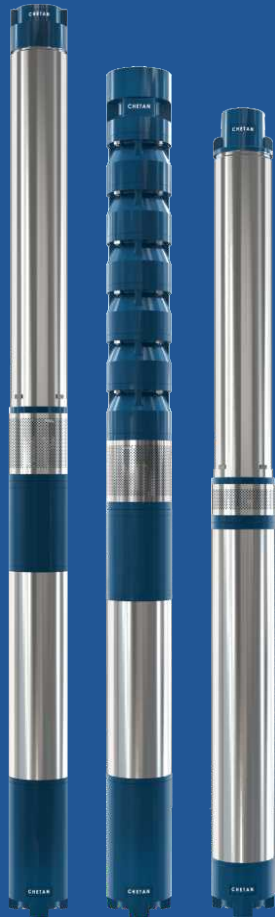


CHE TAN

PRODUCT CATALOGUE



100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

Since 1975



CML-8204056



BEE/TR/0134/09



Selected Models Only

About Us

Chetan Pumps is a distinguished manufacturer of superior quality and high-efficiency pumps.

Since 1975,

we are committed to exceeding society's expectations by meeting their dynamic needs & augmenting their lives.

Our world-class manufacturing units **sprawl over 12,000 sq.m. of land at 3 distinct locations** marking an annual production of

50,000+ pumps

With an in-house Cast Iron Foundry, exemplary Machining Shops & modern Testing Facilities employing the latest technologies, and R&D Infrastructure, Chetan Pumps is setting a benchmark in the pump industry.



Company Policy

Delivering high-efficiency pumping solutions to meet the dynamic needs of customers worldwide.

Strongly integrated manufacturing and testing facilities, producing cutting-edge pumps.

Surpassing customer expectations by supplying products on time, in the right quantity, and at the most competitive rates.

Highlights

- 1 Approved by BIS and BEE
- 2 Rajasthan's 1st 5 star rated pump manufacturing company
- 3 ISO 9001:2015 Certified Company
- 4 BSR Approved and Supplying to various Government Organisations
- 5 1500+ variety of pumps including 560+ ISI approved models
- 6 47+ pioneering years in the pump industry

Vision

Evolving as the most entrusted brand in the pump industry by 2030.

Our products emphasize the betterment of communities globally through innovative and sustainable engineering solutions.

By delivering value to every section of society, using our world-class framework, we aim to be the foremost choice of customers.

100 mm (4") Borewell Submersible Pumpsets

Chetan Pumps are perfectly crafted from premium quality raw material with top quality standards to ensure more durability. Each pump from us is designed, engineered and tested extensively in real-life conditions for hassle-free operations. Our pumps are equipped with low-friction; low-power consumption and high-efficiency motors that will help you achieve maximum discharge. Our pumps are designed to ensure extended service life with zero to minimal need for maintenance.

Salient Features

- ✓ Each pump is fabricated from precisely machined components crafted with highly advanced equipment which includes CNC machines that ensure low maintenance & longer life.
- ✓ Crafted to withstand and smoothly operate even severe voltage-fluctuation conditions with ease.
- ✓ Equipped with an ultra-modern and innovative sand fighter design that prevents sand from entering and damaging the pump in sandy regions.
- ✓ Engineered to operate with minimum vibration and noise with dynamically balanced components for longer life.
- ✓ Equipped with high-performance Rotor, crafted from electro grade copper that can operate at low voltage with minimum discharge drop.
- ✓ Specially designed stators with Low-watt Silicon steel lamination equipped with water proof synthetic film insulated copper winding wires for better performance.
- ✓ Equipped with extremely robust and rigorously tested thrust bearings to ensure high axial load
- ✓ Each pump is equipped with a thread-type motor that ensures minimal and easy maintenance.
- ✓ Each pump comes equipped with check valve to prevent back flow of water & minimize water hammering risk.

