDSSH 3+ (MW)	80 x 65	1500	24	14	19.20 - 25.20	8.9 / 12	A.R	D.B	203	NON-ISI
TDSSH 3 (MW)	80 x 80	1500	24	16	19.20 - 25.20	8.9 / 12	A.R	D.B	203	NON-ISI
TDSSH 4+ (MW)	100 x 80	1500	22	30	17.60 - 23.10	13.5 / 18	A.R	D.B	203	NON-ISI
TDSSH 4 (MW)	100 x 100	1500	20	32	18.0 - 22.0	13.5 / 18	A.R	D.B	203	NON-ISI
TDSSH 5+ (MW)	125 x 100	1500	20	40	18.0 - 22.0	13.5 / 18	A.R	D.B	203	NON-ISI
TDSSH 5 (MW)	125 x 100	1500	18	44	14.4 - 19.8	13.5 / 18	A.R	D.B	203	NON-ISI

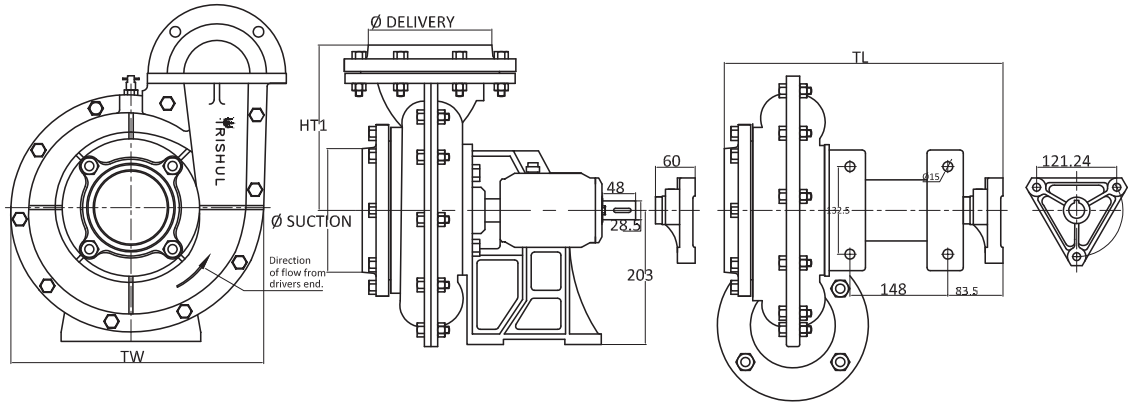
* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

PERFORMANCE TABLE

MODEL NAME	SIZE	SPEED	PRIME MOVER
	(mm)	(rpm)	(kW / H.P.)
TDSSH 2+ (MW)	65 x 50	1500	5.5 / 7.5
TDSSH 2++ (MW)	65 x 65	1500	5.9 / 8
TDSSH 3+ (MW)	80 x 65	1500	8.9 / 12
TDSSH 3 (MW)	80 x 80	1500	8.9 / 12
TDSSH 4+ (MW)	100 x 80	1500	13.5 / 18
TDSSH 4 (MW)	100 x 100	1500	13.5 / 18
TDSSH 5+ (MW)	125 x 100	1500	13.5 / 18
TDSSH 5 (MW)	125 x 100	1500	13.5 / 18

FLOW IN LPS	HEAD IN METERS												
	8	10	12	14	16	18	20	22	24	26	28	30	32
				19	18.5	18	18	17.5	17	12			
		19	18.5	18	18	18	17.5	16	13				
					21.5	21	20.5	20.5	20	19	17	15.5	13
		21.5					21.5	20.5	19.5	18.5	17	12	
		44	42	41.5	40.5	40	39	37	34	31.5	26		
	44	43	42.5	41.5	40.5	39	38	35	32.5	29.5			
		60	58	56	52	48	42	38	28	12			
	62	59	57	53	49	44	40	36	26				

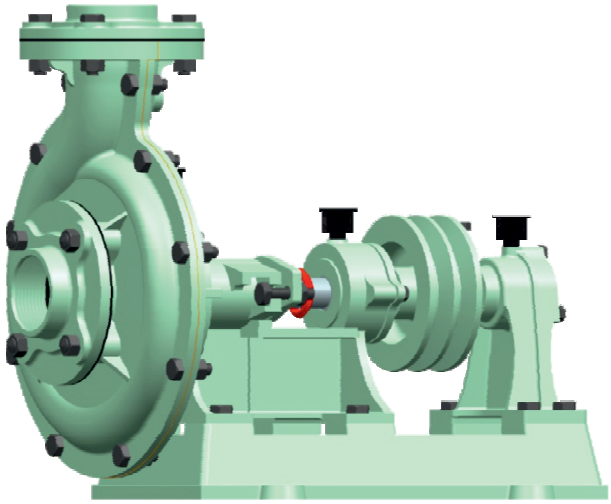
OVER ALL DIMENSION



PIPE SIZE (mm)		PUMP DIMENSION (mm)		
ø SUCTION	ø DELIVERY	TL	TW	HT1
65	50	415	390	261
65	65			
80	65	420	395	266
80	80			
100	100			
125	100	440	425	285
125	125			

As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.

NCD GW (Single Pulley) Series



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

Applications

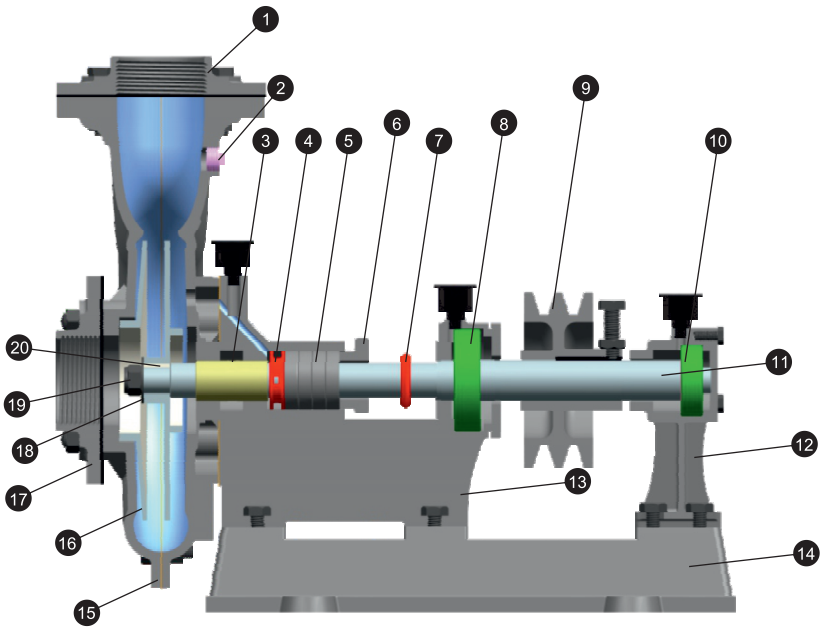
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

Operating Limits

- Belt Driven with Engine and/or Motors
- Discharge flange size 50 to 100mm
- Suction flange size 50 to 100mm
- Maximum flow rate 42 l/sec
- Maximum generated head 24 mtr
- Maximum temperature for bearing not to exceed 120°C
- Clean - cold water pump
- Working pressure 3.5 bar (max.)

