Pumping happiness across the Globe

Tormac PUMPS

THE TORMAC STABLE OF THROUGH BREDS

THE TRUSTED CHOICE FOR PRESSURE BOOSTING.

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MULTISTAGE CENTRIFUGAL PUMPS - **50 Hz**

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HORIZONTAL
MULTISTAGE CENTRIFUGAL PUMPS
50 Hz

TH SERIES

TH series pumps are single or multistage end suction and top discharge type supplied with radial flow impeller for higher head and flow requirement. These pumps are of centrifugal monoblock type equipped with totally enclosed single phase or three phase standard or premium efficiency motors for continuous duty. In addition to the standard design, the pumps are available in fully stainless steel construction for hygiene applications. All single phase pumps are thermally protected.

Applications

- Utility water supply in residences and commercial buildings
- Pressure Boosting system
- RO System
- High pressure application in industries
- Jockey application in firefighting system
- Industrial washing and cleaning system
- Landscaping and gardening

Design Features

- High efficiency
- Wide hydraulic ranges
- Stainless steel wetted parts
- Thermal protection in single phase motor
- Optional premium efficiency motors in three phase design

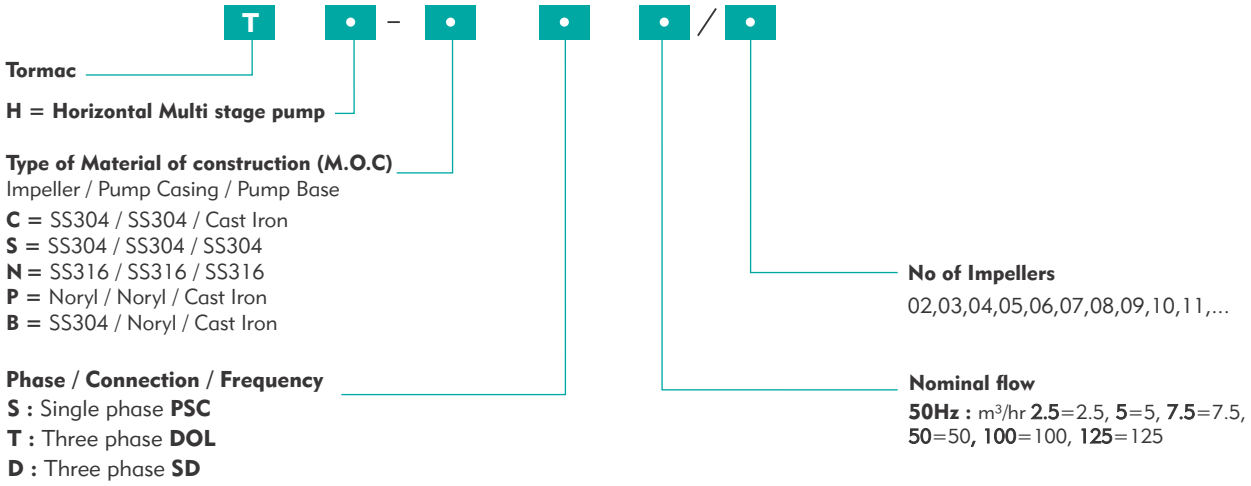
Performance Curve Conditions

a	Curve tolerance are according to ISO 9906, Grade 2B.
b	The performance are taken at rated voltage & speed that are only indicative.
c	Actual discharge depends on availability of water in well / tank, height of water column from the suction pipe.
d	Pipe fiction losses have not been included in the performance curves & performance tables.

e	The measurements were made with airless water at 20°C. When pumping liquids with a density higher than of water, motor with correspondingly higher output must be used.
f	The performance are taken at rated voltage & speed that are only indicative.
h	The bold curves indicate the recommended performance range.

The company reserves the right to modify the technical specification and illustrations without prior notice.

Model Classification



Operating Data - Pump

Flow	Upto 14m³/h
Head	Upto 60m
Power Range	0.37 - 3kW
Speed	2900rpm
Inlet size	25 - 40mm
Outlet size	25 - 40mm
Liquid Temperature	-10°C to 70°C
Shaft seal	Mechanical seal
Impeller Type	Enclosed Radial Flow
Maximum Working Pressure	Upto 6bar

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Technical Data - Motors

Power Range(kW)	0.37 - 2.2kW - Single Phase
	0.37 - 3kW - Three Phase
Voltage / Frequency	Single phase - 220-230V, 50Hz, A.C. Supply
	Three phase - 380-415V, 50Hz A.C. supply
Connection	Single phase, CSR - 0.37 - 1.1kW
	CSCR - 1.5 & 2.2kW
	Three Phase - DOL
Speed	2900 rpm
Duty	S1 Continuous
Degree of Protection	IP 55
Class of Insulation	F
IEC Efficiency Class - (Three Phase)	IE1 - Standard
	IE2 - Optional
Maximum Ambient Temp.	40°C

Material Specifications

Part Name	THC	THS	THN
Impeller	SS304	SS304	SS316
Diffuser	SS304	SS304	SS316
Bracket	Cast Iron	SS304	SS316
Motor Frame	Aluminium	Aluminium	Aluminium
Shaft	SS431	SS431	SS329
Shaft Seal & Face Combination	Mechanical seal - (Silicon Carbide Vs Carbon / EPDM)	Mechanical seal - (Silicon Carbide Vs Carbon / EPDM)	Mechanical seal - (Silicon Carbide Vs Carbon / EPDM)
Base Plate	Mild Steel	Mild Steel	Mild Steel

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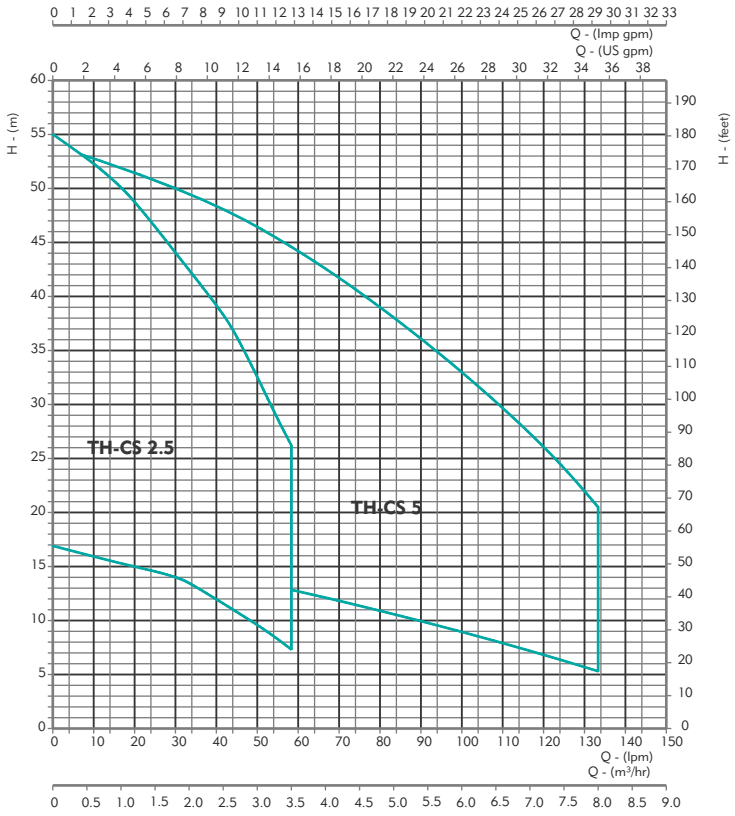
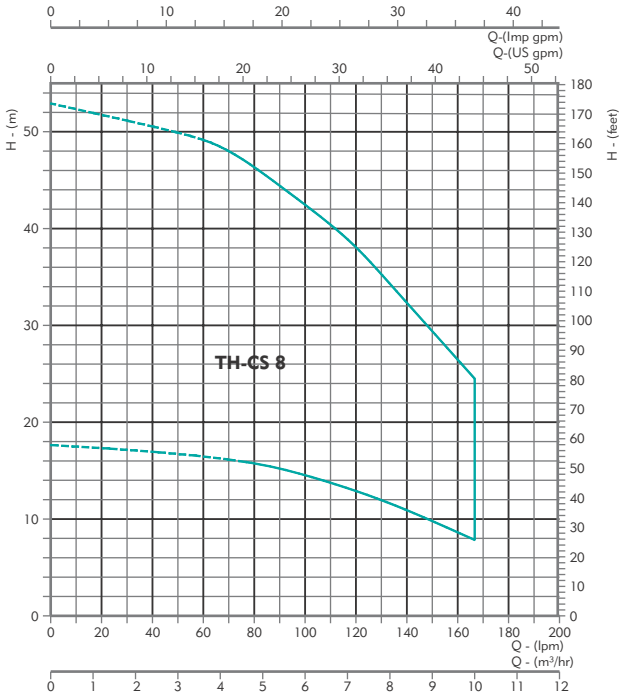
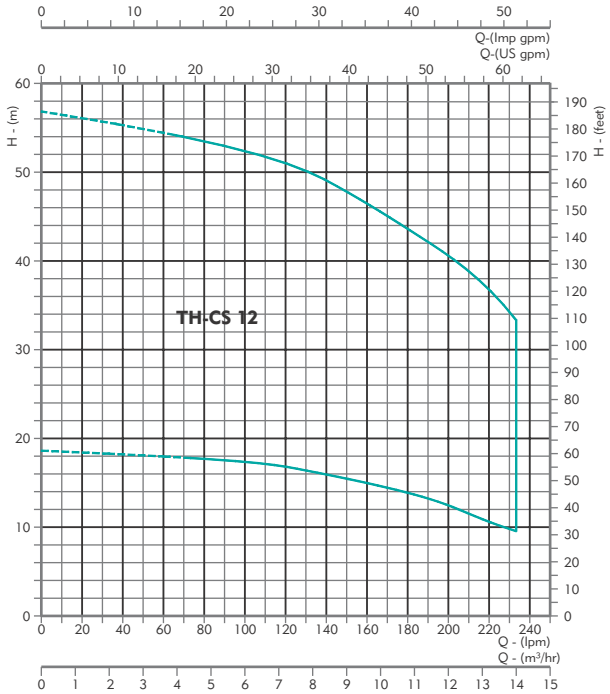
GROUP PERFORMANCE CURVES







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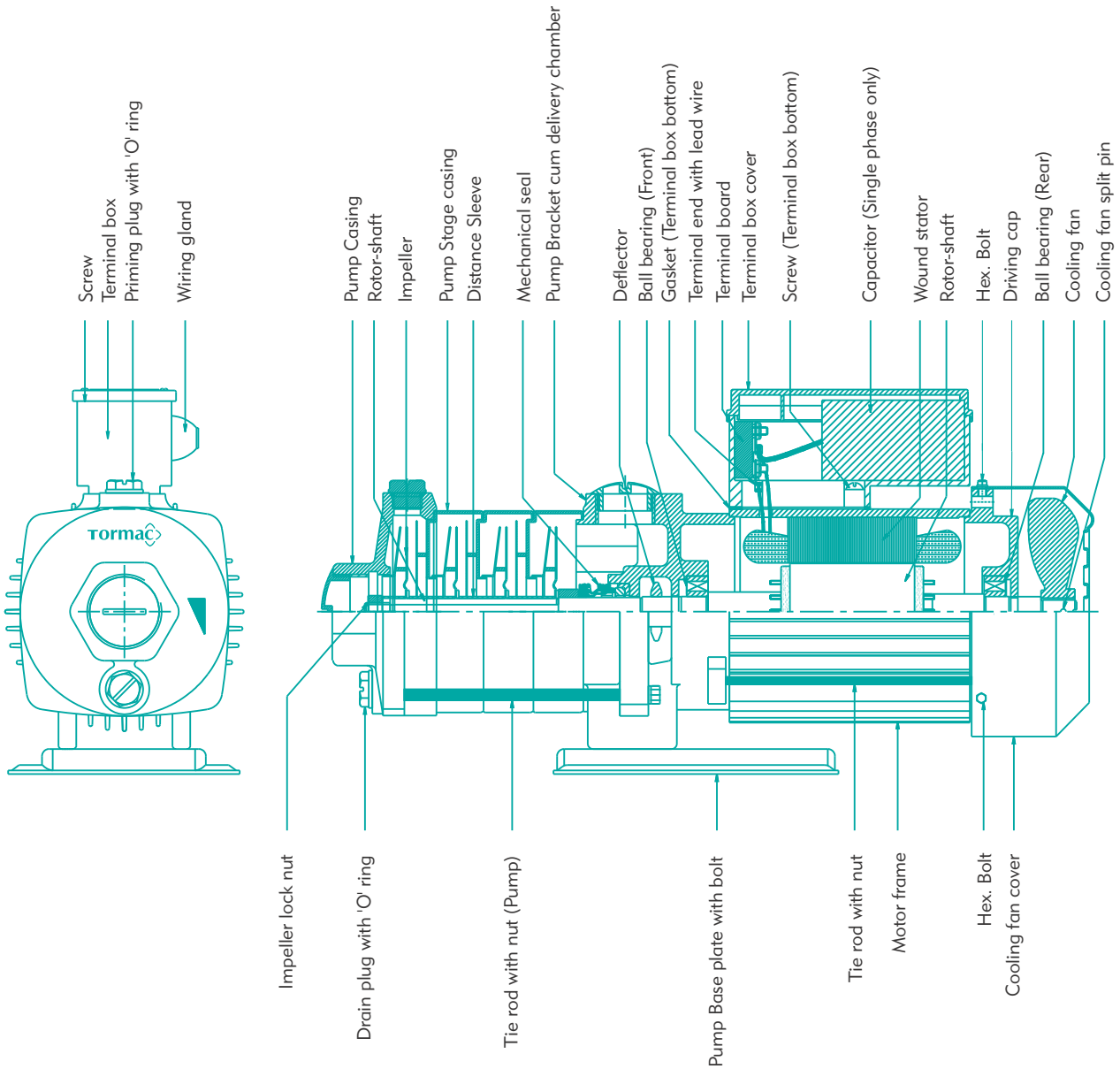
CONSTRUCTIONAL DATA



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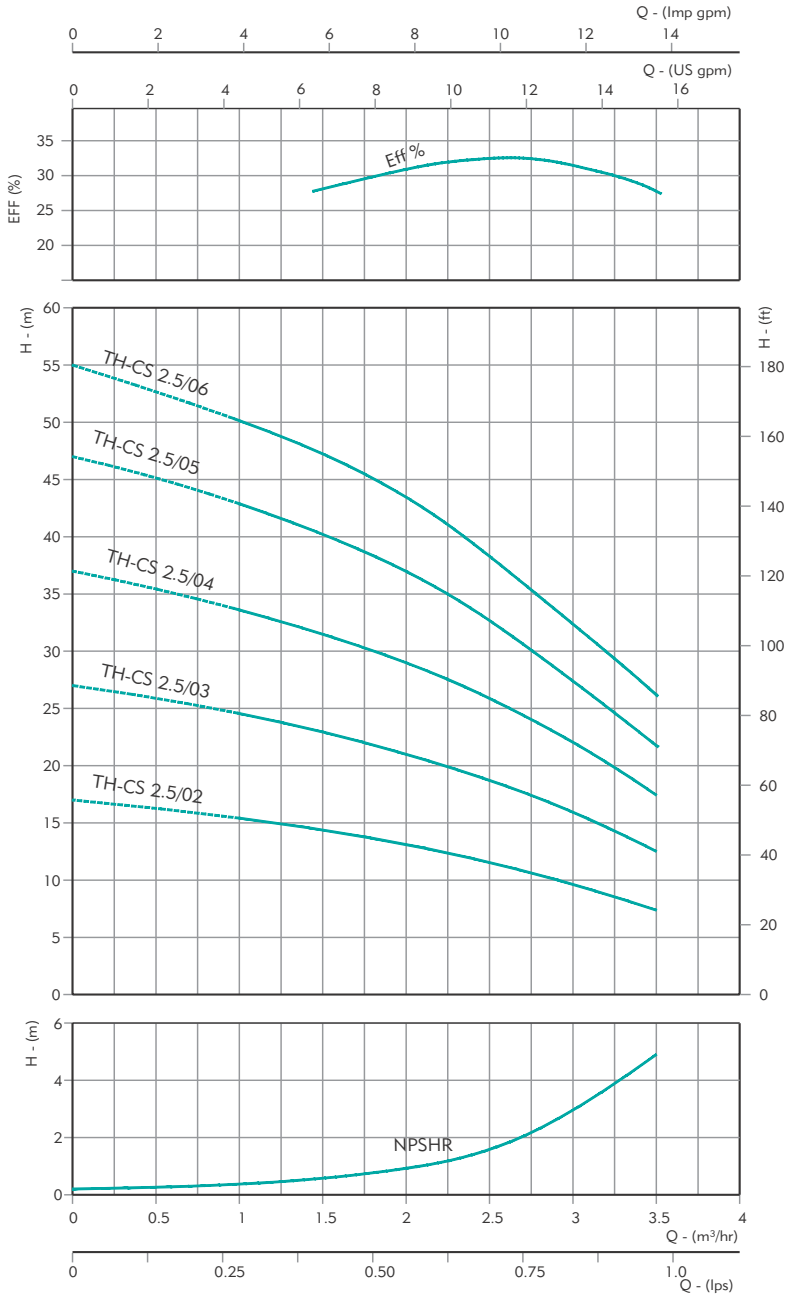
PERFORMANCE CURVES & DATA



Pipe Size : **1" x 1"** Nominal Flow : **2.5m³/hr** **2900 rpm**

Power		Model*	l/s	0	0.27	0.41	0.55	0.69	0.83	0.97
kW	HP		m³/hr	0	1	1.5	2	2.5	3	3.5
0.37	0.50	TH-CS 2.5/02	Head in meters	17	16	14	13	12	9	7.5
0.37	0.50	TH-CS 2.5/03		27	24	23	21	18.5	16	12.5
0.55	0.75	TH-CS 2.5/04		37	33	32	29	26	22	17.5
0.55	0.75	TH-CS 2.5/05		47	43	40	37	33	27.5	22
0.75	1.00	TH-CS 2.5/06		55	50	47.5	43.5	38.5	32.5	26.5

* The 4th digit of the model identification "S" denotes 1 Phase & which will be replaced with "T" in case of 3 Phase D.O.L motors.