Applications

- ✓ Domestic
- ✓ Irrigation
- ✓ Industries
- ✓ Community Water Supply
- ✓ Fire Fighting
- ✓ Pressure Boosting



Specifications

Power Range	0.37 - 5.5 kW (0.5 - 7.5 HP)
Head Range	Upto 300 meters
Discharge Range	Upto 420 LPM
Voltage Range	150 - 240 Volts (Single Phase) 330 - 440 Volts (Three Phase)
Direction of Rotation	1 Ph - Anti-clockwise view from top; 3 Ph - Electrically Reversible
Method of Starting	1 Ph - CSCR upto 3.7kW; 3 Ph - D.O.L upto 5.5 kW
Type of Duty	S1 (Continuous)
Type of Cooling	Water Filled

Material of construction

Impeller	Noryl / Stainless Steel
Diffuser	Noryl / Cast Iron
Pump Outer Shell	Stainless Steel
Check Valve Housing	Cast Iron
Suction Housing	Cast Iron
Pump / Rotor Shaft	Stainless Steel
Motor Housing	Cast Iron
Stator Outer Shell	Stainless Steel
Pump / Motor Bushes	NBR / LTB / Carbon
Thrust Bearing Assembly	Carbon & Stainless Steel

Performance Chart

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage – Single Phase 220 Volts,

Three Phase 415 Volts, 50 Hz, A.C. Supply.

Maximum Outer Diameter : 98 mm

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						RADIAL FLOW
	kW	HP			0	10	18	25	33	40	
TR - 101 / 0.5 / 9	0.37	0.5	9		48	45	39	34	27	18	
TR - 101 / 0.75 / 13	0.5	0.75	13		68	65	57	50	39	26	
TR - 101 / 1 / 18	0.75	1	18		95	90	79	70	54	36	
TR - 101 / 1.5 / 28	1.1	1.5	28		147	140	123	109	84	56	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						RADIAL FLOW
	kW	HP			0	20	30	40	50	60	
TR - 102 / 0.5 / 6	0.37	0.5	6		34	32	30	27	22	15	
TR - 102 / 0.75 / 10	0.5	0.75	10		56	53	51	46	38	26	
TR - 102 / 1 / 13	0.75	1	13		73	69	66	60	49	34	
TR - 102 / 1.5 / 19	1.1	1.5	19		106	100	97	87	72	49	
TR - 102 / 2 / 27	1.5	2	27		150	143	137	124	102	70	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							RADIAL FLOW
	kW	HP			0	35	50	60	70	80	100	
TR - 104 / 0.5 / 5	0.37	0.5	5		30	27	25	24	22	20	17	
TR - 104 / 0.75 / 7	0.5	0.75	7		42	38	36	34	31	28	24	
TR - 104 / 1 / 10	0.75	1	10		60	54	51	48	44	40	34	
TR - 104 / 1.5 / 14	1.1	1.5	14		84	75	71	67	62	56	47	
TR - 104 / 2 / 20	1.5	2	20		120	108	102	96	88	80	68	
TR - 104 / 3 / 25	2.2	3	25		150	135	128	121	111	100	85	
TR - 104 / 3 / 30	2.2	3	30		180	162	153	145	133	120	102	

OUTLET SIZE - 40 mm (1 1/2")

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage – Single Phase 220 Volts,
 Three Phase 415 Volts, 50 Hz, A.C. Supply.
 Maximum Outer Diameter : 98 mm

Performance Chart

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							RADIAL FLOW
	kW	HP			0	40	60	80	100	120	140	
TR - 105 / 1.5 / 10	1.1	1.5	10		63	60	57	52	46	37	25	
TR - 105 / 2 / 13	1.5	2	13		82	78	74	67	59	48	33	
TR - 105 / 3 / 19	2.2	3	19		119	114	108	98	87	70	48	
TR - 105 / 4 / 24	3	4	24		150	144	137	124	110	88	60	
TR - 105 / 5 / 30	3.7	5	30		188	180	171	155	137	110	76	

OUTLET SIZE - 40 mm (1 1/2")

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							RADIAL FLOW
	kW	HP			0	50	75	100	125	150	175	
TR - 107 / 2 / 10	1.5	2	10		67	65	63	59	52	40	27	
TR - 107 / 3 / 15	2.2	3	15		101	98	94	88	78	60	40	
TR - 107 / 4 / 19	3	4	19		128	123	119	112	99	76	51	
TR - 107 / 5 / 24	3.7	5	24		160	157	151	142	125	96	65	

OUTLET SIZE - 50 mm (2")

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							RADIAL FLOW
	kW	HP			0	100	125	150	175	200	225	
TR - 110 / 2 / 8	1.5	2	8		48	41	37	33	27	21	15	
TR - 110 / 3 / 13	2.2	3	13		78	66	60	53	44	34	24	
TR - 110 / 4 / 17	3	4	17		102	86	78	69	57	44	30	
TR - 110 / 5 / 21	3.7	5	21		126	106	96	85	70	53	38	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							MIXED FLOW
	kW	HP			0	150	200	250	300	350	400	
TM - 118 / 2 / 6	1.5	2	6		33	27	26	21	17	11	6	
TM - 118 / 3 / 8	2.2	3	8		44	36	34	28	22	15	8	
TM - 118 / 3 / 10	2.2	3	10		55	45	43	35	28	19	10	
TM - 118 / 5 / 14	3.7	5	14		77	63	60	49	39	26	14	

Single phase motors available upto 3.7 kW (5 HP).