MATERIAL TABLE

No.	Part	Material
01	Delivery flange	Cast Iron
02	Thread cap	Plastic
03	Bush	Bronze
04	Lantern ring	Poly Propylene
05	Gland rope	Graphite Cotton
06	Gland Cover	Cast Iron
07	Deflector	L.D.
08	Bearing	Bearing Steel
09	V Groove Pulley	Cast Iron
10	Bearing	Bearing Steel
11	Shaft	Carbon Steel
12	Pedestal	Cast Iron
13	Body	Cast Iron
14	Base Plate	Cast Iron
15	Casing	Cast Iron
16	Impeller	Cast Iron
17	Suction Flange	Cast Iron
18	Washer	Mild Steel
19	Nut	Mild Steel
20	Key	Mild Steel



TECHNICAL DATA

MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TCD 2+ (GW-S.P.)	65 x 50	1440	19	15	15.20 -20.90	7.5 / 10	C.R	D.B	N.A	NON - ISI
TCD 2++ (GW-S.P.)	65 X 65	1440	18.5	15	15.70 -19.50	5.9 / 8	C.R	D.B	N.A	ISI
TCD 3+ (GW-S.P.)	80x 65	1440	19.5	16	16.50 - 20.50	7.5 / 10	C.R	D.B	N.A	ISI
TCD 3 (GW-S.P.)	80 x 80	1440	17	16	13.60 -18.70	5.9 / 8	C.R	D.B	N.A	NON - ISI
TCD 3 (GW-S.P.)	80 x 80	1440	19	17	16.0 -20.0	7.5 / 10	C.R	D.B	N.A	ISI
TCD 4+ (GW-S.P.)	100x80	1440	18	25	14.40 -19.80	9.3 / 12.5	C.R	D.B	N.A	NON - ISI
TCD 4 (GW-S.P.)	100 x 100	1440	16	28	12.80 -17.60	9.3 / 12.5	C.R	D.B	N.A	NON - ISI

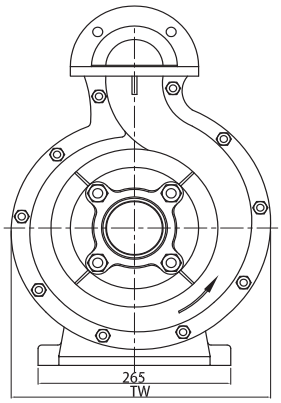
* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

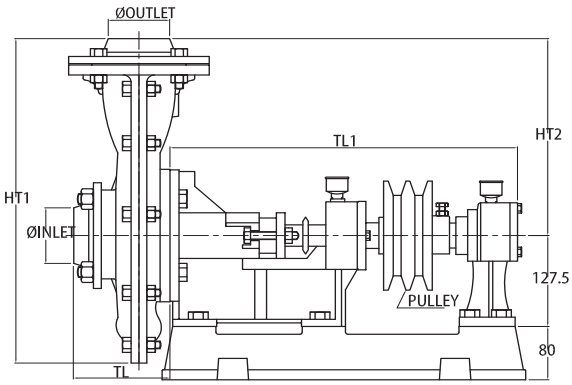
PERFORMANCE TABLE

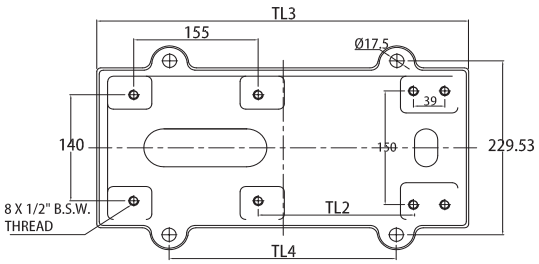
MODEL NAME	SIZE	SPEED	PRIME MOVER
	(mm)	(rpm)	(kW / H.P.)
TCD 2+ (GW-S.P.)	65 X 50	1440	7.5 / 10
TCD 2++ (GW-S.P.)	65 X 65	1440	5.9 / 8
TCD 3+ (GW-S.P.)	80 X 65	1440	7.5 / 10
TCD 3 (GW-S.P.)	80 X 80	1440	5.9 / 8
TCD 3 (GW-S.P.)	80 X 80	1440	7.5 / 10
TCD 4+ (GW-S.P.)	100 X 80	1440	9.3 / 12.5
TCD 4 (GW-S.P.)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

FLOW IN LPS	HEAD IN METERS								
	10	12	14	16	18	20	22	24	26
			22	21.5	21	20.5	18	8	
		23	22.5	21.5	20	18	14		
		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				

OVER ALL DIMENSION





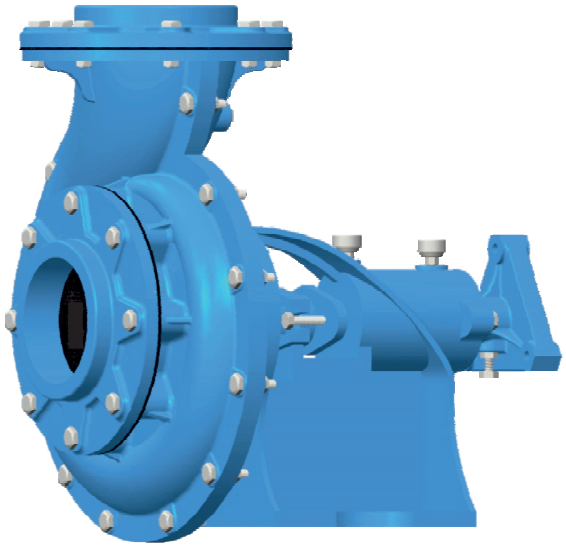


PUMP DIMENSION									
PUMP MODEL	PIPE SIZE SUC. X DEL.	T.L.	T.W.	T.H	C.H	B.L	B.H	M1	M2
TCD2+	65 x 50	575	350	473	128	460	75	282	230
TCD2++	65x 65								
TCD3+	80 x 65	572	360	478					
T CD3	80 x 80								
TCD4+	100 x 80	578	375	492					
TCD4	100 x 100								

As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.