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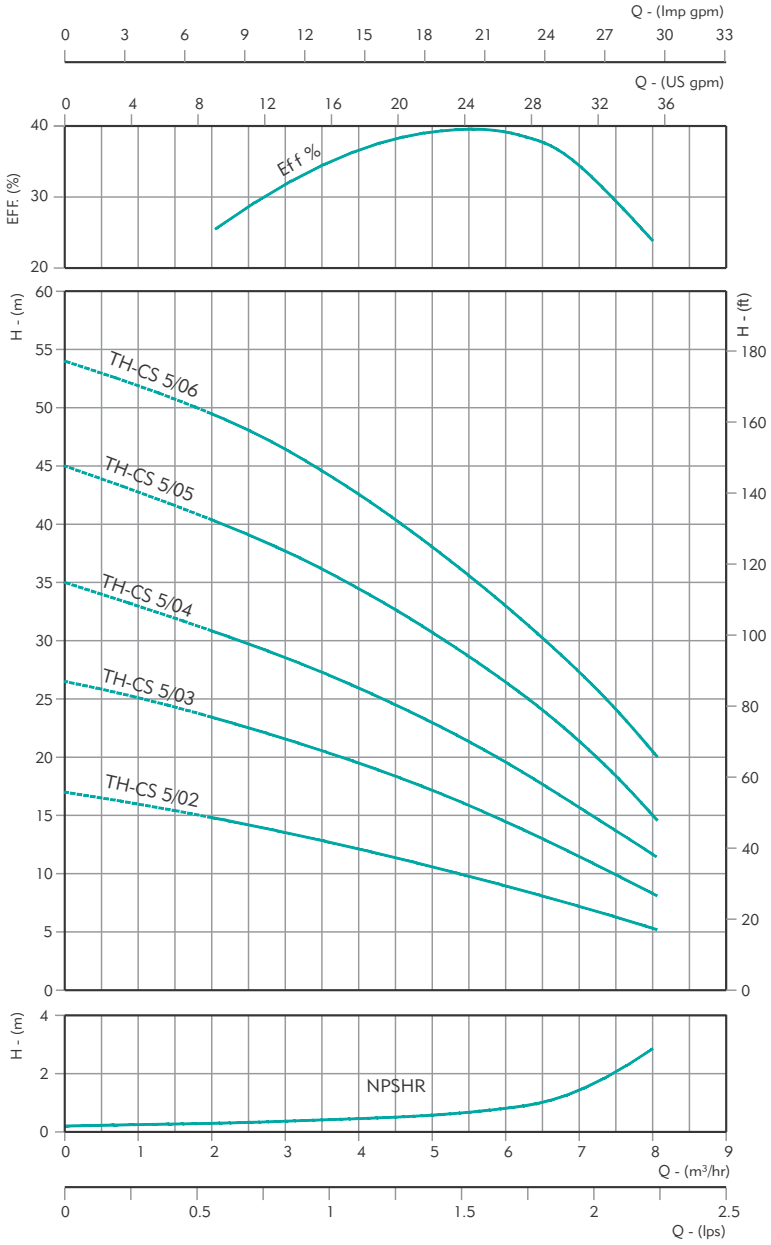
PERFORMANCE CURVES & DATA



Pipe Size : **1¼" x 1"** Nominal Flow : **5m³/hr** **2900 rpm**

Power		Model*	l/s	0	0.55	0.83	1.11	1.38	1.66	1.94	2.22
kW	HP		m³/hr	0	2	3	4	5	6	7	8
0.37	0.50	TH-CS 5/02	Head in meters	17	15	13.5	12.5	11	8	7	5
0.55	0.75	TH-CS 5/03		26.5	23	22	19.5	17	13	12	8
0.75	1.00	TH-CS 5/04		35	31	28.5	26	23	18	16	12
1.10	1.50	TH-CS 5/05		45	40	38	34	31	24	22	15
1.10	1.50	TH-CS 5/06		54	49.5	47	43	38	30	22	20

* The 4th digit of the model identification "S" denotes 1 Phase & which will be replaced with "T" in case of 3 Phase D.O.L motors..
* Mention pipe size while placing order.

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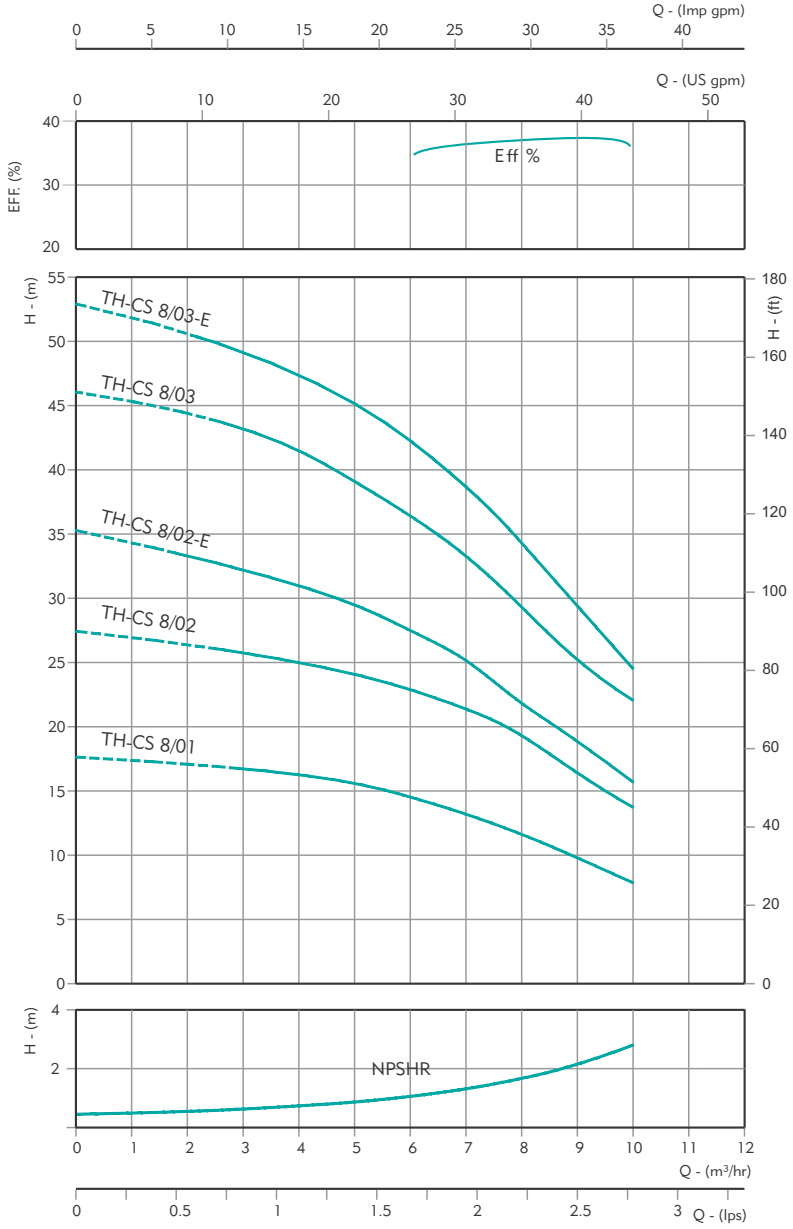
PERFORMANCE CURVES & DATA



Pipe Size : **1½" x 1¼"** Nominal Flow : **8m³/hr** **2900 rpm**

Power		Model*	l/s	0	0.83	1.11	1.38	1.66	1.94	2.22	2.5	2.77
kW	HP		m³/hr	0	3	4	5	6	7	8	9	10
0.55	0.75	TH-CS 8/01	Head in meters	17.5	17	16.5	16	14	13	12	10	8
1.10	1.50	TH-CS 8/02		27.5	26	26	24	23	22	19	17	13.5
1.10	1.50	TH-CS 8/02-E		35	32	31	29	27.5	25	22	18.5	16
1.50	2.00	TH-CS 8/03		46	43	42	39	37	33	29	25	22.5
1.50	2.00	TH-CS 8/03-E		53	49	47.5	45	42.5	38.5	34	29	24.5

* E - Denotes elevated head model.

* The 4th digit of the model identification "S" denotes 1 Phase & which will be replaced with "T" in case of 3 Phase D.O.L motors.

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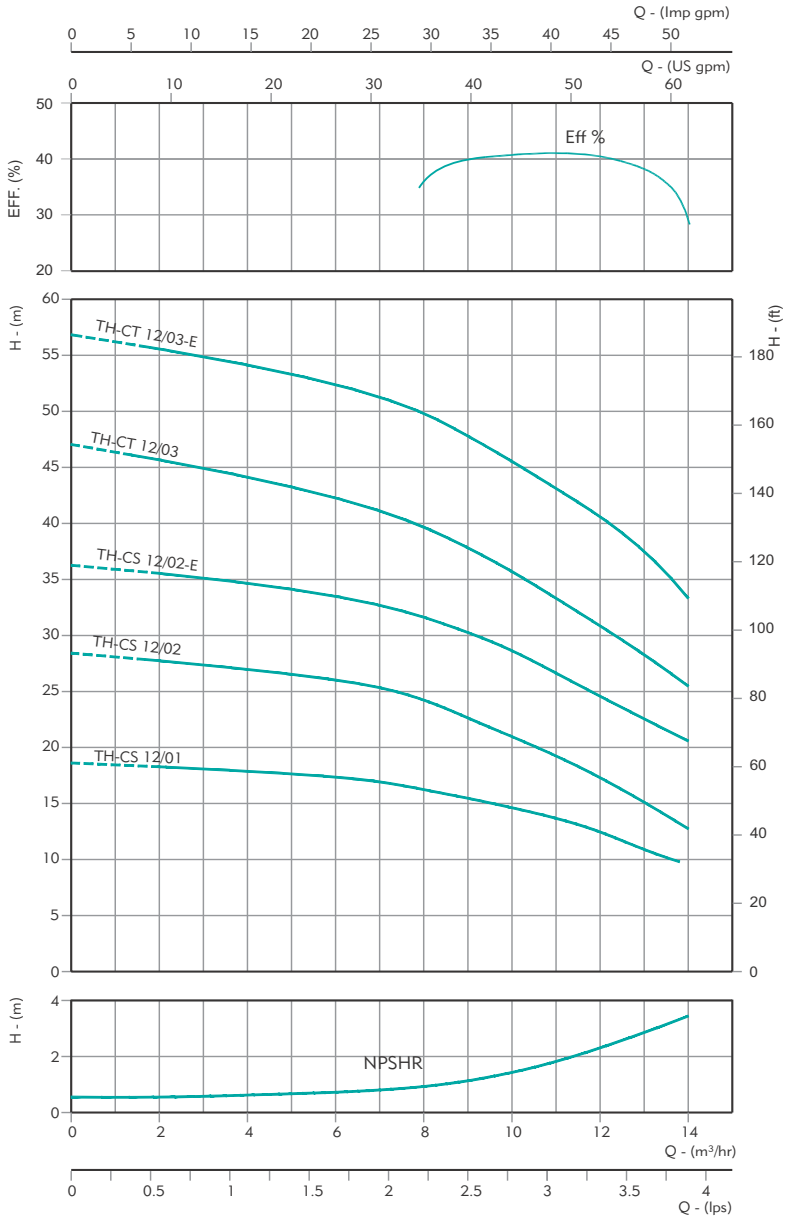
PERFORMANCE CURVES & DATA



Pipe Size : **1½" x 1½"** Nominal Flow : **12m³/hr** **2900 rpm**

Power		Model*	l/s	0	0.55	1.11	1.66	2.22	2.77	3.38	3.88
kW	HP		m³/hr	0	2	4	6	8	10	12	14
1.10	1.50	TH-CS 12/01	Head in meters	18.5	18.2	18	17.5	16.5	14.5	12.5	10 (13.8)
1.10	1.50	TH-CS 12/02		28.5	17.5	27	26	24	21	17.5	13
2.20	3.00	TH-CS 12/02-E		36	35.5	34.5	33.5	32	28.5	24.5	21
3.00	4.00	TH-CT 12/03		47	46	44	42.5	44.5	36	31	26
3.00	4.00	TH-CT 12/03-E		57	56	54	52.5	50	46	41	33.5

* E - Denotes elevated head model.

* The 4th digit of the model identification "S" denotes 1 Phase & which will be replaced with "T" in case of 3 Phase D.O.L motors..

* Mention pipe size while placing order.

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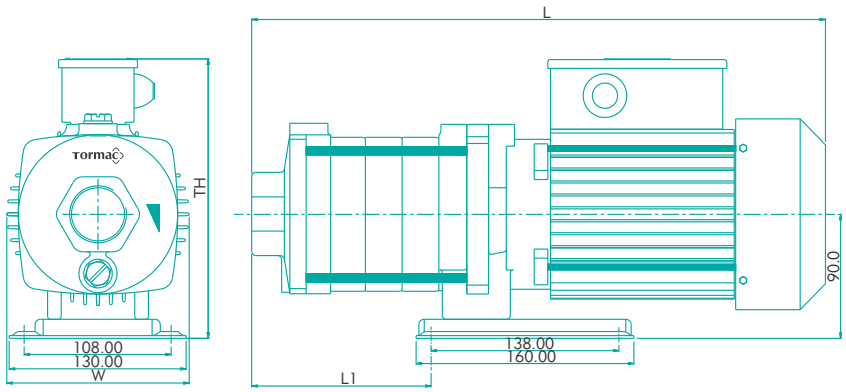
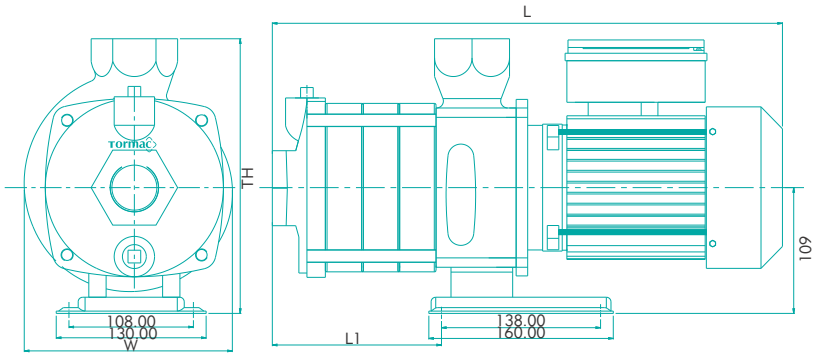
DIMENSION DRAWINGS & DATA



Power		Model	L*	L1*	W*	TH*	Weight (kg)
kW	HP						
0.37	0.50	TH-CS 2.5/02	320	73	134	212	12.25
0.37	0.50	TH-CS 2.5/03	344	92	134	212	13.25
0.55	0.75	TH-CS 2.5/04	383	110	134	212	14.25
0.55	0.75	TH-CS 2.5/05	407	130	134	212	15.25
0.75	1.00	TH-CS 2.5/06	426	150	134	212	16.25

Power		Model	L*	L1*	W*	TH*	Weight (kg)
kW	HP						
0.37	0.50	TH-CS 5/02	333	81	134	212	12.75
0.55	0.75	TH-CS 5/03	380	108	134	212	14.25
0.75	1.00	TH-CS 5/04	422	135	134	215	15.75
1.10	1.50	TH-CS 5/05	500	162	134	215	18.50
1.10	1.50	TH-CS 5/06	521	190	134	215	20.25



Power		Model	L*	L1*	W*	TH*	Weight (kg)
kW	HP						
0.55	0.75	TH-CS 8/01	342	50	181	238	16.0
1.10	1.50	TH-CS 8/02	404	82	181	238	20.0
1.10	1.50	TH-CS 8/02-E	404	82	181	238	20.5
1.50	2.00	TH-CS 8/03	473	114	181	238	25.0
1.50	2.00	TH-CS 8/03-E	467	114	181	238	28.5

Power		Model	L*	L1*	W*	TH*	Weight (kg)
kW	HP						
1.10	1.50	TH-CS 12/01	352	50	181	238	18.0
1.10	1.50	TH-CS 12/02	419	82	181	238	20.5
2.20	3.00	TH-CS 12/02-E	435	82	181	238	28.5
3.00	4.00	TH-CT 12/03	482	114	181	238	30.5
3.00	4.00	TH-CT 12/03-E	502	114	181	238	34.0

* All dimensions are in mm.