Performance Chart

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage – Single Phase 220 Volts,

Three Phase 415 Volts, 50 Hz, A.C. Supply.

Maximum Outer Diameter : 98 mm

HIGH HEAD PUMPS

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						RADIAL FLOW
	kW	HP			0	20	30	38	46	53	
TRH - 101 / 1 / 12	0.75	1	12		84	72	60	48	36	24	
TRH - 101 / 1.5 / 18	1.1	1.5	18		126	108	90	72	54	36	
TRH - 101 / 2 / 25	1.5	2	25		175	150	125	100	75	50	
TRH - 101 / 3 / 36	2.2	3	36		252	216	180	144	108	72	
TRH - 101 / 5 / 50	3.7	5	50		350	300	250	200	150	100	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						RADIAL FLOW	
	kW	HP			0	30	45	58	70	80		90
TRH - 102 / 1 / 9	0.75	1	9		72	63	54	45	36	27	18	
TRH - 102 / 1.5 / 14	1.1	1.5	14		112	98	84	70	56	42	28	
TRH - 102 / 2 / 18	1.5	2	18		144	126	108	90	72	54	36	
TRH - 102 / 3 / 27	2.2	3	27		216	189	162	135	108	81	54	
TRH - 102 / 5 / 40	3.7	5	40		320	280	240	200	160	120	80	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						RADIAL FLOW	
	kW	HP			0	35	55	67	80	90		100
TRH - 103 / 1 / 8	0.75	1	8		64	56	48	40	32	24	16	
TRH - 103 / 1.5 / 11	1.1	1.5	11		88	77	66	55	44	33	22	
TRH - 103 / 2 / 15	1.5	2	15		120	105	90	75	60	45	30	
TRH - 103 / 3 / 22	2.2	3	22		176	154	132	110	88	66	44	
TRH - 103 / 5 / 35	3.7	5	35		280	245	210	175	140	105	70	

OUTLET SIZE - 40 mm (1 1/2")

Single phase motors available upto 3.7 kW (5 HP).

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage – Single Phase 220 Volts,
 Three Phase 415 Volts, 50 Hz, A.C. Supply.
 Maximum Outer Diameter : 98 mm

Performance Chart

HIGH HEAD PUMPS

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						
	kW	HP			0	36	58	72	85	100	112
TRH - 104 / 1 / 7	0.75	1	7		56	49	42	35	28	21	14
TRH - 104 / 1.5 / 10	1.1	1.5	10		80	70	60	50	40	30	20
TRH - 104 / 2 / 13	1.5	2	13		104	91	78	65	52	39	26
TRH - 104 / 3 / 20	2.2	3	20		160	140	120	100	80	60	40
TRH - 104 / 5 / 30	3.7	5	30		240	210	180	150	120	90	60

RADIAL FLOW

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						
	kW	HP			0	48	71	91	107	122	136
TRH - 105 / 1 / 6	0.75	1	6		48	42	36	30	24	18	12
TRH - 105 / 1.5 / 9	1.1	1.5	9		72	63	54	45	36	27	18
TRH - 105 / 2 / 12	1.5	2	12		96	84	72	60	48	36	24
TRH - 105 / 3 / 18	2.2	3	18		144	126	108	90	72	54	36
TRH - 105 / 5 / 28	3.7	5	28		224	196	168	140	112	84	56
TRH - 105 / 7.5 / 42	5.5	7.5	42		336	294	252	210	168	126	84

RADIAL FLOW

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						
	kW	HP			0	62	86	106	122	137	152
TRH - 107 / 1 / 5	0.75	1	5		40	35	30	25	20	15	10
TRH - 107 / 1.5 / 7	1.1	1.5	7		56	49	42	35	28	21	14
TRH - 107 / 2 / 10	1.5	2	10		80	70	60	50	40	30	20
TRH - 107 / 3 / 15	2.2	3	15		120	105	90	75	60	45	30
TRH - 107 / 5 / 22	3.7	5	22		176	154	132	110	88	66	44
TRH - 107 / 7.5 / 35	5.5	7.5	35		280	245	210	175	140	105	70

RADIAL FLOW

OUTLET SIZE - 40 mm (1 1/2")

Single phase motors available upto 3.7 kW (5 HP).