NDCS GW - D.B. Series

Nilax PUMP



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

Applications

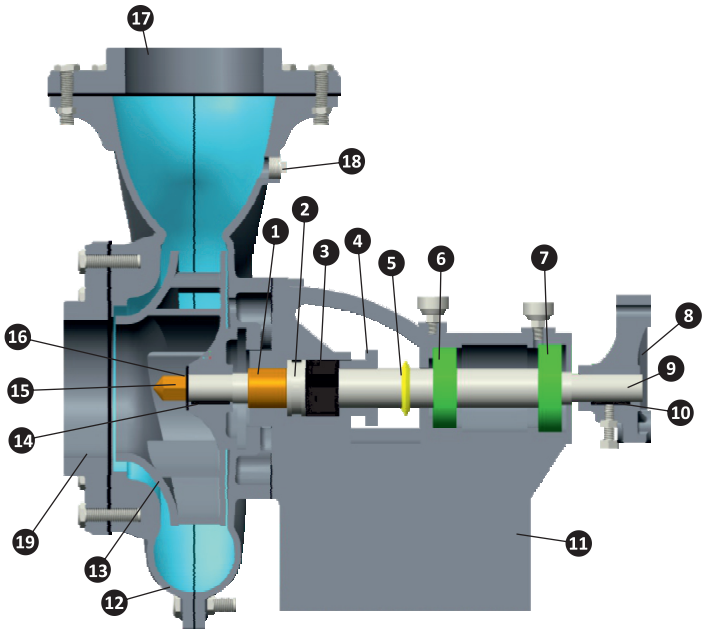
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

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.)

MATERIAL TABLE

No.	Part	Material
01	Bush	Bronze
02	Lantern ring	Poly Propylene
03	Gland rope	Graphite Cotton
04	Gland Cover	Cast Iron
05	Deflector	L.D.
06	Bearing	Bearing Steel
07	Bearing	Bearing Steel
08	Triangular flange	Cast Iron
09	Shaft	Carbon Steel
10	Key	Mild Steel
11	Body	Cast Iron
12	Casing	Cast Iron
13	Impeller	Cast Iron
14	Key	Mild Steel
15	Nut	Mild Steel
16	Washer	Mild Steel
17	Delivery Flange	Cast Iron
18	Thread Cap	Plastic
19	Suction Flange	Cast Iron



TECHNICAL DATA

MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TDCS 3+A (GW-D.B.)	80 x 65	1500	15	16	12.0 - 16.5	3.7 / 5	A.R	D.B	203	NON-ISI
TDCS 3+B (GW-D.B.)	80 x 65	1500	16	16	12.8 - 17.6	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 3+C (GW-D.B.)	80 x 65	1500	17	16	13.6 - 18.7	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 3A (GW-D.B.)	80 x 80	1500	15	15	12.0 - 16.5	3.7 / 5	A.R	D.B	203	NON-ISI
TDCS 3B (GW-D.B.)	80 x 80	1500	16	15	12.8 - 17.6	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 3C (GW-D.B.)	80 x 80	1500	17	16	13.6 - 18.7	5.9/8	A.R	D.B	203	NON-ISI
TDCS 4A (GW-D.B.)	100 x 100	1500	12	18	10.2 - 12.6	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 4B (GW-D.B.)	100 x 100	1500	12	25	9.6 - 13.2	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 5A (GW-D.B.)	125 x 125	1500	7	42	5.6 - 7.7	4.8 / 6.5	C.R / A.R	D.B	203	NON-ISI
TDCS 5B (GW-D.B.)	125 x 125	1500	8	38	6.4 - 8.8	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 5C (GW-D.B.)	125 x 125	1500	8	42	6.4 - 8.8	7.3 / 1	A.R	D.B	203	NON-ISI
TDCS 6+A (GW-D.B.)	150 x 125	1500	7	39	5.6 - 7.7	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 6+B (GW-D.B.)	150 x 125	1500	8	42	6.4 - 8.8	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 6+C (GW-D.B.)	150 x 125	1500	8	42	6.4 - 8.8	7.3/10	A.R	D.B	203	NON-ISI
TDCS 6A (GW-D.B.)	150 x 150	1500	7	42	5.6 - 7.7	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 6B (GW-D.B.)	150 x 150	1500	8	40	6.4 - 8.8	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 6C (GW-D.B.)	150 x 150	1500	8	40	6.4 - 8.8	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 6DA (GW-D.B.)	150 x 150	1500	12	54	9.6 - 13.2	10.5 / 14	A.R	D.B	203	NON-ISI
TDCS 6DB (GW-D.B.)	150 x 150	1500	16	60	12.8 - 17.6	15 / 20	A.R	D.B	203	NON-ISI

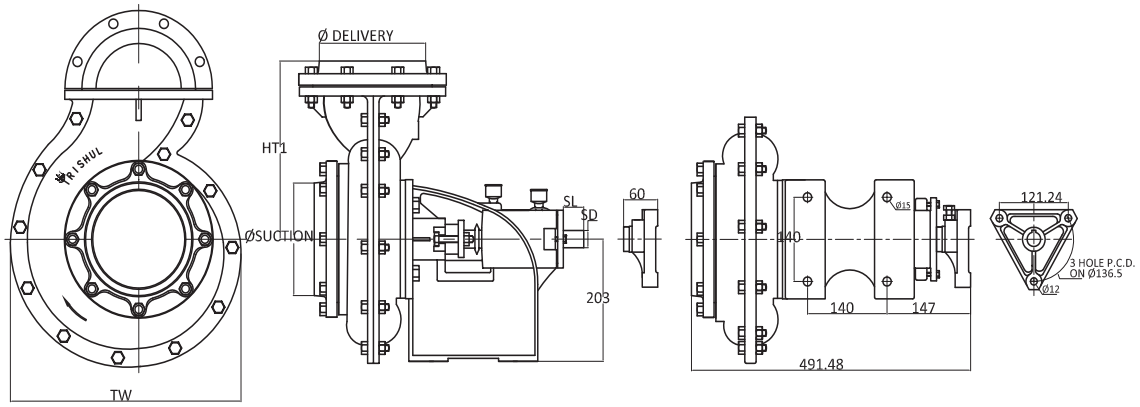
* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

PERFORMANCE TABLE

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

FLOW IN LPS	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			
			25	23	22	20	12				
		24	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			

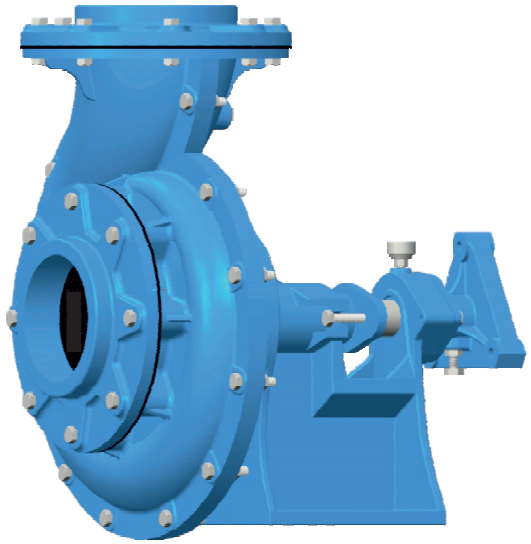
OVER ALL DIMENSION



As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.