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VERTICAL
MULTISTAGE CENTRIFUGAL PUMPS
50 Hz

TV SERIES

Multistage vertical inline pumps are single or multistage type supplied with radial or mixed flow impeller for higher head and flow requirement. These pumps are available in different materials of construction and all wetted parts are made of corrosion resistant stainless-steel material. A preassembled cartridge mechanical seal is used for easy maintenance without disassembling the pump. The inline design simplifies pipework and offers great savings in floor space compared to horizontal pumps. These pumps are ideally suitable for high pressure and constant pressure applications. Inline pumps are offered as pump end or pumpset with single phase motors upto 2.2kW and three phase premium efficiency motors for entire range of pumps.

Applications

- Utility water supply in industries and buildings
- Pressure Boosting system
- RO System
- High pressure application in industries
- Boiler feed application
- Jockey application in firefighting system
- Industrial washing and cleaning system
- Hot water transfer and circulation
- Agriculture

Design Features

- High efficiency
- Wide hydraulic ranges
- Stainless steel wetted parts
- Space saving compact design
- Thermal protection in single phase motor
- Pump with DIN flanges

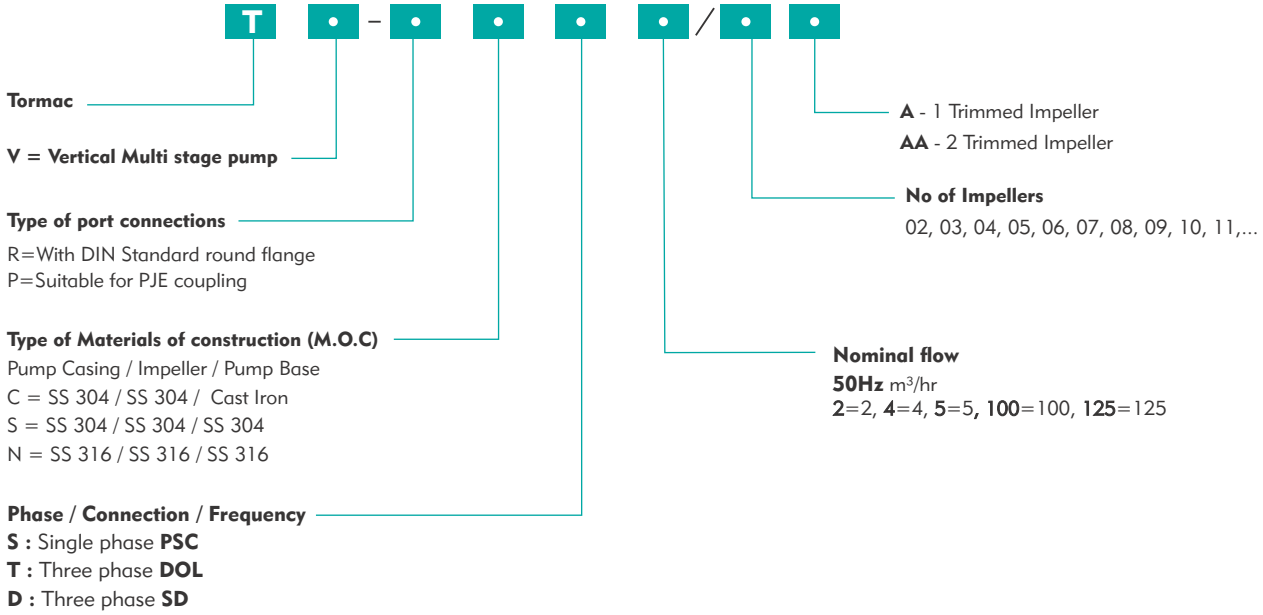
The company reserves the right to modify the technical specification and illustrations without prior notice.

Performance Curve Conditions

a	The Performance curve shows the pump performance at rated Voltage & speed.
b	The measurements were made with airless water at 20°C and specific gravity of 1.
c	A pumped fluid with a density higher than that of water requires a motor with a correspondingly higher output.
d	Pipe friction losses have not been included in the performance curves and performance tables.
e	The bold curve indicates the recommended operating range.

f	Q/H : The curves are inclusive of check valve and suction Inter-connector losses.
g	Efficiency curve : "EFF%" shows pump stage efficiency.
h	Performance curve tolerances are as per ISO : 9906, Grade-3B / HI 14.6, Grade - 3B.
i	Available type of materials of construction TVC (Cast Iron Base / Pump Head), TVS (AIS 304) & TVN (AISI 316).
j	Actual performance will vary depending on the water column in the sump, head and voltage.

Model Classification :



Pumped Liquids

pH	6.5 to 8.5
Turbidity	50 ppm silica scale (max.)
Viscosity	$1.75 \times 10^{6} m^2/sec$ (max.)
Hardness (Drinking Water)	300 (max.)
Specific gravity	1.004 (max.)
Allowable solids	3000 ppm (max.)
Chlorine ion density	500 ppm (max.)
Permissible amount of sand	25 g/m^3 (max.)

The company reserves the right to modify the technical specification and illustrations without prior notice.

Technical Data - Pumps

Suction Lift	Upto 6m / 21 ft
Flow	Upto 200m³/h
Head	Upto 320m
Power Range	0.37 - 110kW
Speed	2900rpm
Inlet size	25 - 150mm
Outlet size	25 - 150mm
Liquid Temperature	Standard: -10°C to 90°C Optional: -10°C to 120°C
Shaft seal	Default Mechanical seal, Face Combination Silicon CarbideVs Silicon Carbide/FKM (1to 5m³/h) Silicon Carbide Vs Silicon Carbide/FKM (10 to 20 m³/hr-upto 10stage) Tungsten Carbide Vs Carbon/FKM (10 to 20 m³/hr-Above 11stage) Tungsten Carbide Vs Carbon /FKM (32 to 200m³/h)
Maximum Working Pressure	Upto 32 bar
Flange Standard	DIN 2501
Inlet & outlet size	1" x 1", 1¼" x 1¼", 1½" x 1½", 2" x 2", 2½" x 2½", 3" x 3" & 4" x 4"

Technical Data - Motors

Power Range (kW)	Single Phase : 0.37 - 2.2kW, 220-230V, 50Hz, A.C. Supply Three Phase : 0.37kW - 110kW, 380-415V, 50Hz A.C. supply
Speed	2900 rpm
Duty	S1 Continuous
Degree of Protection	IP 55
Class of Insulation	F
Electrical Connection	Single Phase – CSCR Three Phase – DOL / SD
IEC efficiency class - Three Phase	IE2 – Standard (IE3 – Optional)
Maximum Ambient Temperature	40°C

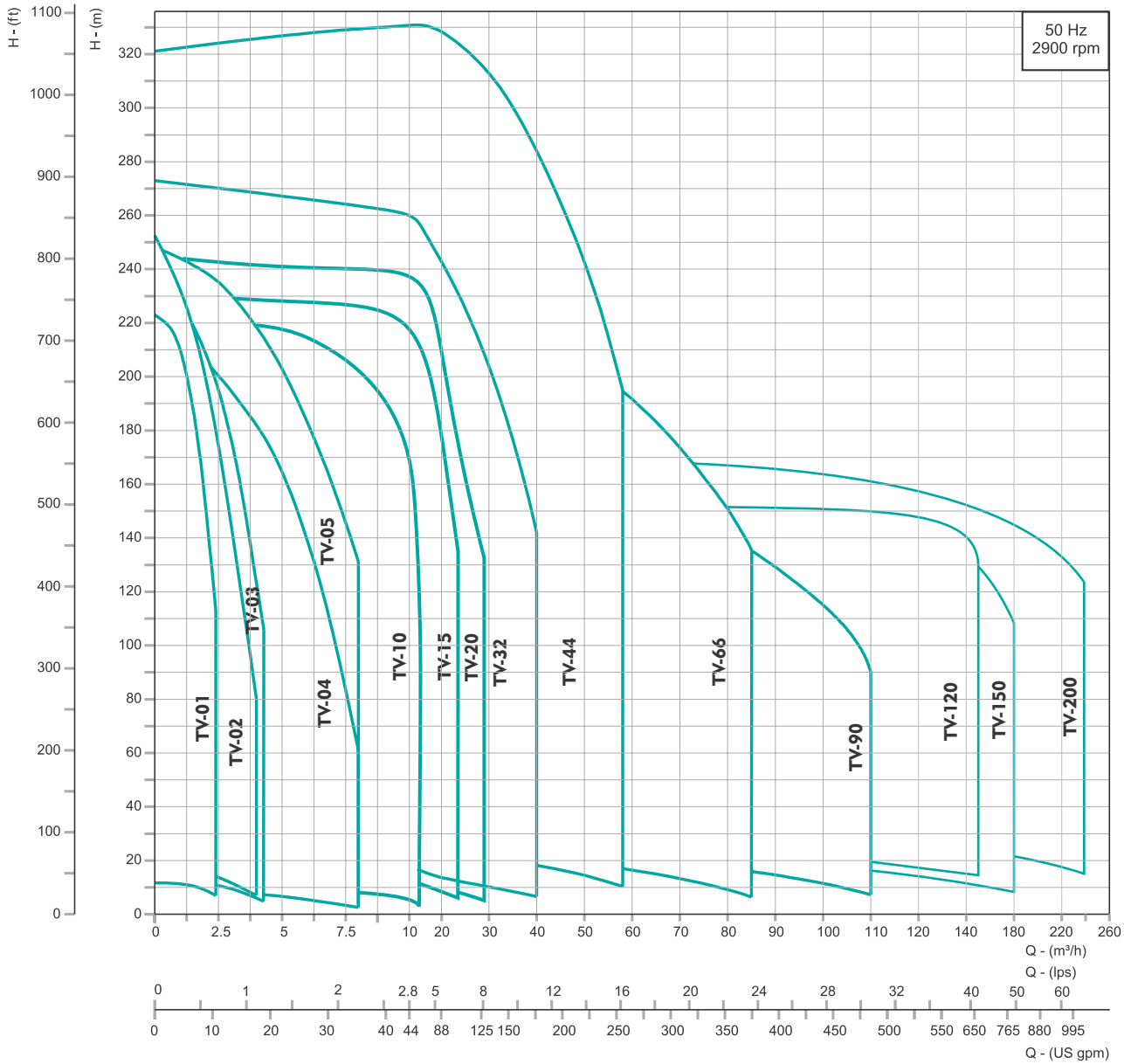
Materials Specification

Parts Name	Type - C		Type - S		Type - N	
	Materials	AISI/ASTM	Materials	AISI/ASTM	Materials	AISI/ASTM
Pump Bracket	C.I	ASTM 25B	C.I	ASTM 25B	C.I	ASTM 25B
Shaft	Stainless Steel 304	AISI 304*	Stainless Steel 304	AISI 304*	Stainless Steel 316	AISI 316
Mechanical Seal	Sic* / FKM	-	Sic* / FKM	-	Sic* / FKM	-
Impeller	AISI 304	AISI 304	Stainless Steel 304	AISI 304	Stainless Steel 316	AISI 316
Wearing Ring	Teflon	-	Teflon	-	Teflon	-
Diffuser	Stainless Steel 304	AISI 304	Stainless Steel 304	AISI 304	Stainless Steel 316	AISI 316
Pump Outer Shell	Stainless Steel 304	AISI 304	Stainless Steel 304	AISI 304	Stainless Steel 316	AISI 316
Distance Sleeve	Stainless Steel 304	AISI 304	Stainless Steel 304	AISI 304	Stainless Steel 316	AISI 316
Pump Base	C.I	ASTM 25B	Stainless Steel 304	AISI 304	Stainless Steel 316	AISI 316
Base Plate	CI	ASTM 25B	C.I	ASTM 25B	C.I	ASTM 25B
Rubber Parts	Viton	-	Viton	-	Viton	-

* Options available.
SiC - Silicon Carbidge, FKM - Fluroelarmoer (VITON), TC - Tungstan Carbidge

The company reserves the right to modify the technical specification and illustrations without prior notice.

GROUP PERFORMANCE CURVES



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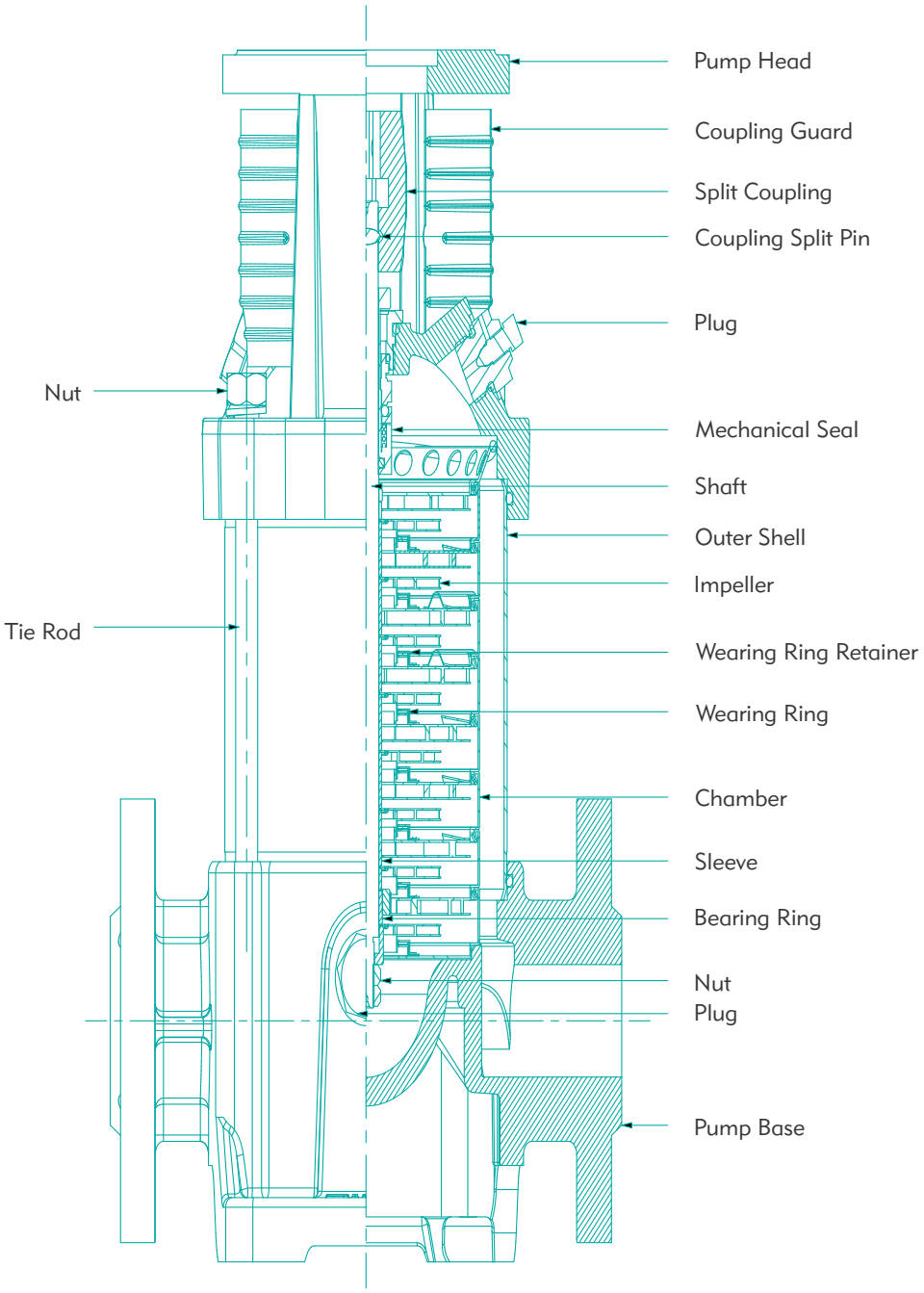
CONSTRUCTIONAL DATA



TV-RC / RS / RN (1, 2, 3, 4 & 5 m^3/hr)