Performance Chart

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage – Single Phase 220 Volts,
Three Phase 415 Volts, 50 Hz, A.C. Supply.
Maximum Outer Diameter : 98 mm

SPECIAL CONSTRUCTION – C.I. Bowl

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						MIXED FLOW
	kW	HP			0	170	230	270	330	370	
TM - 118 / 2 / 6 / H	1.5	2	6		35	27	26	21	17	11	6
TM - 118 / 3 / 8 / H	2.2	3	8		46	36	34	28	22	15	8
TM - 118 / 3 / 9 / H	2.2	3	9		52	41	38	32	25	17	9
TM - 118 / 5 / 14 / H	3.7	5	14		81	63	60	49	39	26	14

OUTLET SIZE – 50 mm (2")

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2850 RPM, At Rated Voltage
Single Phase 220 Volts, 50 Hz, A.C. Supply.
Maximum Outer Diameter : 98 mm

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						RADIAL FLOW
	kW	HP			0	8	15	21	28	34	
TR - 301 / 1 / 18	0.75	1	18		95	90	79	70	54	36	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM						RADIAL FLOW
	kW	HP			0	17	26	33	43	51	
TR - 302 / 1 / 13	0.75	1	13		73	69	66	60	49	34	
TR - 302 / 1.5 / 19	1.1	1.5	19		106	100	97	87	72	49	
TR - 302 / 2 / 27	1.5	2	27		150	143	137	124	102	70	

OUTLET SIZE – 40 mm (1 1/2")

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2850 RPM, At Rated Voltage
 Single Phase 220 Volts, 50 Hz, A.C. Supply.
 Maximum Outer Diameter : 98 mm

Performance Chart

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							RADIAL FLOW
	kW	HP			0	30	45	50	60	70	85	
TR - 304 / 1 / 10	0.75	1	10		60	54	51	48	44	40	34	
TR - 304 / 1.5 / 14	1.1	1.5	14		84	75	71	67	62	56	47	
TR - 304 / 2 / 20	1.5	2	20		120	108	102	96	88	80	68	
TR - 304 / 3 / 25	2.2	3	25		150	135	128	121	111	100	85	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							RADIAL FLOW
	kW	HP			0	35	50	70	85	100	120	
TR - 305 / 1.5 / 10	1.1	1.5	10		63	60	57	52	46	37	25	
TR - 305 / 2 / 13	1.5	2	13		82	78	74	67	59	48	33	
TR - 305 / 3 / 19	2.2	3	19		119	114	108	98	87	70	48	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							RADIAL FLOW
	kW	HP			0	45	65	85	105	130	150	
TR - 307 / 2 / 10	1.5	2	10		67	65	63	59	52	40	27	
TR - 307 / 3 / 15	2.2	3	15		101	98	94	88	78	60	40	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM							MIXED FLOW
	kW	HP			0	130	170	210	255	300	340	
TM - 318 / 2 / 6	1.5	2	6		33	27	26	21	17	11	6	
TM - 318 / 3 / 8	2.2	3	8		44	36	34	28	22	15	8	

OUTLET SIZE - 40 mm (1 1/2")

OUTLET SIZE - 50 mm (2")

Performance Chart

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage
 Single Phase 220 Volts, 50 Hz, A.C. Supply.
 Maximum Outer Diameter : 98 mm



Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	24	36	48	60	
TRS - 102 - A - 12	0.75	1	12		66	62	56	50	42	
TRS - 102 - A - 19	1.1	1.5	19		105	98	89	80	66	
TRS - 102 - A - 25	1.5	2	25		138	130	118	106	88	
TRS - 102 - A - 33	2.2	3	33		182	171	155	140	116	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	35	48	55	65	
TRS - 102 - 9	0.75	1	9		52	40	36	32	27	
TRS - 102 - 10	0.75	1	10		58	44	40	36	30	
TRS - 102 - 11	0.75	1	11		64	49	44	40	33	
TRS - 102 - 12	0.75	1	12		70	53	48	43	36	
TRS - 102 - 19	1.1	1.5	19		110	80	72	65	54	
TRS - 102 - 25	1.5	2	25		145	109	99	89	74	
TRS - 102 - 26	2.2	3	26		151	115	104	94	78	
TRS - 102 - 27	2.2	3	27		157	119	108	97	81	
TRS - 102 - 28	2.2	3	28		162	124	112	101	84	
TRS - 102 - 29	2.2	3	29		168	128	116	104	87	
TRS - 102 - 30	2.2	3	30		174	132	120	108	90	
TRS - 102 - 31	2.2	3	31		180	137	124	112	93	
TRS - 102 - 32	2.2	3	32		186	141	128	115	96	
TRS - 102 - 33	2.2	3	33		191	146	132	119	99	

OUTLET SIZE - 40 mm (1 1/2")

All the above pumpsets are ISI marked.



100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage
 Single Phase 220 Volts, 50 Hz, A.C. Supply.
 Maximum Outer Diameter : 98 mm

Performance Chart

Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	57	69	78	90	
TRS - 104 - 9	0.75	1	9		52	42	38	34	28	
TRS - 104 - 14	1.1	1.5	14		81	64	58	52	43	
TRS - 104 - 18	1.5	2	18		104	84	76	68	57	
TRS - 104 - 25	2.2	3	25		145	117	106	95	79	
TRS - 104 - 33	3	4	33		191	154	140	126	105	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	68	78	90	100	
TRS - 104 - A - 7	0.75	1	7		42	31	28	25	21	
TRS - 104 - A - 8	0.75	1	8		48	36	32	29	24	
TRS - 104 - A - 9	0.75	1	9		54	40	36	32	27	
TRS - 104 - A - 14	1.1	1.5	14		84	60	54	49	40	
TRS - 104 - A - 15	1.5	2	15		90	66	60	54	45	
TRS - 104 - A - 16	1.5	2	16		96	71	64	58	48	
TRS - 104 - A - 17	1.5	2	17		102	75	68	61	51	
TRS - 104 - A - 18	1.5	2	18		108	80	72	65	54	
TRS - 104 - A - 19	2.2	3	19		114	84	76	68	57	
TRS - 104 - A - 20	2.2	3	20		120	88	80	72	60	
TRS - 104 - A - 21	2.2	3	21		126	93	84	76	63	
TRS - 104 - A - 22	2.2	3	22		132	97	88	79	66	
TRS - 104 - A - 23	2.2	3	23		138	102	92	83	69	
TRS - 104 - A - 24	2.2	3	24		144	106	96	86	72	
TRS - 104 - A - 25	2.2	3	25		150	110	100	90	75	
TRS - 104 - A - 26	3	4	26		156	115	104	94	78	
TRS - 104 - A - 27	3	4	27		162	119	108	97	81	
TRS - 104 - A - 28	3	4	28	168	124	112	101	84		

OUTLET SIZE - 40 mm (1 1/2")

All the above pumpsets are ISI marked.

Performance Chart

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage
Single Phase 220 Volts, 50 Hz, A.C. Supply.
Maximum Outer Diameter : 98 mm



Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	68	78	90	100	
TRS - 104 - A - 29	3	4	29		174	128	116	104	87	
TRS - 104 - A - 30	3	4	30		180	132	120	108	90	
TRS - 104 - A - 31	3	4	31		186	137	124	112	93	
TRS - 104 - A - 32	3	4	32		192	141	128	115	96	
TRS - 104 - A - 33	3	4	33		198	146	132	119	99	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	75	99	107	115	
TRS - 105 - 8	1.1	1.5	8		50	36	32	29	24	
TRS - 105 - 9	1.1	1.5	9		56	40	36	32	27	
TRS - 105 - 10	1.1	1.5	10		62	44	40	36	30	
TRS - 105 - 13	1.5	2	13		81	60	54	49	40	
TRS - 105 - 18	2.2	3	18		112	83	75	68	56	
TRS - 105 - 24	3	4	24		150	109	99	89	74	
TRS - 105 - 30	3.7	5	30		188	138	125	113	93	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	95	120	130	155	
TRS - 107 - 8	1.5	2	8		54	40	36	32	27	
TRS - 107 - 10	1.5	2	10		67	50	45	41	33	
TRS - 107 - 12	2.2	3	12		80	60	54	49	40	
TRS - 107 - 14	2.2	3	14		94	70	63	57	47	
TRS - 107 - 19	3	4	19		127	95	86	77	64	
TRS - 107 - 20	3.7	5	20		134	99	90	81	67	
TRS - 107 - 22	3.7	5	22		147	109	99	89	74	
TRS - 107 - 24	3.7	5	24		161	119	108	97	81	

OUTLET SIZE - 40 mm (1 1/2")

All the above pumpsets are ISI marked.