NDCS GW - S.B. Series

Nilax PUMP



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

Applications

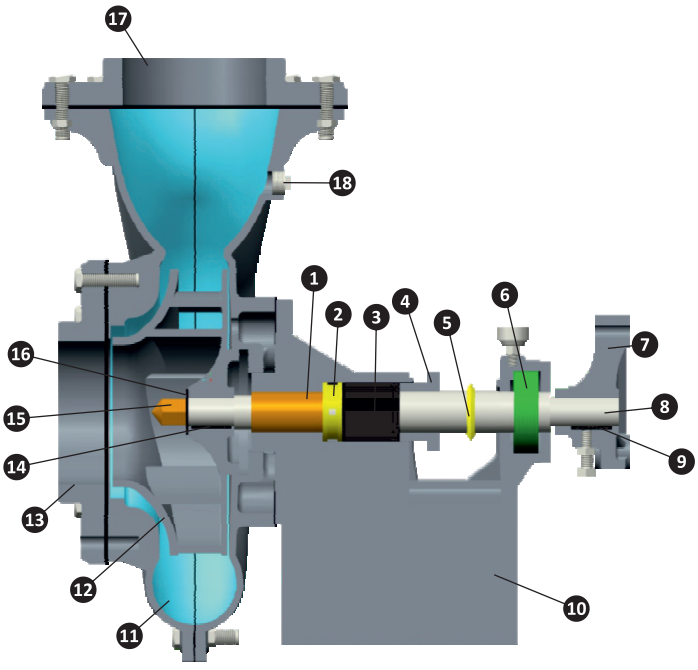
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

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.)

MATERIAL TABLE

No.	Part	Material
01	Bush	Bronze
02	Lantern ring	Poly Propylene
03	Gland rope	Graphite Cotton
04	Gland Cover	Cast Iron
05	Deflector	L.D.
06	Bearing	Bearing Steel
07	Triangular flange	Cast Iron
08	Shaft	Carbon Steel
09	Key	Mild Steel
10	Body	Cast Iron
11	Casing	Cast Iron
12	Impeller	Cast Iron
13	Suction flange	Cast Iron
14	Key	Mild Steel
15	Nut	Mild Steel
16	Washer	Mild Steel
17	Delivery Flange	Cast Iron
18	Thread Cap	Plastic



TECHNICAL DATA

MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TDCS 3+A (GW - S.B.)	80 x 65	1500	15	16	12.0 - 16.5	3.7 / 5	A.R	S.B.	203	NON-ISI
TDCS 3+B (GW - S.B.)	80 x 65	1500	16	16	12.8 - 17.6	4.8 / 6.5	A.R	S.B.	203	NON-ISI
TDCS 3+C (GW - S.B.)	80 x 65	1500	17	16	13.6 - 18.7	5.9 / 8	A.R	S.B.	203	NON-ISI
TDCS 3A (GW - S.B.)	80 x 80	1500	15	15	12.0 - 16.5	3.7 / 5	A.R	S.B.	203	NON-ISI
TDCS 3B (GW - S.B.)	80 x 80	1500	16	15	12.8 - 17.6	4.8 / 6.5	A.R	S.B.	203	NON-ISI
TDCS 3C (GW - S.B.)	80 x 80	1500	17	16	13.6 - 18.7	5.9/8	A.R	S.B.	203	NON-ISI
TDCS 4A (GW - S.B.)	100 x 100	1500	12	18	10.2 - 12.6	4.8 / 6.5	A.R	S.B.	203	NON-ISI
TDCS 4B (GW - S.B.)	100 x 100	1500	12	25	9.6 - 13.2	5.9 / 8	A.R	S.B.	203	NON-ISI
TDCS 5A (GW - S.B.)	125 x 125	1500	7	42	5.6 - 7.7	4.8 / 6.5	C.R / A.R	S.B.	203	NON-ISI
TDCS 5B (GW - S.B.)	125 x 125	1500	8	38	6.4 - 8.8	5.9 / 8	A.R	S.B.	203	NON-ISI
TDCS 5C (GW - S.B.)	125 x 125	1500	8	42	6.4 - 8.8	7.3 / 1	A.R	S.B.	203	NON-ISI
TDCS 6+A (GW - S.B.)	150 x 125	1500	7	39	5.6 - 7.7	4.8 / 6.5	A.R	S.B.	203	NON-ISI
TDCS 6+B (GW - S.B.)	150 x 125	1500	8	42	6.4 - 8.8	5.9 / 8	A.R	S.B.	203	NON-ISI
TDCS 6+C (GW - S.B.)	150 x 125	1500	8	42	6.4 - 8.8	7.3/10	A.R	S.B.	203	NON-ISI
TDCS 6A (GW - S.B.)	150 x 150	1500	7	42	5.6 - 7.7	4.8 / 6.5	A.R	S.B.	203	NON-ISI
TDCS 6B (GW - S.B.)	150 x 150	1500	8	40	6.4 - 8.8	5.9 / 8	A.R	S.B.	203	NON-ISI
TDCS 6C (GW - S.B.)	150 x 150	1500	8	40	6.4 - 8.8	5.9 / 8	A.R	S.B.	203	NON-ISI

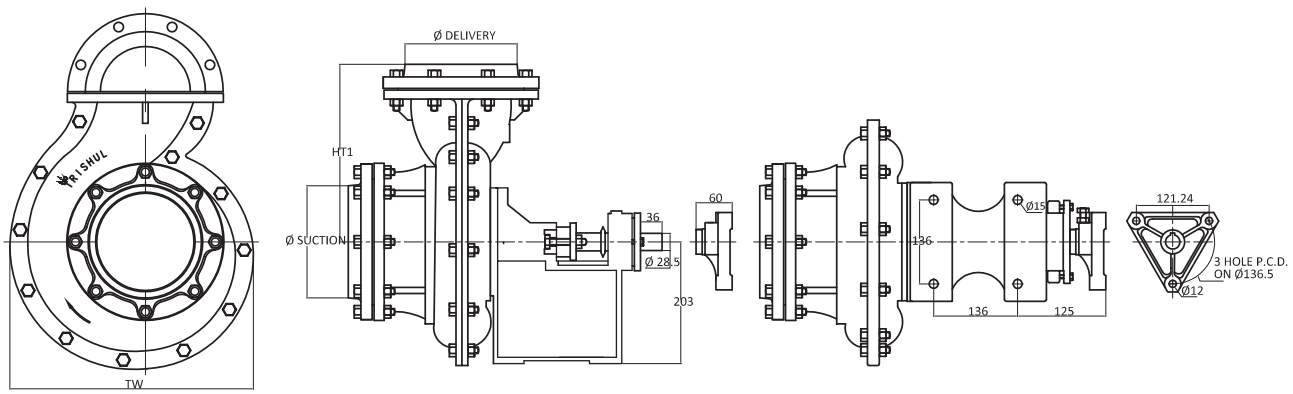
* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