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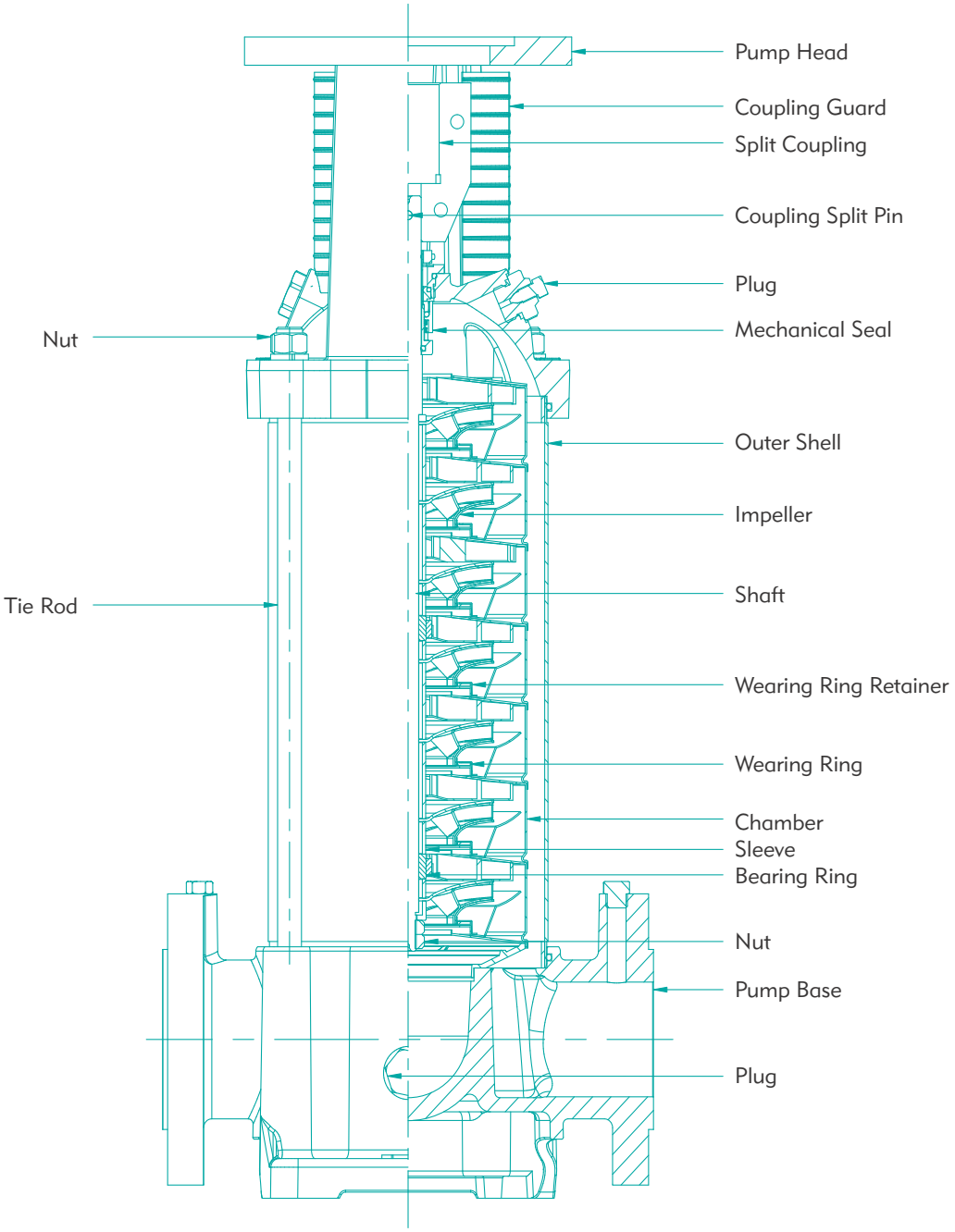
CONSTRUCTIONAL DATA



TV-RC / RS / RN (10, 15 & 20 m^3/hr)

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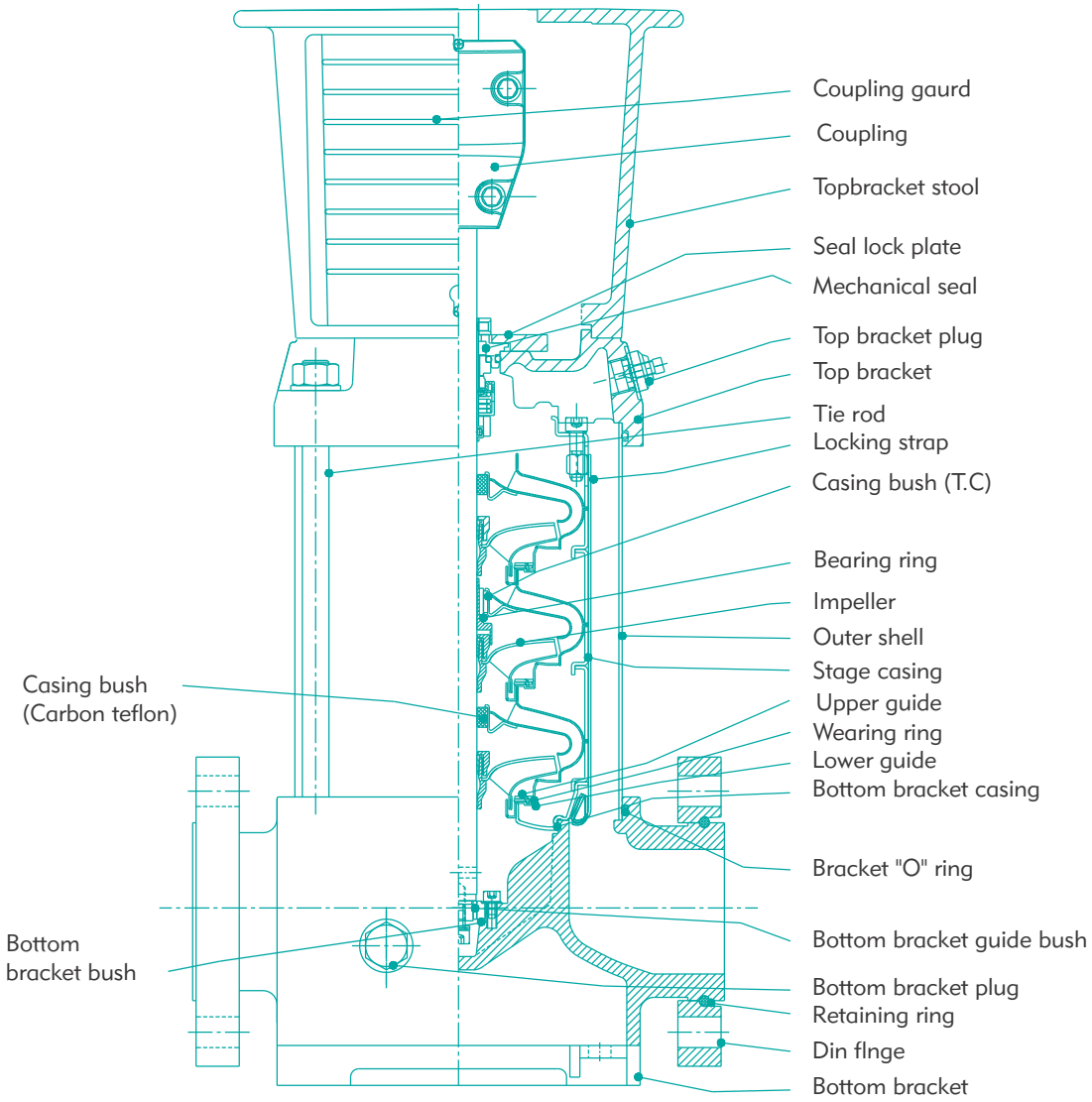
CONSTRUCTIONAL DATA



TV-RC / RS / RN (32, 44, 66 & 90m³/hr)

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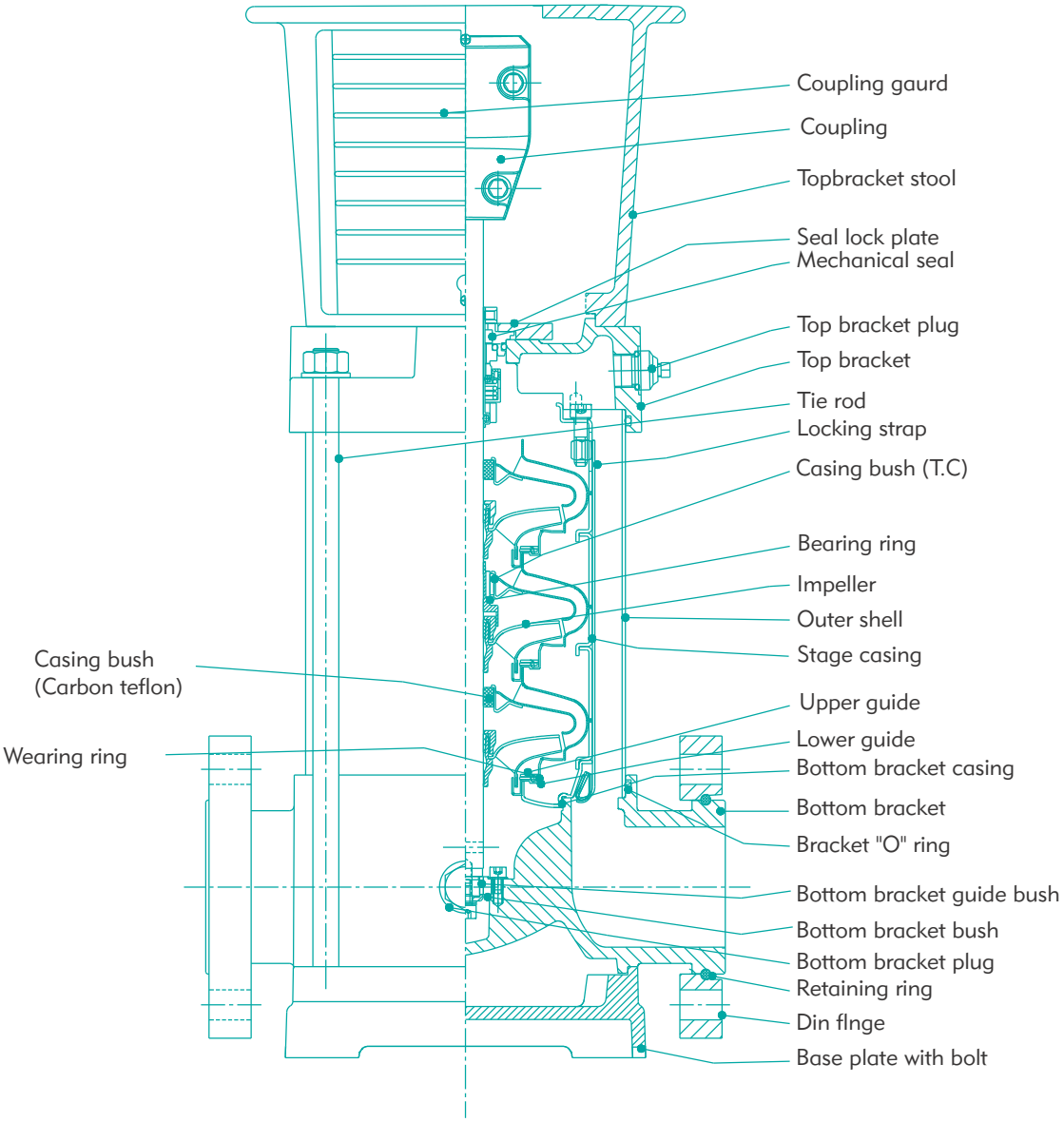
CONSTRUCTIONAL DATA



TV-RC / RS / RN (120, 150 & 200 m³/hr)

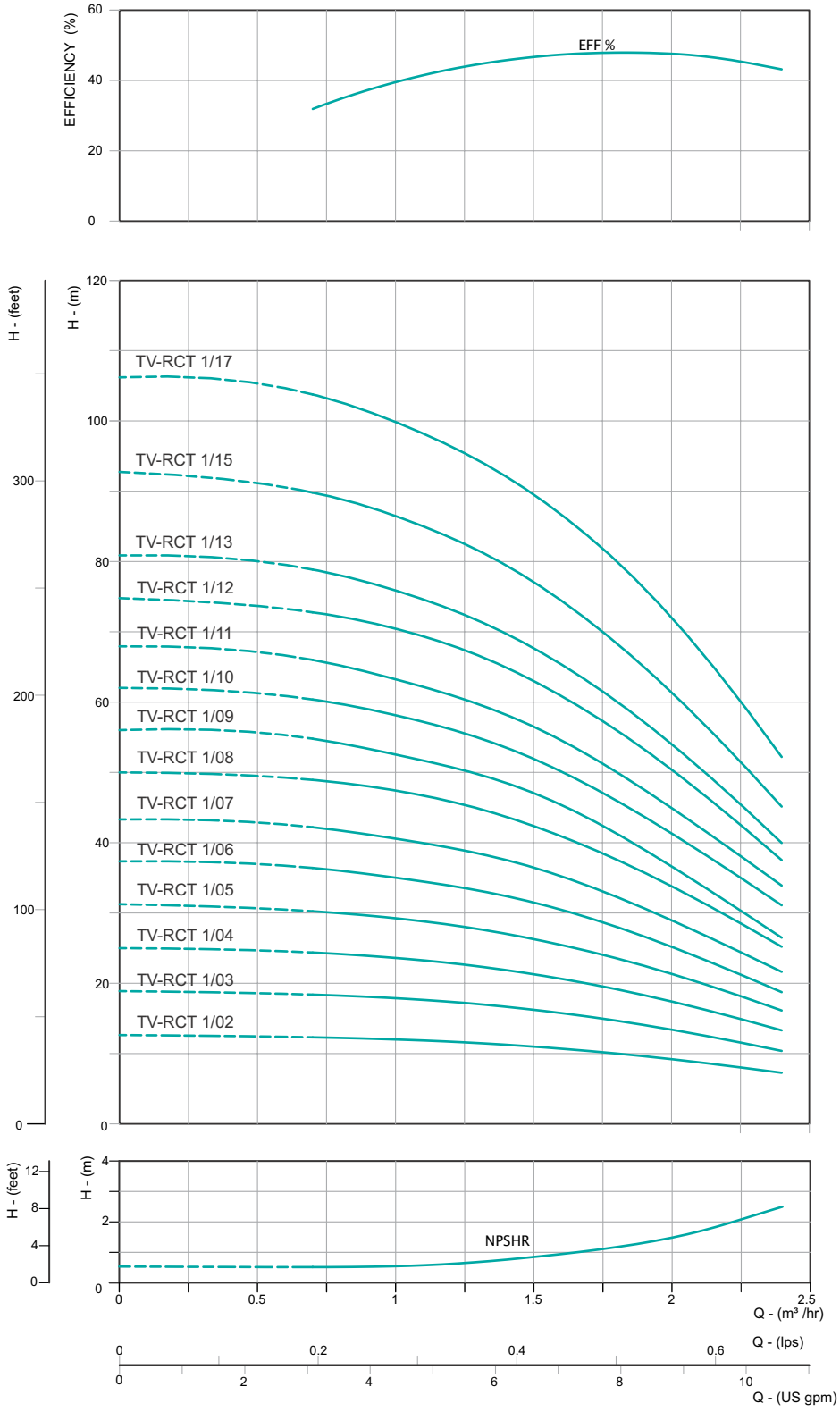
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **1m³/hr**

2900 rpm



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **1m³/hr**

2900 rpm

Power		Pump Model*	lpm	8.5	16.2	24.6	33.3	40
kW	HP		m³/hr	0.5	1	1.5	2	2.4
0.37	0.5	TV-RCT 1/02	Head in Meters	12	11	10	9	7
0.37	0.5	TV-RCT 1/03		18	18	17	14	10
0.37	0.5	TV-RCT 1/04		25	24	22	18	13
0.37	0.5	TV-RCT 1/05		30	29	27	22	16
0.37	0.5	TV-RCT 1/06		36	34	31	24	18
0.37	0.5	TV-RCT 1/07		42	40	36	29	22
0.55	0.75	TV-RCT 1/08		48	46	42	33	25
0.55	0.75	TV-RCT 1/09		55	52	47	37	26
0.55	0.75	TV-RCT 1/10		60	57	52	41	31
0.55	0.75	TV-RCT 1/11		67	63	57	45	34
0.75	1.0	TV-RCT 1/12		75	70	63	50	38
0.75	1.0	TV-RCT 1/13		79	75	67	54	40
0.75	1.0	TV-RCT 1/15		90	85	77	61	46
1.1	1.5	TV-RCT 1/17		105	100	90	72	52