100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage

Three Phase 415 Volts, 50 Hz, A.C. Supply.

Maximum Outer Diameter : 98 mm

Performance Chart

Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	30	50	70	90	
TR - 104 - 8	0.75	1	8	Head In Meters	46	33	30	27	22	RADIAL FLOW
TR - 104 - 10	0.75	1	10		58	41	37	33	27	
TR - 104 - 11	0.75	1	11		64	45	41	37	30	
TR - 104 - 14	1.1	1.5	14		81	58	52	47	39	
TR - 104 - 16	1.1	1.5	16		93	66	60	54	45	
TR - 104 - 19	1.5	2	19		110	78	71	64	53	
TR - 104 - 20	1.5	2	20		116	83	75	68	56	
TR - 104 - 22	1.5	2	22		128	91	82	74	61	
TR - 104 - 24	2.2	3	24		139	99	90	81	67	
TR - 104 - 27	2.2	3	27		157	111	101	91	75	
TR - 104 - 30	2.2	3	30		174	124	112	101	84	

Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW
	kW	HP			0	70	90	100	120	
TR - 105 - 7	0.75	1	7	Head In Meters	43	32	29	26	21	RADIAL FLOW
TR - 105 - 10	1.1	1.5	10		62	47	42	38	31	
TR - 105 - 12	1.5	2	12		74	57	51	46	38	
TR - 105 - 13	1.5	2	13		81	61	55	50	41	
TR - 105 - 14	1.5	2	14		87	65	59	53	44	
TR - 105 - 17	2.2	3	17		105	80	72	65	54	
TR - 105 - 18	2.2	3	18		112	84	76	68	57	
TR - 105 - 19	2.2	3	19		118	88	80	72	60	
TR - 105 - 21	3	4	21		130	98	89	80	66	
TR - 105 - 24	3	4	24		149	113	102	92	76	

OUTLET SIZE - 40 mm (1 1/2")

All the above pumpsets are ISI marked.

Performance Chart

100 mm (4") BOREWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage
 Three Phase 415 Volts, 50 Hz, A.C. Supply.
 Maximum Outer Diameter : 98 mm



Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW	OUTLET SIZE - 50 mm (2")
	kW	HP			0	90	105	115	130		
TR - 107 - 7	1.1	1.5	7		48	32	29	26	21		
TR - 107 - 9	1.5	2	9		61	46	41	37	30		
TR - 107 - 10	1.5	2	10		68	52	47	42	35		
TR - 107 - 11	1.5	2	11		75	58	52	47	39		
TR - 107 - 13	2.2	3	13		88	68	61	55	45		
TR - 107 - 15	2.2	3	15		102	79	71	64	53		
TR - 107 - 16	3	4	16		109	84	76	68	57		
TR - 107 - 17	3	4	17		116	88	80	72	60		
TR - 107 - 19	3	4	19		129	99	90	81	67		
TR - 107 - 21	3.7	5	21		143	109	99	89	74		
TR - 107 - 24	3.7	5	24		163	126	114	103	85		

Model	Power Rating		Stage	Head In Meters	Discharge In LPM					RADIAL FLOW	OUTLET SIZE - 50 mm (2")
	kW	HP			0	95	120	135	175		
TR - 110 - 7	1.5	2	7		42	32	29	26	21		
TR - 110 - 8	1.5	2	8		48	38	34	31	25		
TR - 110 - 10	2.2	3	10		60	46	41	37	30		
TR - 110 - 12	2.2	3	12		72	57	51	46	38		
TR - 110 - 13	2.2	3	13		78	61	55	50	41		
TR - 110 - 14	3	4	14		84	65	59	53	44		
TR - 110 - 17	3	4	17		102	80	72	65	54		
TR - 110 - 18	3	4	18		108	84	76	68	57		
TR - 110 - 19	3.7	5	19		114	88	80	72	60		
TR - 110 - 21	3.7	5	21		126	98	89	80	66		

All the above pumpsets are ISI marked.

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