PERFORMANCE TABLE

MODEL NAME	SIZE	SPEED	PRIME MOVER
	(mm)	(rpm)	(kW / H.P.)
TDCS 3+A (GW - S.B.)	80 x 65	1500	3.7 / 5
TDCS 3+B (GW - S.B.)	80 x 65	1500	4.8 / 6.5
TDCS 3+C (GW - S.B.)	80 x 65	1500	5.9 / 8
TDCS 3A (GW - S.B.)	80 x 80	1500	3.7 / 5
TDCS 3B (GW - S.B.)	80 x 80	1500	4.8 / 6.5
TDCS 3C (GW - S.B.)	80 x 80	1500	5.9 / 8
TDCS 4A (GW - S.B.)	100 x 100	1500	4.8 / 6.5
TDCS 4B (GW - S.B.)	100 x 100	1500	5.9 / 8
TDCS 5A (GW - S.B.)	125 x 125	1500	4.8 / 6.5
TDCS 5B (GW - S.B.)	125 x 125	1500	5.9 / 8
TDCS 5C (GW - S.B.)	125 x 125	1500	7.3 / 10
TDCS 6+A (GW - S.B.)	150 x 125	1500	4.8 / 6.5
TDCS 6+B (GW - S.B.)	150 x 125	1500	5.9 / 8
TDCS 6+C (GW - S.B.)	150 x 125	1500	7.3 / 10
TDCS 6A (GW - S.B.)	150 x 150	1500	4.8 / 6.5
TDCS 6B (GW - S.B.)	150 x 150	1500	5.9 / 8
TDCS 6C (GW - S.B.)	150 x 150	1500	7.3 / 10

FLOW IN LPS	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			
			25	23	22	20	12				
		24	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						

OVER ALL DIMENSION



As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.

NDCS MW Series



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

Benefits

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

Applications

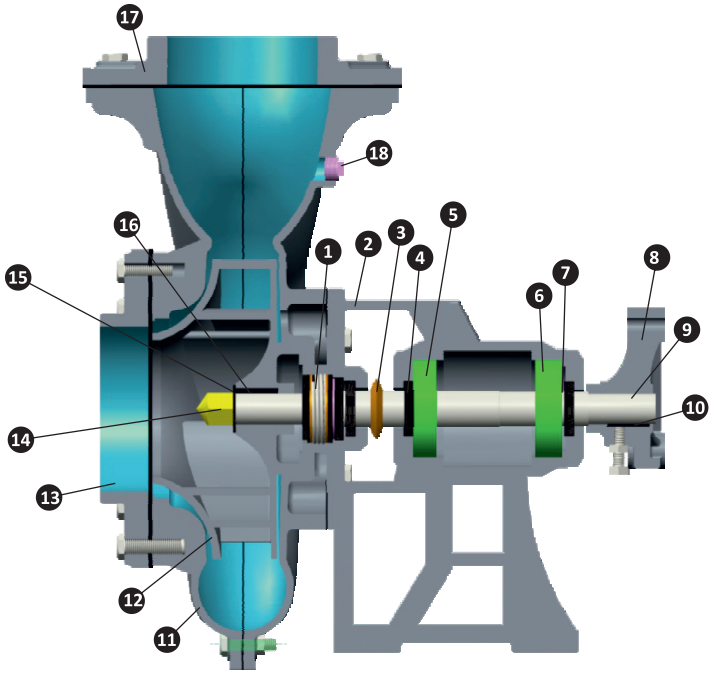
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

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.)

MATERIAL TABLE

No.	Part	Material
01	Mechanical Seal	
02	Body	Cast Iron
03	Deflector	L.D.
04	Oil Seal	Rubber
05	Bearing	Bearing Steel
06	Bearing	Bearing Steel
07	Oil Seal	Rubber
08	Triangular Flange	Cast Iron
09	Shaft	Carbon Steel
10	Key	Mild Steel
11	Casing	Cast Iron
12	Impeller	Cast Iron
13	Suction Flange	Cast Iron
14	Nut	Mild Steel
15	Washer	Mild Steel
16	Key	Mild Steel
17	Delivery Flange	Cast Iron
18	Thread Cap	Plastic



TECHNICAL DATA

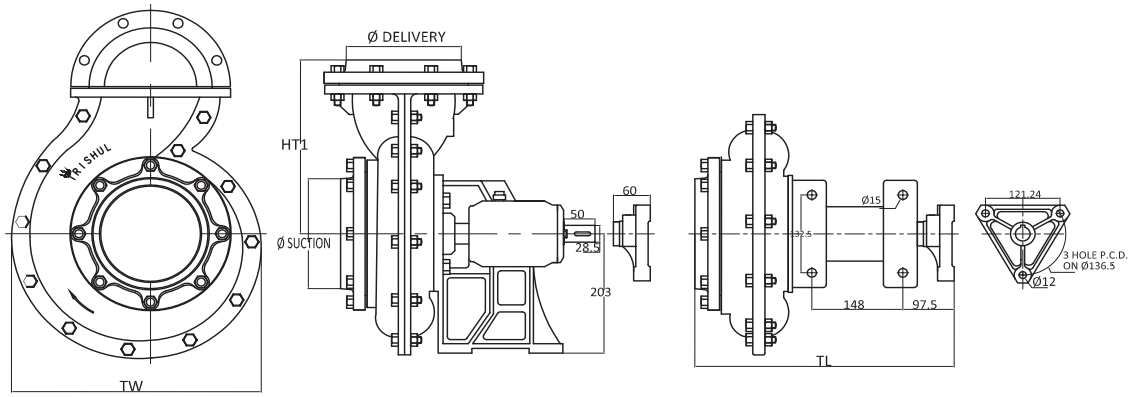
MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TDCS 3+A (MW)	80 x 65	1500	15	16	12.0 - 16.5	3.7 / 5	A.R	D.B	203	NON-ISI
TDCS 3+B (MW)	80 x 65	1500	16	16	12.8 - 17.6	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 3+C (MW)	80 x 65	1500	17	16	13.6 - 18.7	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 3A (MW)	80 x 80	1500	15	15	12.0 - 16.5	3.7 / 5	A.R	D.B	203	NON-ISI
TDCS 3B (MW)	80 x 80	1500	16	15	12.8 - 17.6	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 3C (MW)	80 x 80	1500	17	16	13.6 - 18.7	5.9/8	A.R	D.B	203	NON-ISI
TDCS 4A (MW)	100 x 100	1500	12	18	10.2 - 12.6	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 4B (MW)	100 x 100	1500	12	25	9.6 - 13.2	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 5A (MW)	125 x 125	1500	7	42	5.6 - 7.7	4.8 / 6.5	C.R / A.R	D.B	203	NON-ISI
TDCS 5B (MW)	125 x 125	1500	8	38	6.4 - 8.8	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 5C (MW)	125 x 125	1500	8	42	6.4 - 8.8	7.3 / 1	A.R	D.B	203	NON-ISI
TDCS 6+A (MW)	150 x 125	1500	7	39	5.6 - 7.7	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 6+B (MW)	150 x 125	1500	8	42	6.4 - 8.8	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 6+C (MW)	150 x 125	1500	8	42	6.4 - 8.8	7.3/10	A.R	D.B	203	NON-ISI
TDCS 6A (MW)	150 x 150	1500	7	42	5.6 - 7.7	4.8 / 6.5	A.R	D.B	203	NON-ISI
TDCS 6B (MW)	150 x 150	1500	8	40	6.4 - 8.8	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 6C (MW)	150 x 150	1500	8	40	6.4 - 8.8	5.9 / 8	A.R	D.B	203	NON-ISI
TDCS 6DA (MW)	150 x 150	1500	12	54	9.6 - 13.2	10.5 / 14	A.R	D.B	203	NON-ISI
TDCS 6DB (MW)	150 x 150	1500	16	60	12.8 - 17.6	15 / 20	A.R	D.B	203	NON-ISI

* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

PERFORMANCE TABLE

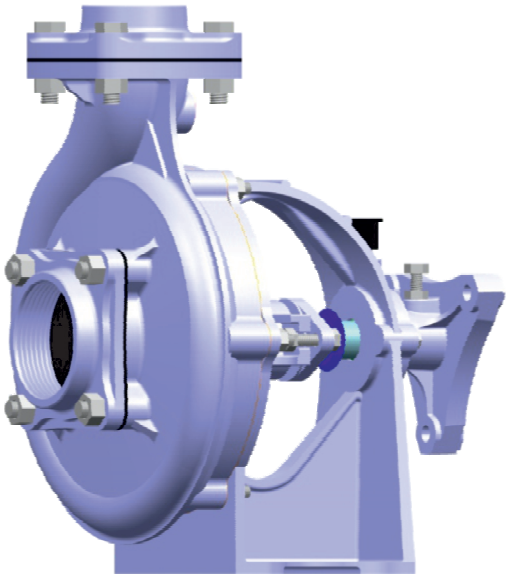
MODEL NAME	SIZE	SPEED	PRIME MOVER	FLOW IN LPS	HEAD IN METERS										
					4	6	8	10	12	14	16	18	20	22	24
	(mm)	(rpm)	(kW / H.P.)												
TDCS 3+A (MW)	80 x 65	1500	3.7 / 5				21	19.5	18	16.5	14				
TDCS 3+B (MW)	80 x 65	1500	4.8 / 6.5						23	20	15	9			
TDCS 3+C (MW)	80 x 65	1500	5.9 / 8				25	23	22	20	12				
TDCS 3A (MW)	80 x 80	1500	3.7 / 5			24	22	20	18	14					
TDCS 3B (MW)	80 x 80	1500	4.8 / 6.5				21.5	20.5	19	18	16.5	11			
TDCS 3C (MW)	80 x 80	1500	5.9 / 8				27	26	25	24	23	22	20	12	
TDCS 4A (MW)	100 x 100	1500	4.8 / 6.5			33	30	27	21	6					
TDCS 4B (MW)	100 x 100	1500	5.9 / 8				40	35	25	18					
TDCS 5A (MW)	125 x 125	1500	4.8 / 6.5			44	32	20							
TDCS 5B (MW)	125 x 125	1500	5.9 / 8			48	38	24							
TDCS 5C (MW)	125 x 125	1500	7.3 / 10			55	44	26							
TDCS 6+A (MW)	150 x 125	1500	4.8 / 6.5			47	30	18							
TDCS 6+B (MW)	150 x 125	1500	5.9 / 8			53	34	20							
TDCS 6+C (MW)	150 x 125	1500	7.3 / 10			55	38	22							
TDCS 6A (MW)	150 x 150	1500	4.8 / 6.5			50	40	20							
TDCS 6B (MW)	150 x 150	1500	5.9 / 8			53	42	26							
TDCS 6C (MW)	150 x 150	1500	7.3 / 10			56	46	30	18						
TDCS 6DA (MW)	150 x 150	1500	10.5 / 14				78	74	66	50	40				
TDCS 6DB (MW)	150 x 150	1500	15 / 20				85	80	76	65	60	50			

OVER ALL DIMENSION



As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.

NDCV GW 1 Series



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

Applications

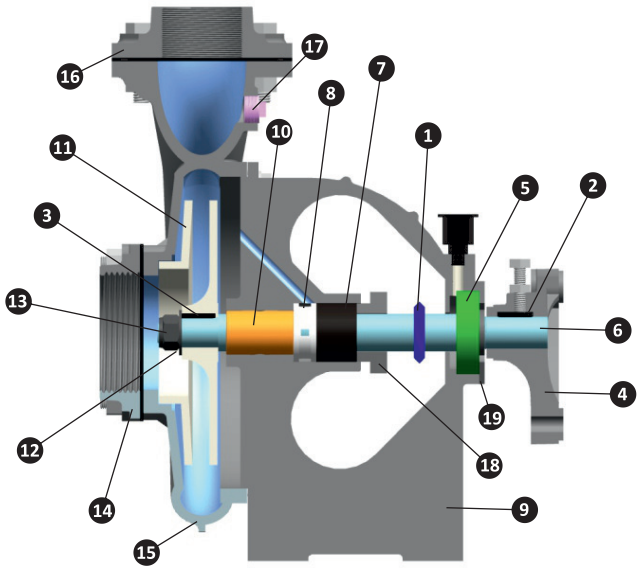
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

Operating Limits

- Direct Couple with Engine and/or Motors
- Discharge flange size 50 to 100mm
- Suction flange size 50 to 100mm
- Maximum flow rate 30 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.)

MATERIAL TABLE

No.	Part	Material
01	Deflector	L.D.
02	Key	Mild Steel
03	Key	Mild Steel
04	Triangular flange	Cast Iron
05	Bearing	Bearing Steel
06	Shaft	Carbon Steel
07	Gland rope	Graphite Cotton
08	Lantern ring	Poly Propylene
09	Bearing housing	Cast Iron
10	Bush	Bronze
11	Impeller	Cast Iron
12	Washer	Mild Steel
13	Nut	Mild Steel
14	Suction flange	Cast Iron
15	Casing	Cast Iron
16	Delivery flange	Cast Iron
17	Thread cap	Plastic
18	Gland Cover	Cast Iron
19	Bearing Cover	M.S.