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

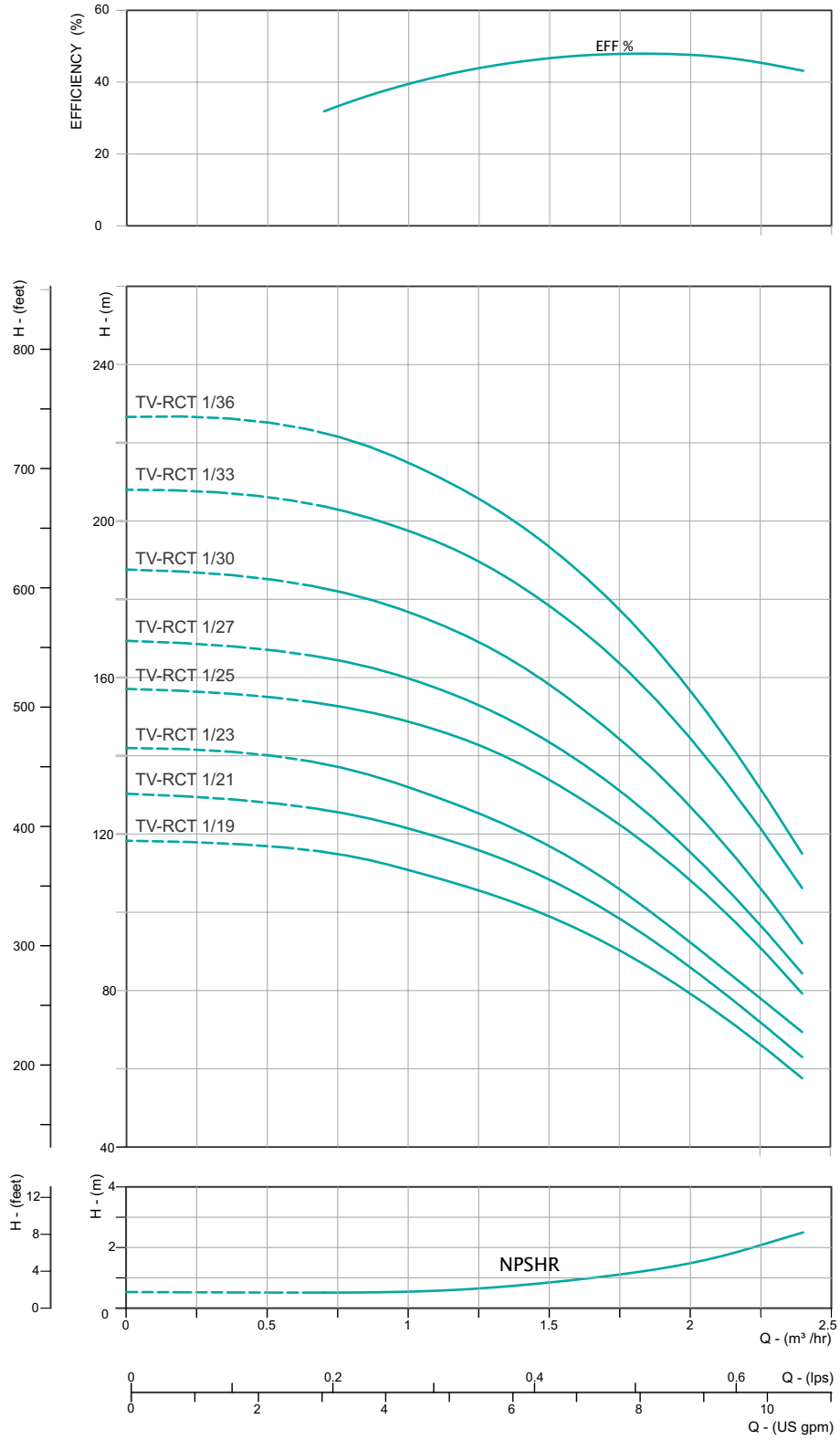
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **1m³/hr**

2900 rpm



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE DATA

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **1m³/hr**

2900 rpm

Power		Pump Model*	lpm	8.5	16.2	24.6	33.3	40
kW	HP		m³/hr	0.5	1	1.5	2	2.4
1.1	1.5	TV-RCT 1/19	Head in Meters	117	110	98	78	56
1.1	1.5	TV-RCT 1/21		128	120	108	85	60
1.1	1.5	TV-RCT 1/23		140	130	116	93	69
1.5	2	TV-RCT 1/25		155	149	134	107	79
1.5	2	TV-RCT 1/27		167	160	142	116	84
1.5	2	TV-RCT 1/30		185	176	158	127	92
2.2	3	TV-RCT 1/33		206	196	178	144	106
2.2	3	TV-RCT 1/36		225	215	193	157	114

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

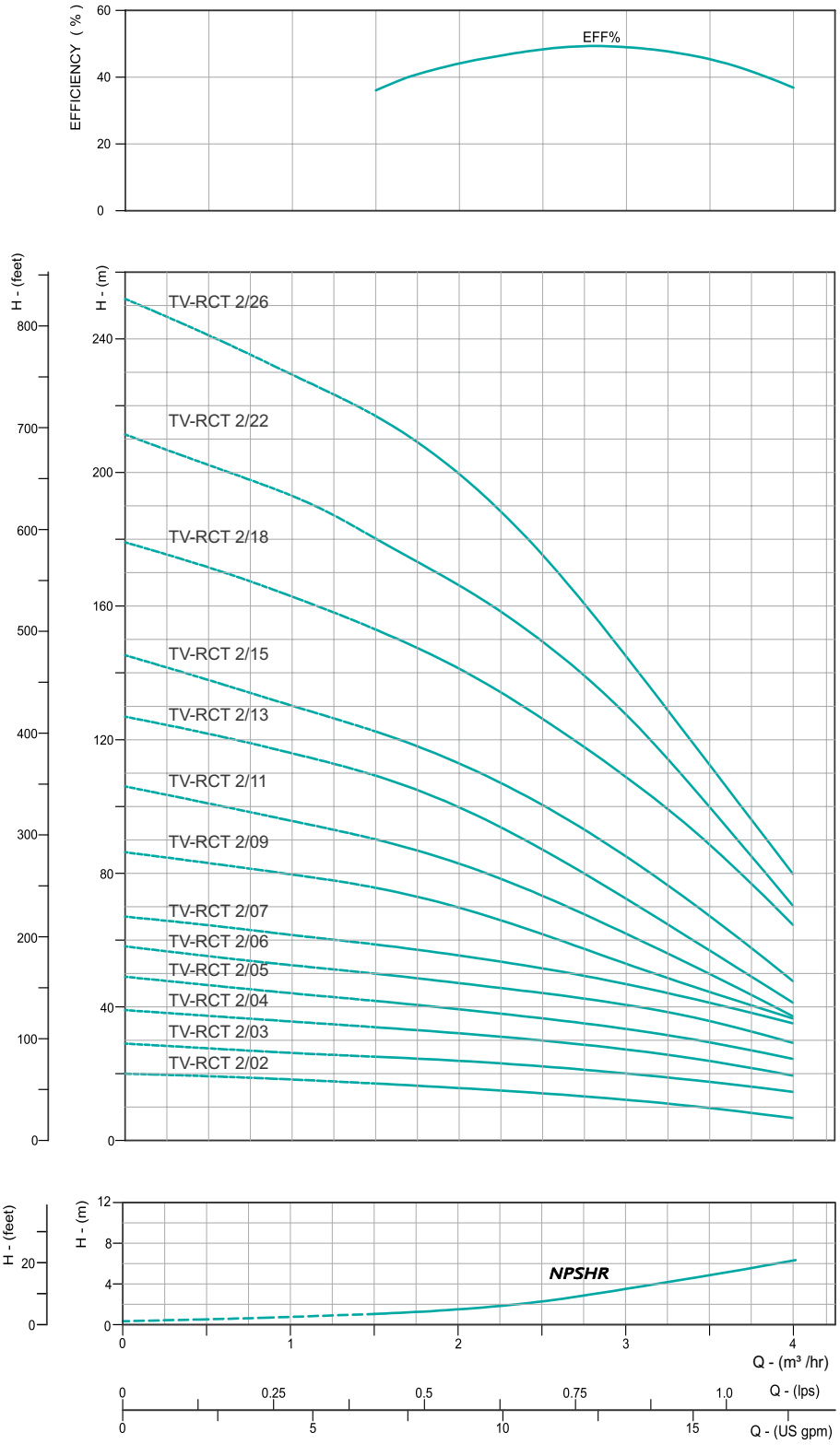
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **2m³/hr**

2900 rpm



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **2m³/hr**

2900 rpm

Power		Pump Model*	lpm	16.2	24.6	33.3	41.6	50	58.3	66.6
kW	HP		m³/hr	1	1.5	2	2.5	3	3.5	4
0.37	0.50	TV-RCT 2/02	Head in Meters	18	17	15	14	13	10	7
0.37	0.50	TV-RCT 2/03		26	25	24	23	20	18	15
0.55	0.75	TV-RCT 2/04		36	34	33	30	28	25	20
0.55	0.75	TV-RCT 2/05		45	42	40	37	34	30	25
0.75	1.0	TV-RCT 2/06		53	50	48	45	41	37	30
0.75	1.0	TV-RCT 2/07		62	59	55	52	47	42	35
1.1	1.5	TV-RCT 2/09		80	77	70	62	53	45	37
1.1	1.5	TV-RCT 2/11		96	90	83	74	63	50	38
1.5	2.0	TV-RCT 2/13		117	109	100	88	73	58	42
1.5	2.0	TV-RCT 2/15		130	123	113	100	85	68	48
2.2	3.0	TV-RCT 2/18		163	154	141	126	108	88	63
2.2	3.0	TV-RCT 2/22		193	180	165	150	128	100	70
3.0	4.0	TV-RCT 2/26		230	217	200	175	145	113	80

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

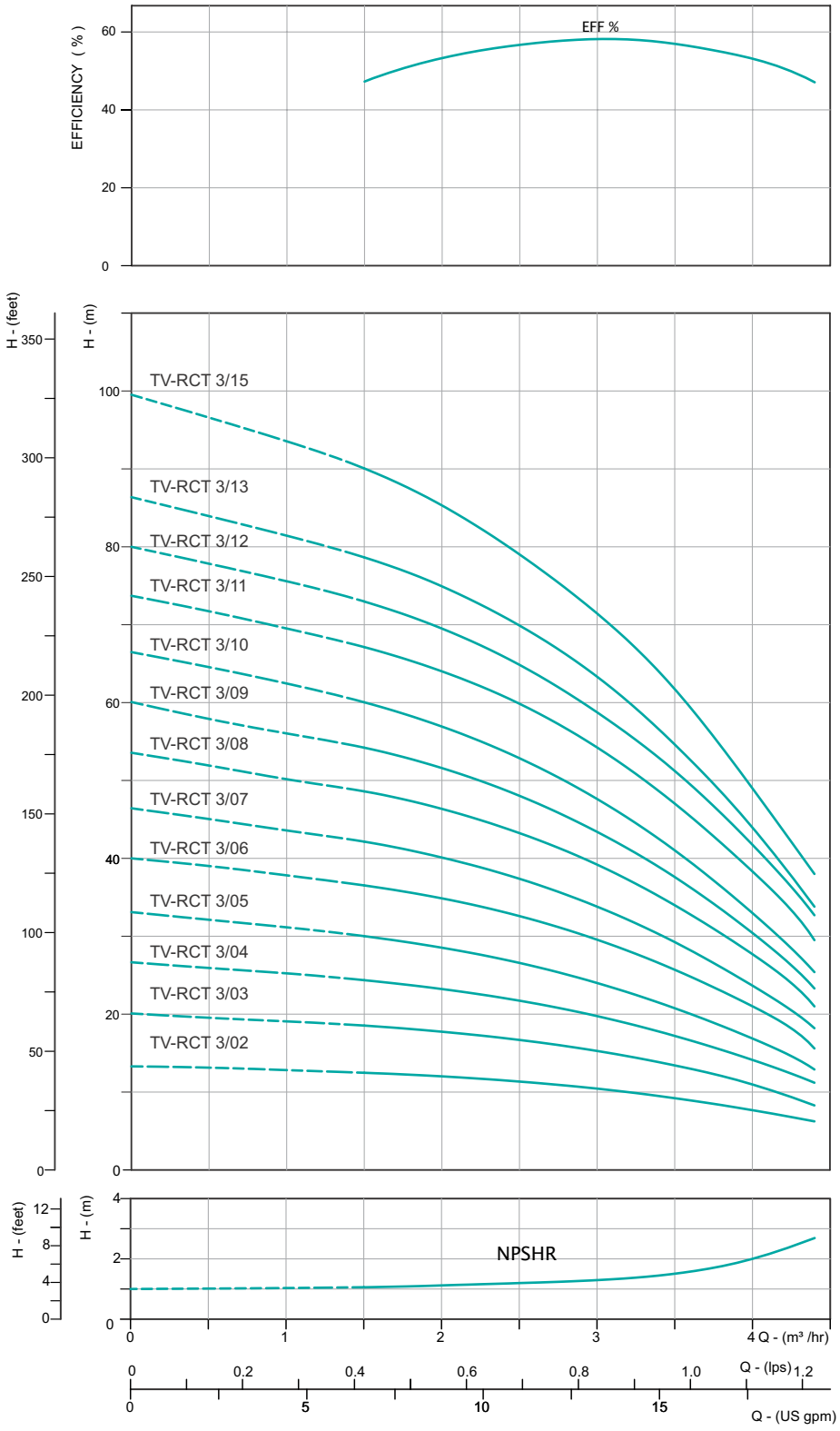
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **3m³/hr**

2900 rpm



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE DATA

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **3m³/hr**

2900 rpm

Power		Pump Model*	lpm	16.2	33.3	50	66.6	71.4
kW	HP		m³/hr	1	2	3	4	4.4
0.37	0.5	TV-RCT 3/02	Head in Meters	13	12	11	8	6
0.37	0.5	TV-RCT 3/03		18	18	15	11	8
0.37	0.5	TV-RCT 3/04		25	23	20	14	11
0.37	0.5	TV-RCT 3/05		32	29	24	17	13
0.55	0.75	TV-RCT 3/06		38	35	29	21	16
0.55	0.75	TV-RCT 3/07		44	40	33	25	18
0.75	1.0	TV-RCT 3/08		51	47	39	28	21
0.75	1.0	TV-RCT 3/09		57	52	43	31	23
0.75	1.0	TV-RCT 3/10		63	58	47	33	26
1.1	1.5	TV-RCT 3/11		70	64	55	39	30
1.1	1.5	TV-RCT 3/12		76	69	59	42	33
1.1	1.5	TV-RCT 3/13		82	74	63	44	34
1.1	1.5	TV-RCT 3/15		93	85	72	49	38

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

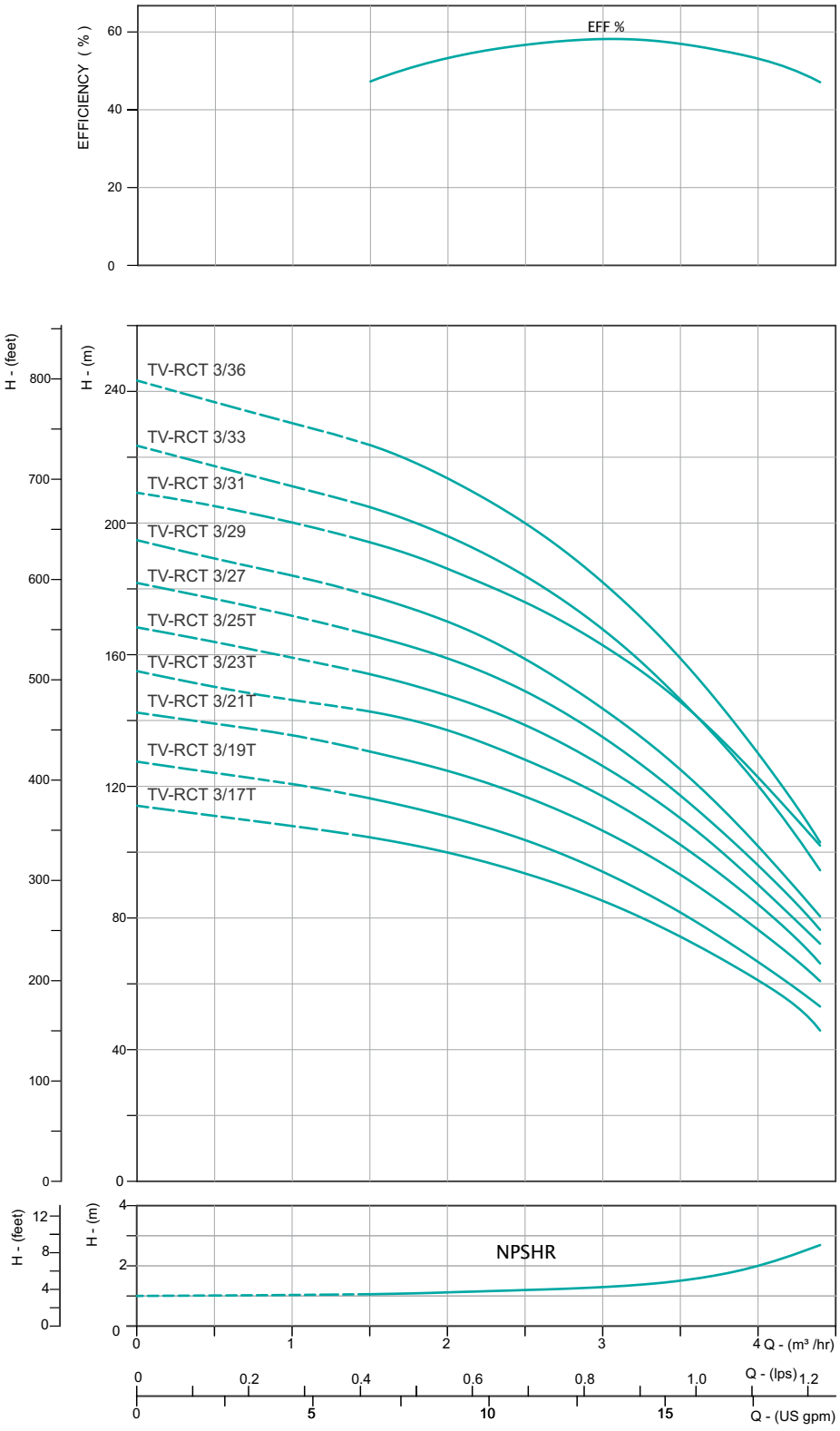
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **3m³/hr**

2900 rpm



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* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **3m³/hr**

2900 rpm

Power		Pump Model*	lpm	16.2	33.3	50	66.6	71.4
kW	HP		m³/hr	1	2	3	4	4.4
1.5	2.0	TV-RCT 3/17	Head in Meters	109	99	86	62	49
1.5	2.0	TV-RCT 3/19		121	111	95	67	53
2.2	3.0	TV-RCT 3/21		135	124	107	77	61
2.2	3.0	TV-RCT 3/23		147	135	117	84	66
2.2	3.0	TV-RCT 3/25		159	147	126	90	72
2.2	3.0	TV-RCT 3/27		172	159	138	97	77
2.2	3.0	TV-RCT 3/29		185	171	144	102	80
3.0	4.0	TV-RCT 3/31		199	186	163	123	102
3.0	4.0	TV-RCT 3/33		211	196	168	120	96
3.0	4.0	TV-RCT 3/36		230	214	182	131	103

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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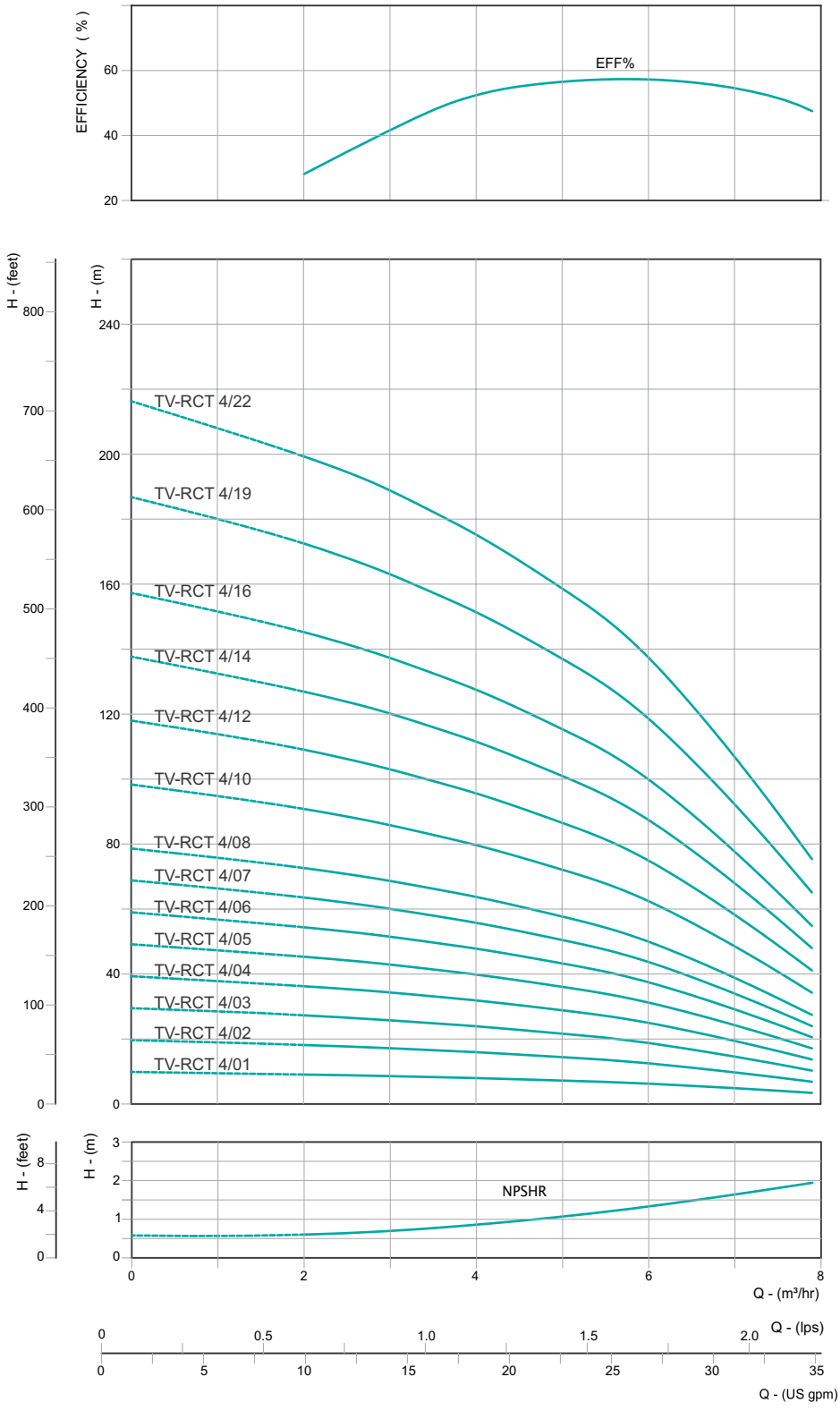
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 1¼" x 1¼"** Nominal Flow : **4m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 1¼" x 1¼"** Nominal Flow : **4m³/hr** **2900 rpm**

Power		Pump Model*	lpm	33.3	50	66.6	83.3	100	116.6	133.3
kW	HP		m³/hr	2	3	4	5	6	7	8
0.37	0.50	TV-RCT 4/01	Head in Meters	9	8	8	7	6	5	3
0.37	0.50	TV-RCT 4/02		19	17	16	14	12	10	6
0.55	0.75	TV-RCT 4/03		28	26	25	22	18	15	10
0.75	1.0	TV-RCT 4/04		38	35	33	30	25	20	14
1.1	1.5	TV-RCT 4/05		45	43	40	37	32	25	17
1.1	1.5	TV-RCT 4/06		56	53	48	43	37	29	19
1.5	2.0	TV-RCT 4/07		63	60	56	51	44	34	23
1.5	2.0	TV-RCT 4/08		73	69	64	58	50	39	27
2.2	3.0	TV-RCT 4/10		92	86	80	72	63	49	33
2.2	3.0	TV-RCT 4/12		110	103	96	87	75	59	41
3	4.0	TV-RCT 4/14		128	120	112	101	88	68	48
3	4.0	TV-RCT 4/16		147	137	128	116	101	78	55
4	5.5	TV-RCT 4/19		173	163	152	137	119	93	62
4	5.5	TV-RCT 4/22		200	189	176	159	138	107	72

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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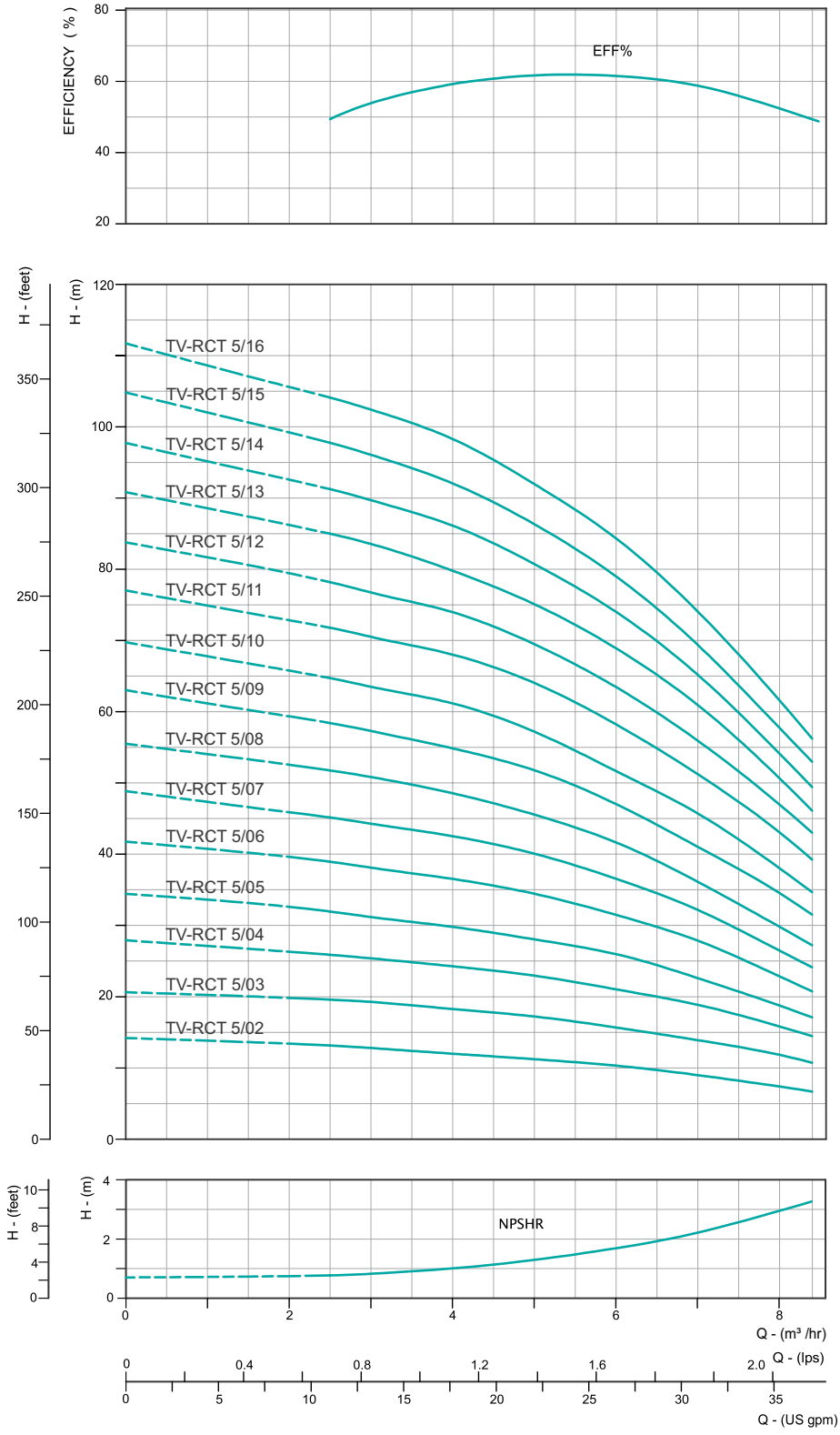
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 1¼" x 1¼"** Nominal Flow : **5m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 1¼" x 1¼"** Nominal Flow : **5m³/hr** **2900 rpm**

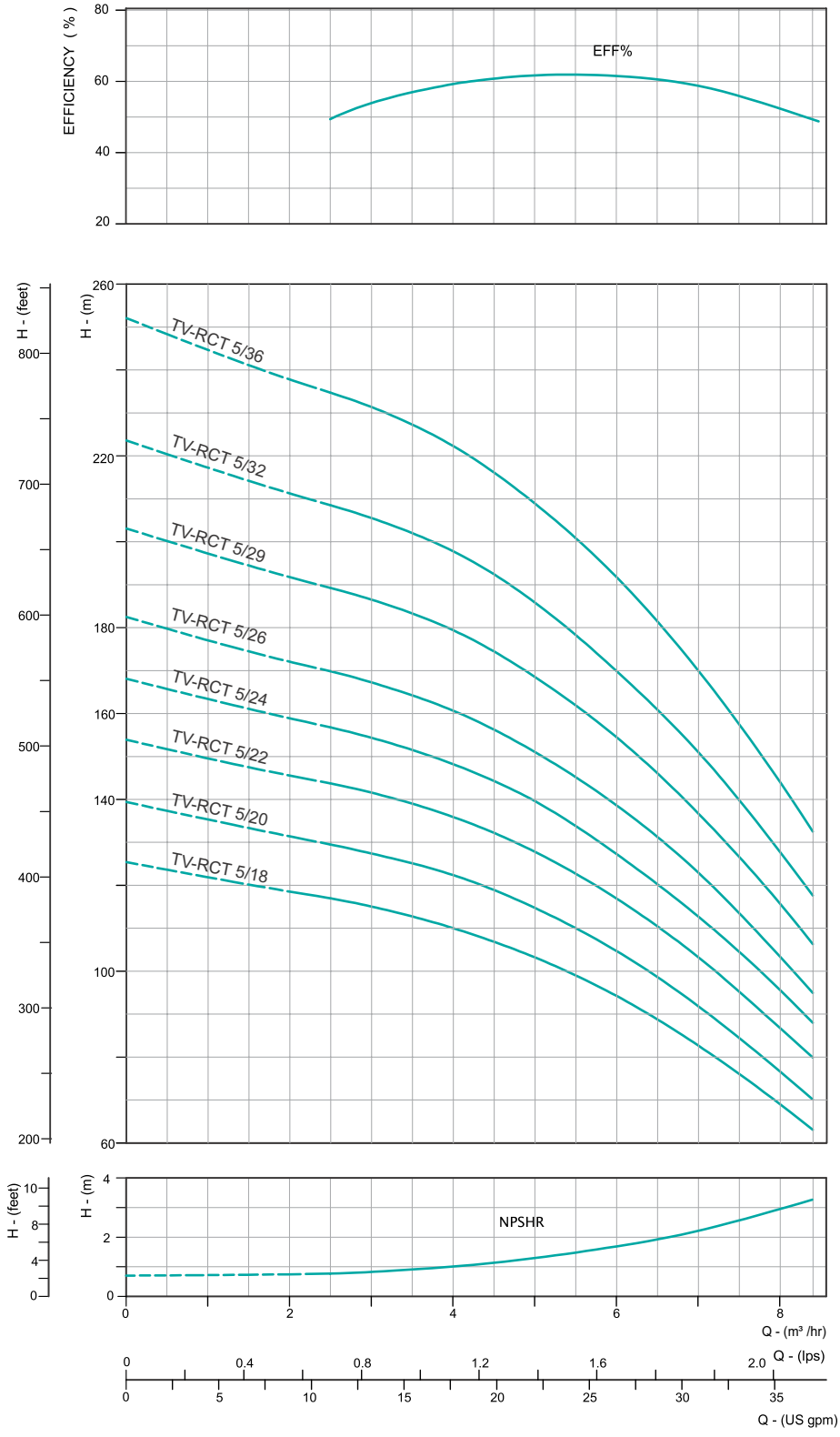
Power		Pump Model*	lpm	25	50	66.6	83.3	100	116.6	133.3	140
kW	HP		m³/hr	1.5	3	4	5	6	7	8	8.4
0.37	0.5	TV-RCT 5/02	Head in Meters	13	13	12	11	20	8	6	6
0.55	0.75	TV-RCT 5/03		20	19	18	17	15	13	10	9
0.55	0.75	TV-RCT 5/04		24	23	22	21	19	17	15	14
0.75	1.0	TV-RCT 5/05		30	29	28	26	24	21	19	18
1.1	1.5	TV-RCT 5/06		40	38	36	34	30	26	22	19
1.1	1.5	TV-RCT 5/07		44	42	40	37	34	30	26	24
1.1	1.5	TV-RCT 5/08		50	47	45	42	38	34	29	27
1.5	2.0	TV-RCT 5/09		58	55	53	50	46	41	35	32
1.5	2.0	TV-RCT 5/10		67	63	61	57	51	45	37	34
2.2	3.0	TV-RCT 5/11		74	70	67	63	58	51	43	39
2.2	3.0	TV-RCT 5/12		78	75	72	67	62	55	47	44
2.2	3.0	TV-RCT 5/13		87	83	80	74	68	60	50	45
2.2	3.0	TV-RCT 5/14		91	87	83	78	71	63	54	50
2.2	3.0	TV-RCT 5/15		98	93	89	84	77	68	58	53
2.2	3.0	TV-RCT 5/16		104	99	95	89	81	72	60	55

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 1¼" x 1¼"** Nominal Flow : **5m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 1¼" x 1¼"** Nominal Flow : **5m³/hr** **2900 rpm**