TECHNICAL DATA

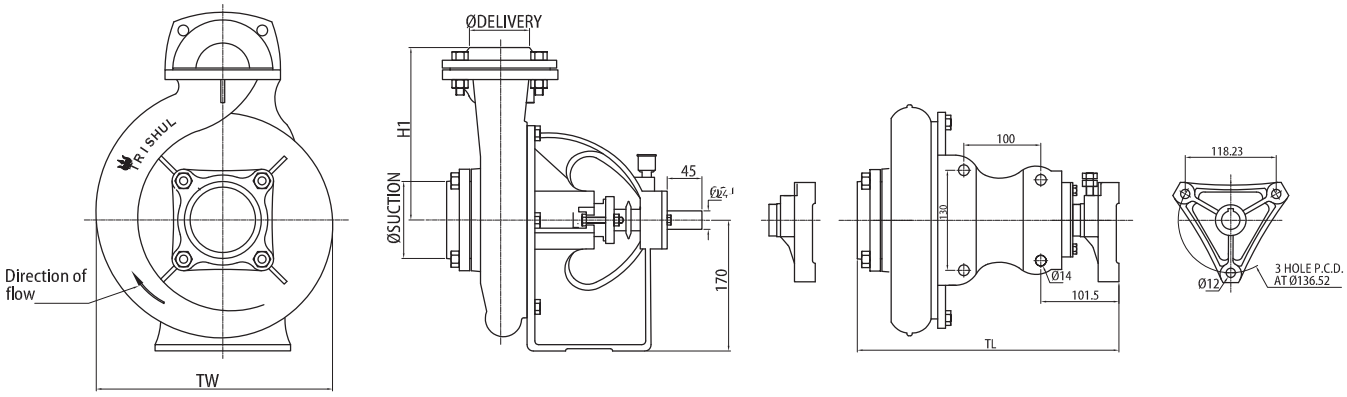
MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TDCV 2+AB (GW 1)	65 x 50	1800	26	13	20.8 - 28.6	5.90 / 8	A.R	S.B	170	ISI
TDCV 3+A (GW 1)	80 X 65	1500	15	15	12.75 -15.75	3.70 / 5	A.R	S.B	170	ISI
TDCV 3+ (GW 1)	80 x 65	1500	15.5	16	13.15 - 16.3	4.80 / 6.5	A.R	S.B	170	ISI
TDCV 3+E (GW 1)	80 x 65	1800	18	14	12.0 - 19.8	4.80 / 6.5	A.R	S.B	170	ISI
TDCV 3+AB (GW 1)	80 x 65	1800	22	14	16.0 - 24.5	5.90 / 8	A.R	S.B	170	ISI
TDCV 3+H (GW 1)	80 x 65	2200	27	15	21.6 - 30.0	4.80 / 6.5	A.R	S.B	170	ISI
TDCV 3 (GW 1)	75 x 75	1500	15.5	17	13.15 -16.30	4.80 / 6.5	A.R	S.B	170	ISI
TDCV 4 (GW 1)	100 x 100	1500	12	18	10.20 - 12.6	4.80 / 6.5	A.R	S.B	170	ISI

* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

PERFORMANCE TABLE

MODEL NAME	SIZE	SPEED	PRIME MOVER	FLOW IN LPS	HEAD IN METERS											
					6	8	10	12	14	16	18	20	22	24	26	28	30
	(mm)	(rpm)	(kW / H.P.)														
TDCV 2+AB (GW 1)	65 x 50	1800	5.90 / 8						20	18.8	17.8	16.7	15.6	14.3	13.2	8.9	
TDCV 3+A (GW 1)	80 X 65	1500	3.70 / 5			21	19.9	18.4	16.4	13.8							
TDCV 3+ (GW 1)	80 x 65	1500	4.80 / 6.5					23	20	15	9.						
TDCV 3+E (GW 1)	80 x 65	1800	4.80 / 6.5				18.8	17.7	16.4	15.2	14	7					
TDCV 3+AB (GW 1)	80 x 65	1800	5.90 / 8				20	19.1	18.3	17.6	16.7	15.7	14.1	8.9			
TDCV 3+H (GW 1)	80 x 65	2200	4.80 / 6.5				21.8	20.9	19.7	18.9	18.1	17.3	16.5	15.9	15.4	14.1	9
TDCV 3 (GW 1)	75 x 75	1500	4.80 / 6.5			21.7	20.7	19.4	18.1	16.9	11						
TDCV 4 (GW 1)	100 x 100	1500	4.80 / 6.5		33	30.5	26.8	20	12.1								

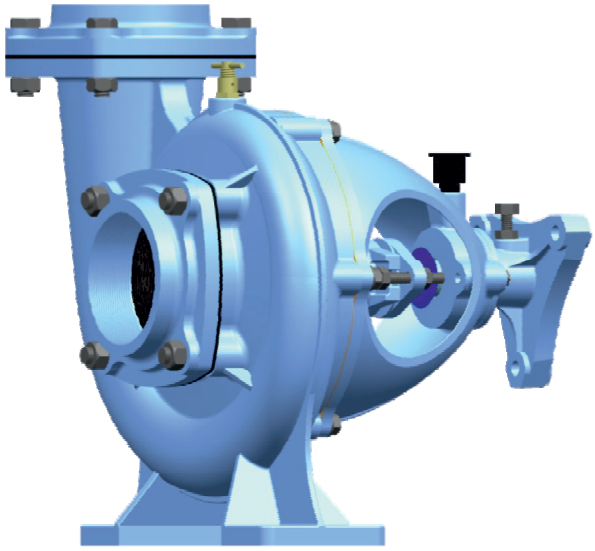
OVER ALL DIMENSION



PUMP SIZE (mm)		PUMP DIMENSION (mm)		
Ø SUCTION	Ø DELIVERY	T.L.	T.W.	HT1
65	50	341	296	227
80	65			
80	80	355	326	242
100	100	364		

As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.

NDSV GL Series



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

Applications

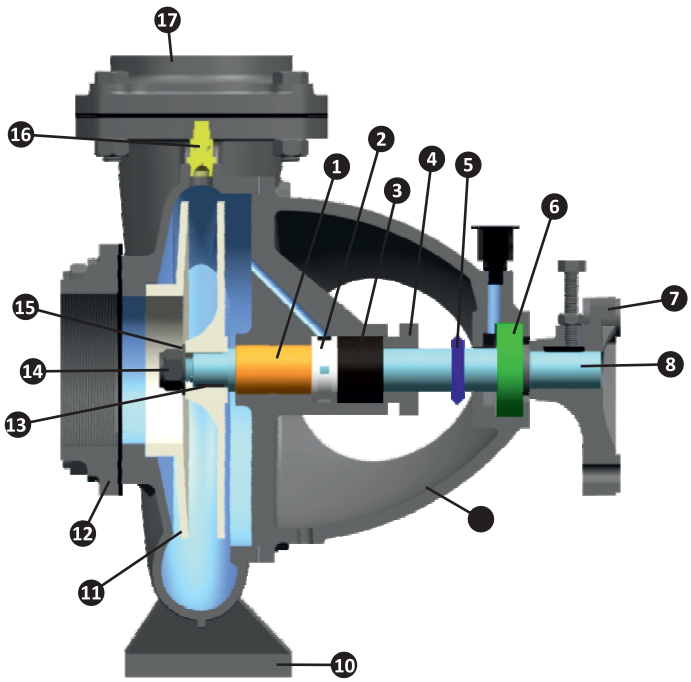
- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

Operating Limits

- Direct Couple with Engine and/or Motors
- Discharge flange size 65 to 150mm
- Suction flange size 65 to 150mm
- Maximum flow rate 54 l/sec
- Maximum generated head 17 mtr
- Maximum temperature for bearing not to exceed 120°C
- Clean - cold water pump
- Working pressure 3.5 bar (max.)