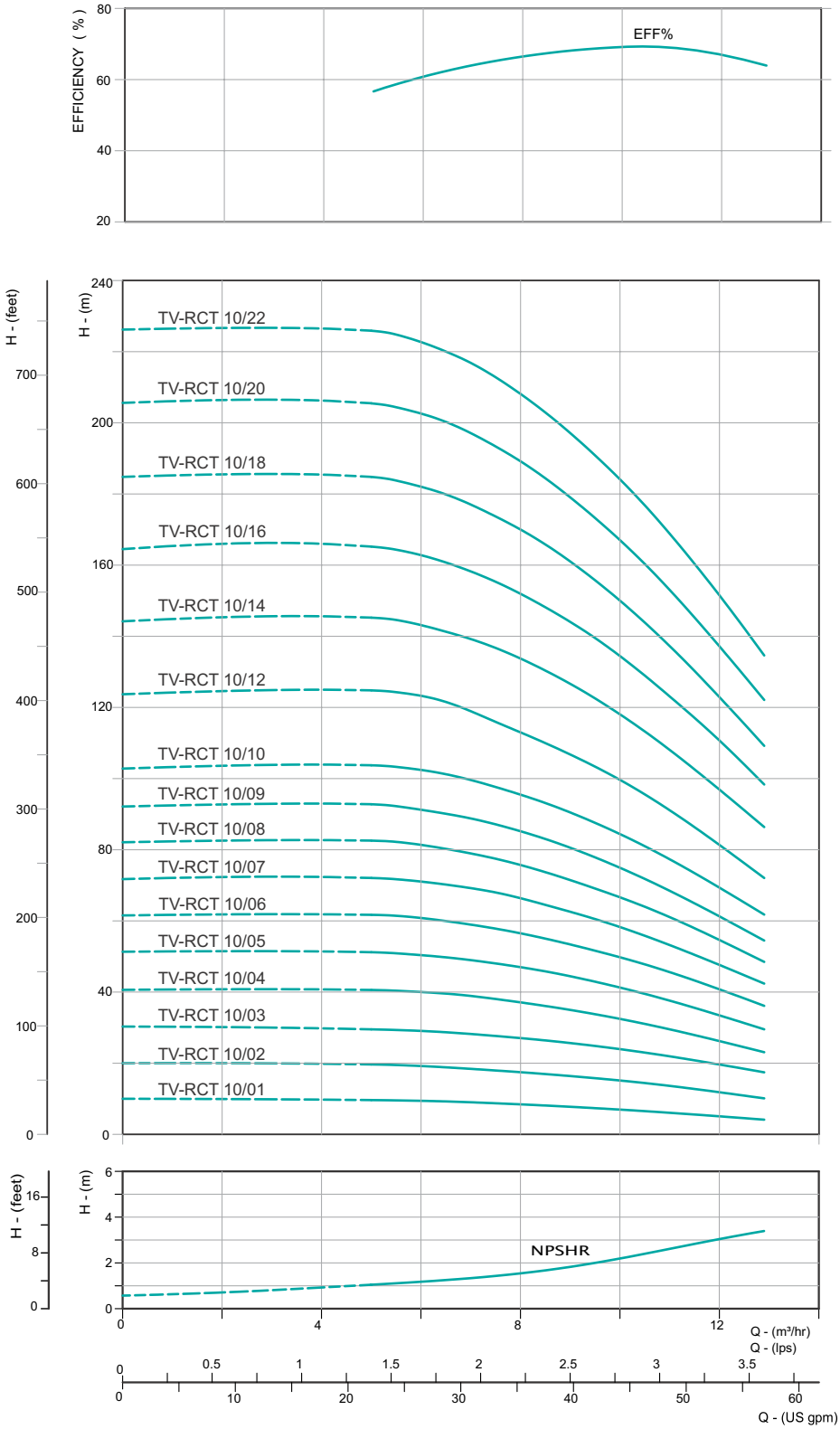
Power		Pump Model*	lpm	25	50	66.6	83.3	100	116.6	133.3	140
kW	HP		m³/hr	1.5	3	4	5	6	7	8	8.4
3.0	4.0	TV-RCT 5/18	Head in Meters	117	113	108	102	93	83	70	65
3.0	4.0	TV-RCT 5/20		131	125	120	112	103	91	77	70
4.0	5.5	TV-RCT 5/22		148	142	136	128	117	104	88	81
4.0	5.5	TV-RCT 5/24		161	154	148	139	128	114	95	88
4.0	5.5	TV-RCT 5/26		172	165	158	148	136	121	102	93
4.0	5.5	TV-RCT 5/29		194	185	177	166	152	135	113	104
5.5	7.5	TV-RCT 5/32		214	205	197	185	170	149	126	116
5.5	7.5	TV-RCT 5/36		238	228	218	204	187	165	139	128

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 1½" x 1½"** Nominal Flow : **10m³/hr** **2900 rpm**



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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 1½" x 1½"** Nominal Flow : **10m³/hr** **2900 rpm**

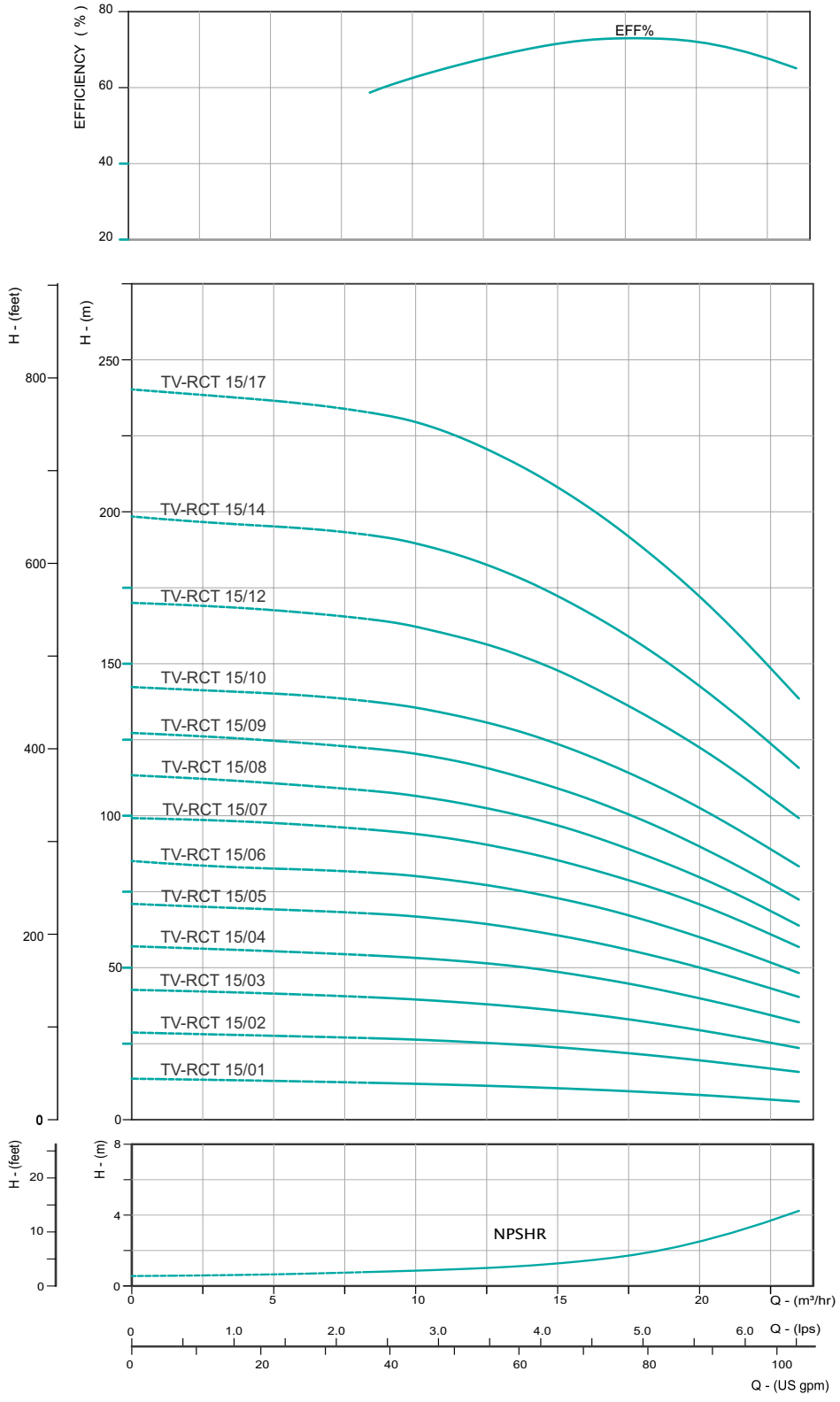
Power		Pump Model*	lpm	33.6	66.6	100.2	133.2	166.8	200	216.6
kW	HP		m³/hr	2	4	6	8	10	12	13
0.37	0.50	TV-RCT 10/01	Head in Meters	10	10	10	8	7	5	4
0.75	1.0	TV-RCT 10/02		20	20	19	18	15	12	10
1.1	1.5	TV-RCT 10/03		30	30	29	27	24	20	17
1.5	2.0	TV-RCT 10/04		41	41	40	37	32	26	23
2.2	3.0	TV-RCT 10/05		51	52	51	47	41	33	29
2.2	3.0	TV-RCT 10/06		62	62	61	57	50	39	35
3.0	4.0	TV-RCT 10/07		73	73	71	66	58	48	41
3.0	4.0	TV-RCT 10/08		83	83	82	76	66	55	47
3.0	4.0	TV-RCT 10/09		93	94	91	86	75	61	54
4.0	5.5	TV-RCT 10/10		104	105	103	95	84	69	59
4.0	5.5	TV-RCT 10/12		125	125	123	114	100	82	72
5.5	7.5	TV-RCT 10/14		146	146	144	134	118	97	85
5.5	7.5	TV-RCT 10/16		167	167	163	153	134	111	97
7.5	10	TV-RCT 10/18		186	187	182	170	150	123	108
7.5	10	TV-RCT 10/20		206	207	204	189	167	138	120
7.5	10	TV-RCT 10/22		227	228	223	207	184	150	133

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V & replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 2" x 2"** Nominal Flow : **15m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 2" x 2"** Nominal Flow : **15m³/hr** **2900 rpm**

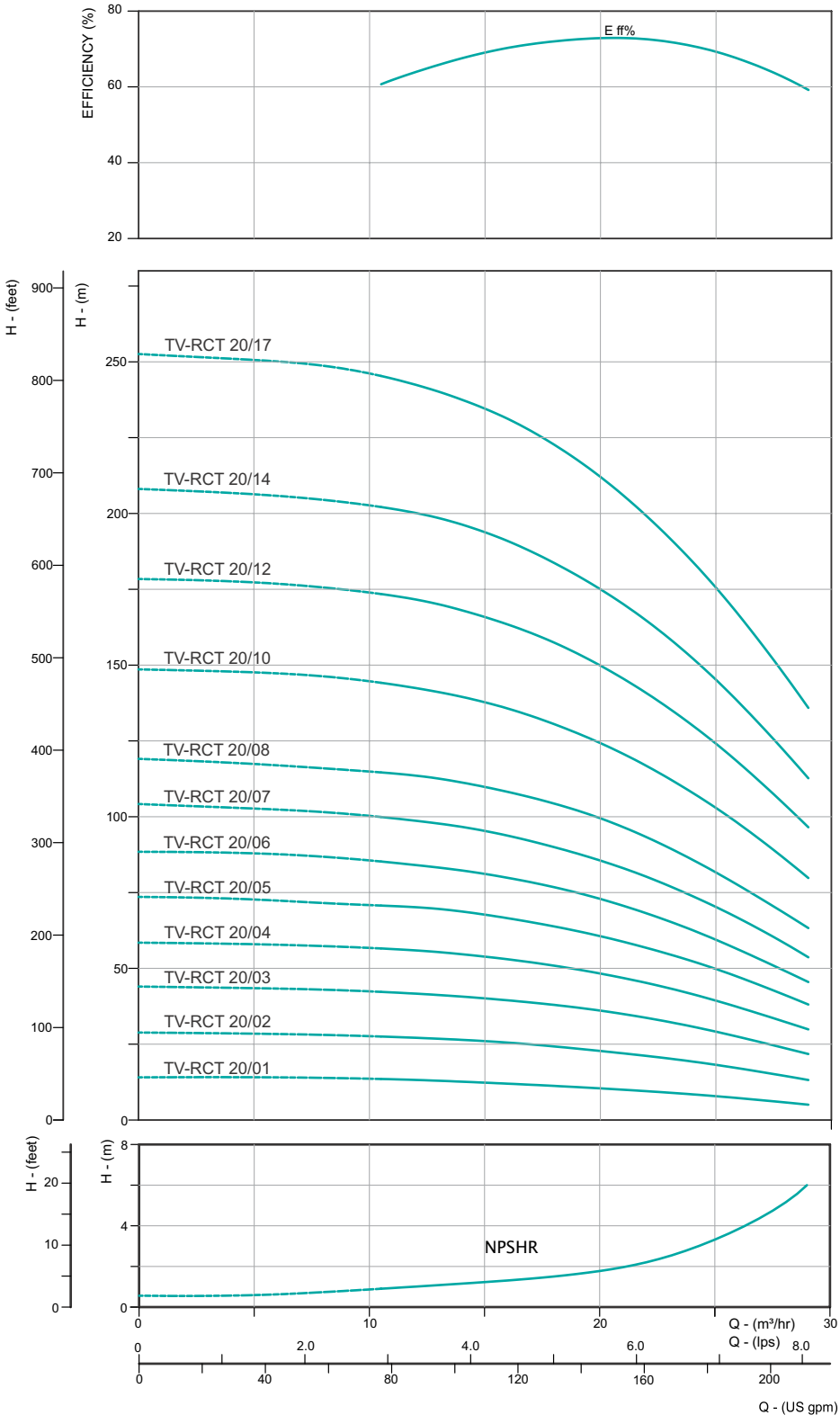
Power		Pump Model*	lpm	66.6	133.2	200	267	333.6	391.8
kW	HP		m³/hr	4	8	12	16	20	23.5
1.1	1.5	TV-RCT 15/01	Head in Meters	13	12	11	10	7.5	6
2.2	3.0	TV-RCT 15/02		27	26	25	23	19	15
3.0	4.0	TV-RCT 15/03		42	40	37	35	28	23
4.0	5.5	TV-RCT 15/04		56	54	52	47	39	31
4.0	5.5	TV-RCT 15/05		69	68	65	58	50	39
5.5	7.5	TV-RCT 15/06		83	82	78	71	60	47
5.5	7.5	TV-RCT 15/07		97	96	91	82	70	56
7.5	10	TV-RCT 15/08		111	109	103	94	79	62
7.5	10	TV-RCT 15/09		125	123	117	105	90	71
11	15	TV-RCT 15/10		140	138	132	120	101	81
11	15	TV-RCT 15/12		168	165	157	144	122	98
11	15	TV-RCT 15/14		195	193	184	167	142	115
15	20	TV-RCT 15/17		237	235	222	202	171	139

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V & replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 2" x 2"** Nominal Flow : **20m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 2" x 2"** Nominal Flow : **20m³/hr** **2900 rpm**

Power		Pump Model*	lpm	83.4	166.2	250.2	333.6	417	483.6
kW	HP		m³/hr	5	10	15	20	25	29
1.1	1.5	TV-RCT 20/01	Head in Meters	14	13	12	10	8	5
2.2	3.0	TV-RCT 20/02		28	26	25	23	18	13
4.0	5.5	TV-RCT 20/03		43	42	40	36	28	22
5.5	7.5	TV-RCT 20/04		59	56	54	48	39	29
5.5	7.5	TV-RCT 20/05		73	71	68	61	50	39
7.5	10	TV-RCT 20/06		88	86	80	73	60	45
7.5	10	TV-RCT 20/07		103	100	95	85	71	53
11	15	TV-RCT 20/08		118	117	110	100	83	62
11	15	TV-RCT 20/10		147	145	138	124	103	79
15	20	TV-RCT 20/12		177	175	166	149	124	96
15	20	TV-RCT 20/14		206	204	193	174	146	112
18.5	25	TV-RCT 20/17		250	246	234	211	176	136

* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V & replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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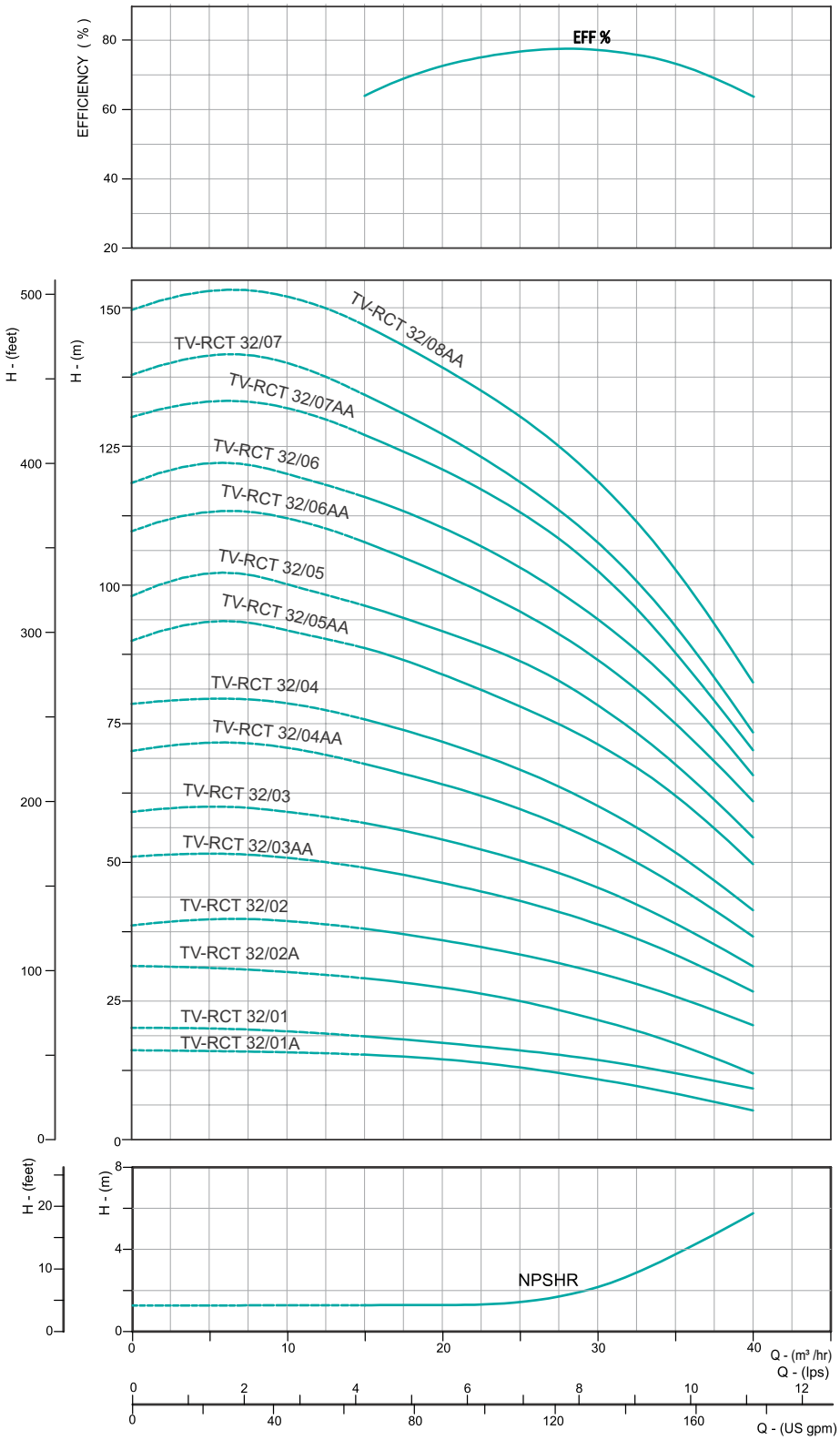
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 2½" x 2½"** Nominal Flow : **32m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 2½" x 2½"** Nominal Flow : **32m³/hr** **2900 rpm**