MATERIAL TABLE

No.	Part	Material
01	Bush	Bronze
02	Lantern ring	Poly Propylene
03	Gland rope	Graphite Cotton
04	Gland Cover	Cast Iron
05	Deflector	L.D.
06	Bearing	Bearing Steel
07	Triangular flange	Cast Iron
08	Shaft	Carbon Steel
09	Body	Cast Iron
10	Casing	Cast Iron
11	Impeller	Cast Iron
12	Suction flange	Cast Iron
13	Key	Mild Steel
14	Nut	Mild Steel
15	Washer	Mild Steel
16	Air Cock	Bronze
17	Delivery flange	Cast Iron



TECHNICAL DATA

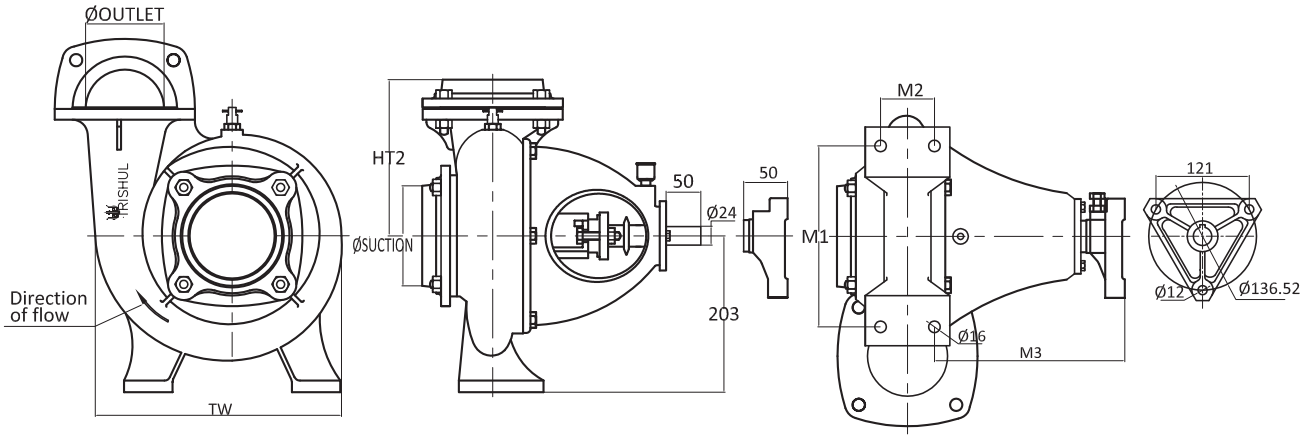
MODEL NAME	SIZE	SPEED	DUTY POINT		HEAD RANGE	PRIME MOVER	ROTATION	BEARING	HEIGHT CENTRE	ISI / NON ISI
			HEAD	FLOW						
	(mm)	(rpm)	(mtr.)	(l.p.s.)	(mtr.)	(kW / H.P.)			(mm)	
TDSV 3+A (GL)	80 x 65	1500	15	16	12.0 - 18.0	3.70 / 5	A.R	S.B.	203	ISI
TDSV 3 (GL)	75 x 75	1500	16	15	13.6 - 16.8	4.80 / 6.5	A.R	S.B.	203	ISI
TDSV 4LH (GL)	100 x 100	1500	12	16	6.0 - 14.0	3.70 / 5	A.R	S.B.	203	ISI
TDSV 4 (GL)	100 x 100	1500	12	20	10.20 - 12.60	4.80 / 6.5	A.R	S.B.	203	ISI
TDSV 4H (GL)	100 x 100	1500	8	40	7.75 - 10.5	5.90 / 8	A.R	S.B.	203	ISI
TDSV 5+ (GL)	125 x 100	1500	8	38	6.4 - 8.8	5.9 / 10	A.R	S.B.	203	NON ISI
TDSV 5 (GL)	125 x 125	1500	8	39	6.4 - 8.8	5.90 / 8	A.R	S.B.	203	NON ISI
TDSV 6+ (GL)	150 x 125	1500	8	42	6.4 - 8.8	5.90 / 8	A.R	S.B.	203	NON ISI
TDSV 6 (GL)	150 x 150	1500	8	42	6.4 - 8.8	5.90 / 8	A.R	S.B.	203	NON ISI

* Abbreviation: A.R. - Anticlock Rotation (from Drivers end) / C.R. - Clock Rotation (from Drivers end) / S.B. - Single Bearing / D.B. - Double Bearing

PERFORMANCE TABLE

MODEL NAME	SIZE	SPEED	PRIME MOVER	FLOW IN LPS	HEAD IN METERS											
					5	6	7	8	9	10	11	12	13	14	15	16	17
	(mm)	(rpm)	(kW / H.P.)														
TDSV 3+A (GL)	80 x 65	1500	3.70 / 5				21	20.5	19.5	19	18.5	18	17.5	17	16	13	7
TDSV 3 (GL)	75 x 75	1500	4.80 / 6.5				21.7	21.1	20.7	20.1	19.4	18.8	18.1	17.4	16.9	13.2	8
TDSV 4LH (GL)	100 x 100	1500	3.70 / 5			28.8	27	25	23.2	21.8	19.1	17.2	15.3	11	7.5		
TDSV 4 (GL)	100 x 100	1500	4.80 / 6.5			33	32	30.5	28.5	26.8	23	20	16.8	12.1			
TDSV 4H (GL)	100 x 100	1500	5.90 / 8				47	43	40	36.8	32.5	28	21				
TDSV 5+ (GL)	125 x 100	1500	5.9 / 10			48	38	24									
TDSV 5 (GL)	125 x 125	1500	5.90 / 8			55	44	26									
TDSV 6+ (GL)	150 x 125	1500	5.90 / 8			53	34	20									
TDSV 6 (GL)	150 x 150	1500	5.90 / 8		54	50	40	22									

OVER ALL DIMENSION



PUMP DIMENSION							
Ø SUCTION	Ø DELIVERY	T.L.	T.W.	HT1	M1	M2	M3
80	65	354	326	202	235	70	230
80	80						
100	100	364	350	202	235	70	230
125	100	410	370	242	248	80	254
125	125						
150	125						
150	150						

As on continues Improvement and R&D, Performance data and Material information furnished in this book are subject to change without notice.