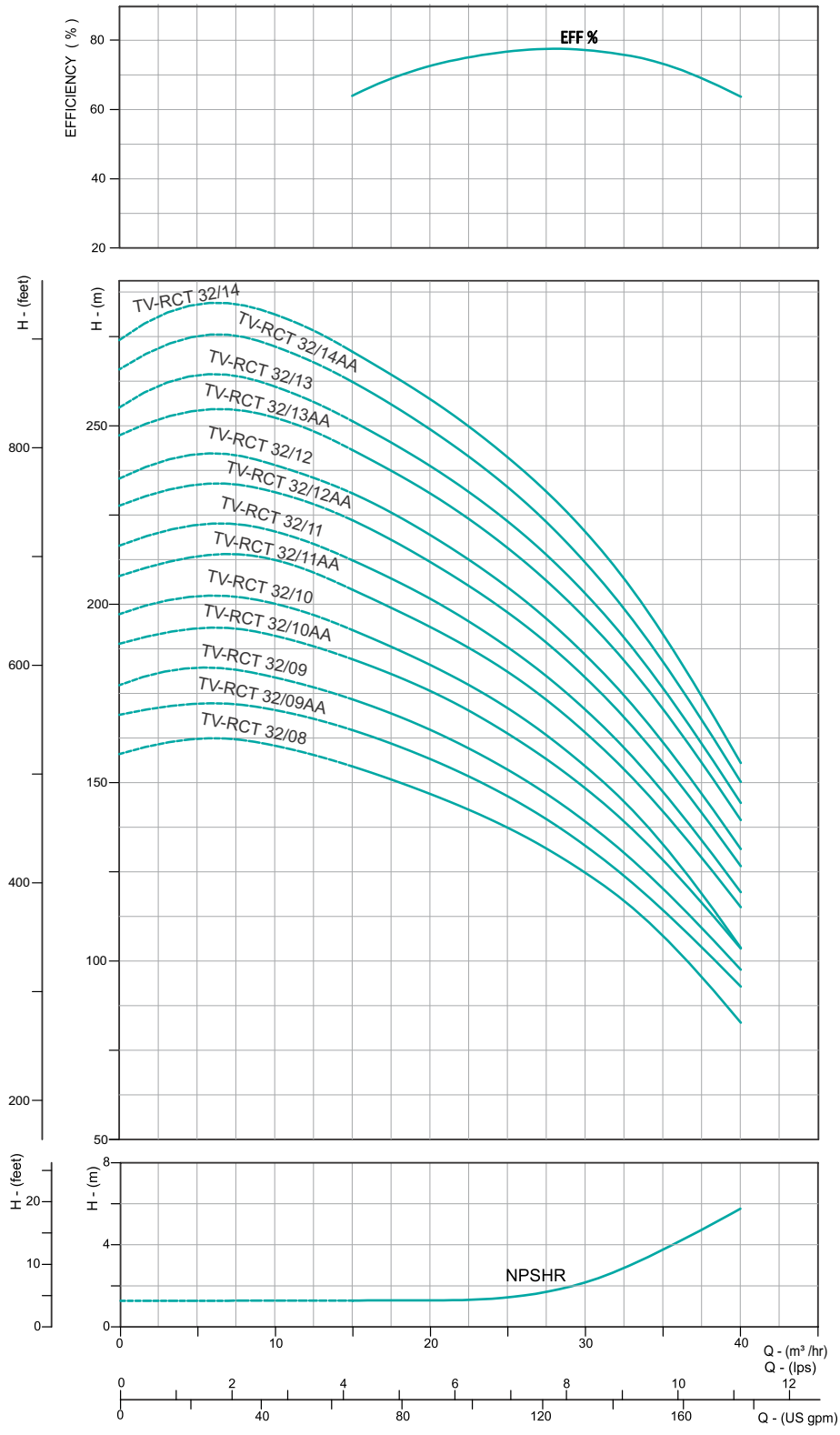
Power		Pump Model*	lpm	166.8	250.2	333.6	417	500.4	583.8	665.0
kW	HP		m³/hr	10	15	20	25	30	35	42
1.5	2	TV-RCT 32/01A	Head in Meters	17	16	15	14	13	9	5
2.2	3	TV-RCT 32/01		19	18	17	16	14	12	9
3	4	TV-RCT 32/02AA		31	30	28	26	22	17	12
4	5.5	TV-RCT 32/02A		34	33	32	30	26	21	15
4	5.5	TV-RCT 32/02		40	37	35	33	30	25	20
5.5	7.5	TV-RCT 32/03AA		50	50	46	42	39	34	26
5.5	7.5	TV-RCT 32/03		60	58	53	50	45	38	31
7.5	10	TV-RCT 32/04AA		70	67	64	60	54	46	37
7.5	10	TV-RCT 32/04		80	76	71	66	60	52	41
11	15	TV-RCT 32/05AA		91	89	84	78	71	61	50
11	15	TV-RCT 32/05		101	97	92	86	78	68	55
11	15	TV-RCT 32/06AA		112	108	102	96	87	76	61
11	15	TV-RCT 32/06		120	116	111	103	94	81	65
15	20	TV-RCT 32/07AA		133	127	121	114	102	89	70
15	20	TV-RCT 32/07		141	135	128	119	108	92	73
15	20	TV-RCT 32/08AA		152	146	139	131	119	103	82

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V & replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 2½" x 2½"** Nominal Flow : **32m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 2½" x 2½"** Nominal Flow : **32m³/hr** **2900 rpm**

Power		Pump Model*	lpm	166.8	250.2	333.6	417	500.4	583.8	665.0
kW	HP		m³/hr	10	15	20	25	30	35	40
15	20	TV-RCT 32/08	Head in Meters	161	156	148	138	126	109	82
18.5	25	TV-RCT 32/09AA		171	165	157	147	134	116	93
18.5	25	TV-RCT 32/09		180	174	165	154	140	122	97
18.5	25	TV-RCT 32/10AA		191	185	176	163	149	130	103
18.5	25	TV-RCT 32/10		200	194	184	172	156	136	103
22	30	TV-RCT 32/11AA		211	205	195	182	165	143	115
22	30	TV-RCT 32/11		220	213	202	188	172	149	119
22	30	TV-RCT 32/12AA		231	224	212	198	181	157	127
22	30	TV-RCT 32/12		239	231	220	205	186	163	131
30	40	TV-RCT 32/13AA		252	244	231	216	196	172	139
30	40	TV-RCT 32/13		260	251	239	223	205	177	144
30	40	TV-RCT 32/14AA		272	262	250	233	214	186	150
30	40	TV-RCT 32/14		282	271	258	241	221	192	155

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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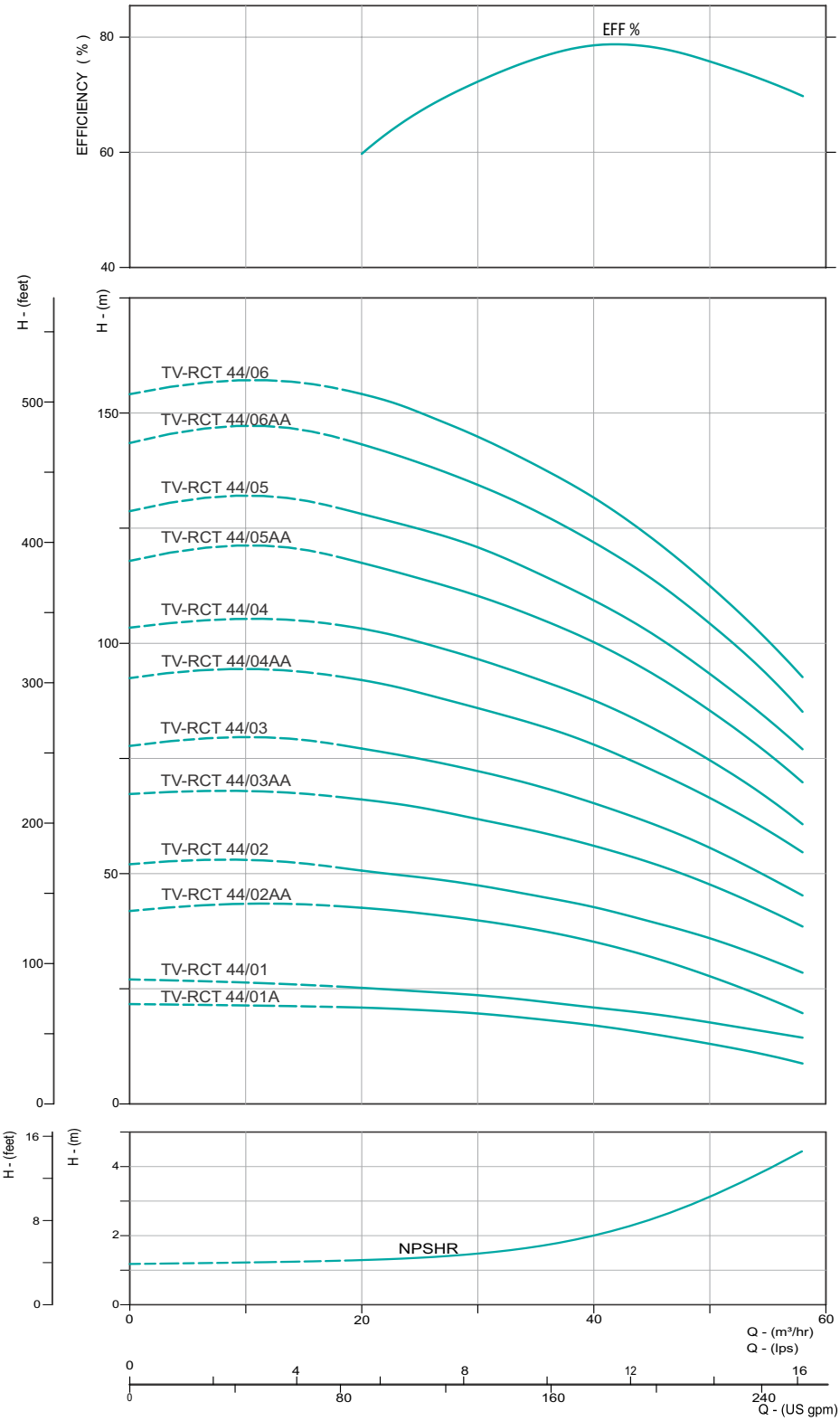
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 3" x 3"** Nominal Flow : **44m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 3" x 3"** Nominal Flow : **44m³/hr** **2900 rpm**

Power		Pump Model*	lpm	166.8	333.6	500.4	666.6	832.8	966.6
kW	HP		m³/hr	10	20	30	40	50	58
3	4	TV-RCT 44/01A	Head in Meters	22	21	20	17	14	10
4	5.5	TV-RCT 44/01		27	25	24	21	18	13
5.5	7.5	TV-RCT 44/02AA		43	43	40	36	28	19
7.5	10	TV-RCT 44/02		52	51	48	43	36	28
11	15	TV-RCT 44/03AA		68	66	62	57	48	38
11	15	TV-RCT 44/03		80	77	73	65	56	44
15	20	TV-RCT 44/04AA		94	92	86	78	66	52
15	20	TV-RCT 44/04		106	103	97	88	75	59
18.5	25	TV-RCT 44/05AA		121	117	111	100	86	69
18.5	25	TV-RCT 44/05		132	128	122	110	93	75
22	30	TV-RCT 44/06AA		147	143	135	122	104	85
22	30	TV-RCT 44/06		158	153	146	132	111	91

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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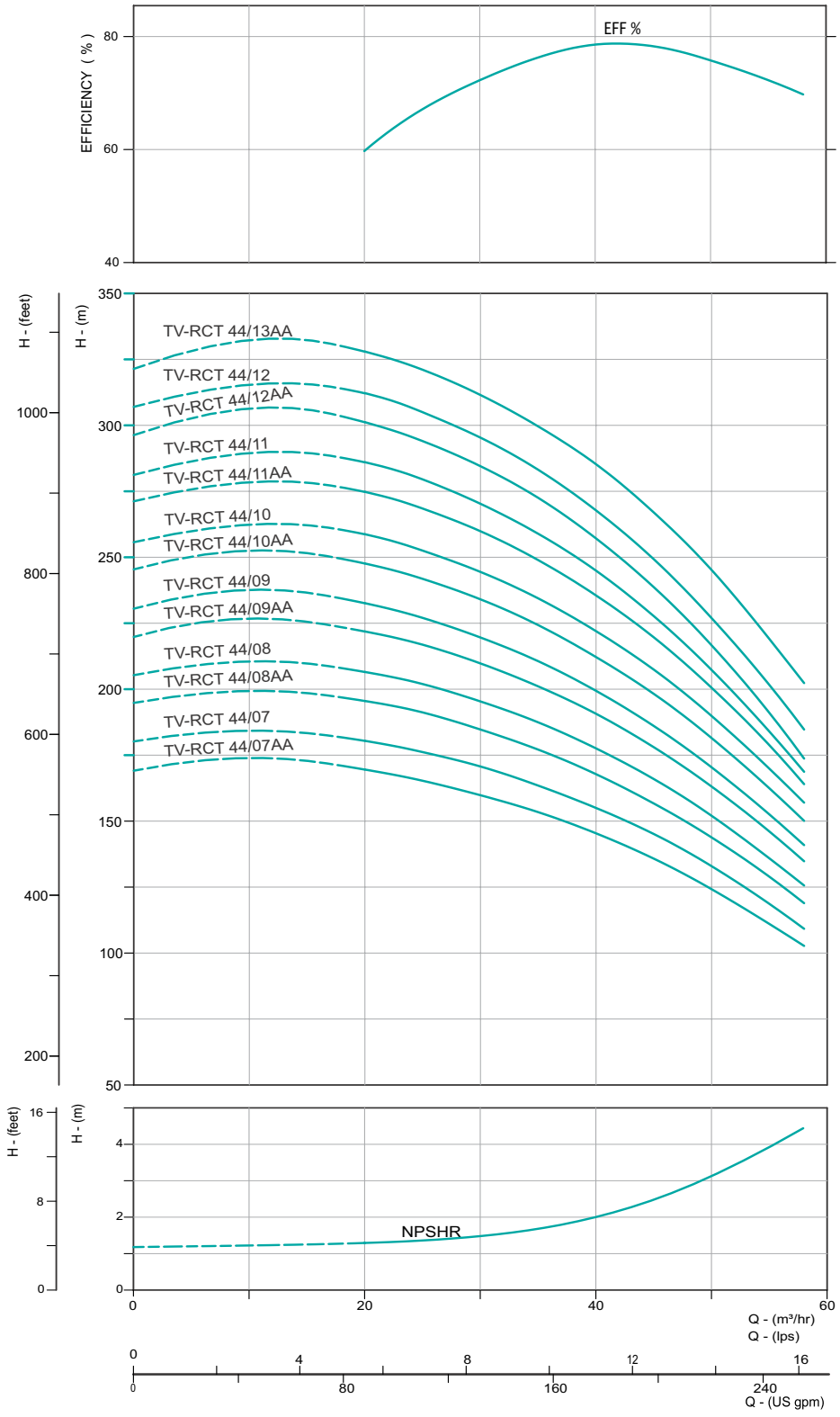
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 3" x 3"** Nominal Flow : **44m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 3" x 3"** Nominal Flow : **44m³/hr** **2900 rpm**

Power		Pump Model*	lpm	166.8	333.6	500.4	666.6	832.8	966.6
kW	HP		m³/hr	10	20	30	40	50	58
30	40	TV-RCT 44/07AA	Head in Meters	174	170	160	145	125	100
30	40	TV-RCT 44/07		185	181	171	155	134	109
30	40	TV-RCT 44/08AA		200	196	185	168	145	119
30	40	TV-RCT 44/08		211	207	196	177	152	124
30	40	TV-RCT 44/09AA		226	222	211	191	163	133
37	50	TV-RCT 44/09		237	233	220	201	172	140
37	50	TV-RCT 44/10AA		252	248	234	212	182	149
37	50	TV-RCT 44/10		264	258	244	220	190	155
45	60	TV-RCT 44/11AA		279	274	261	236	200	165
45	60	TV-RCT 44/11		290	286	271	247	209	168
45	60	TV-RCT 44/12AA		305	302	286	257	217	172
45	60	TV-RCT 44/12		316	312	296	268	226	182
45	60	TV-RCT 44/13AA		331	328	314	285	245	200

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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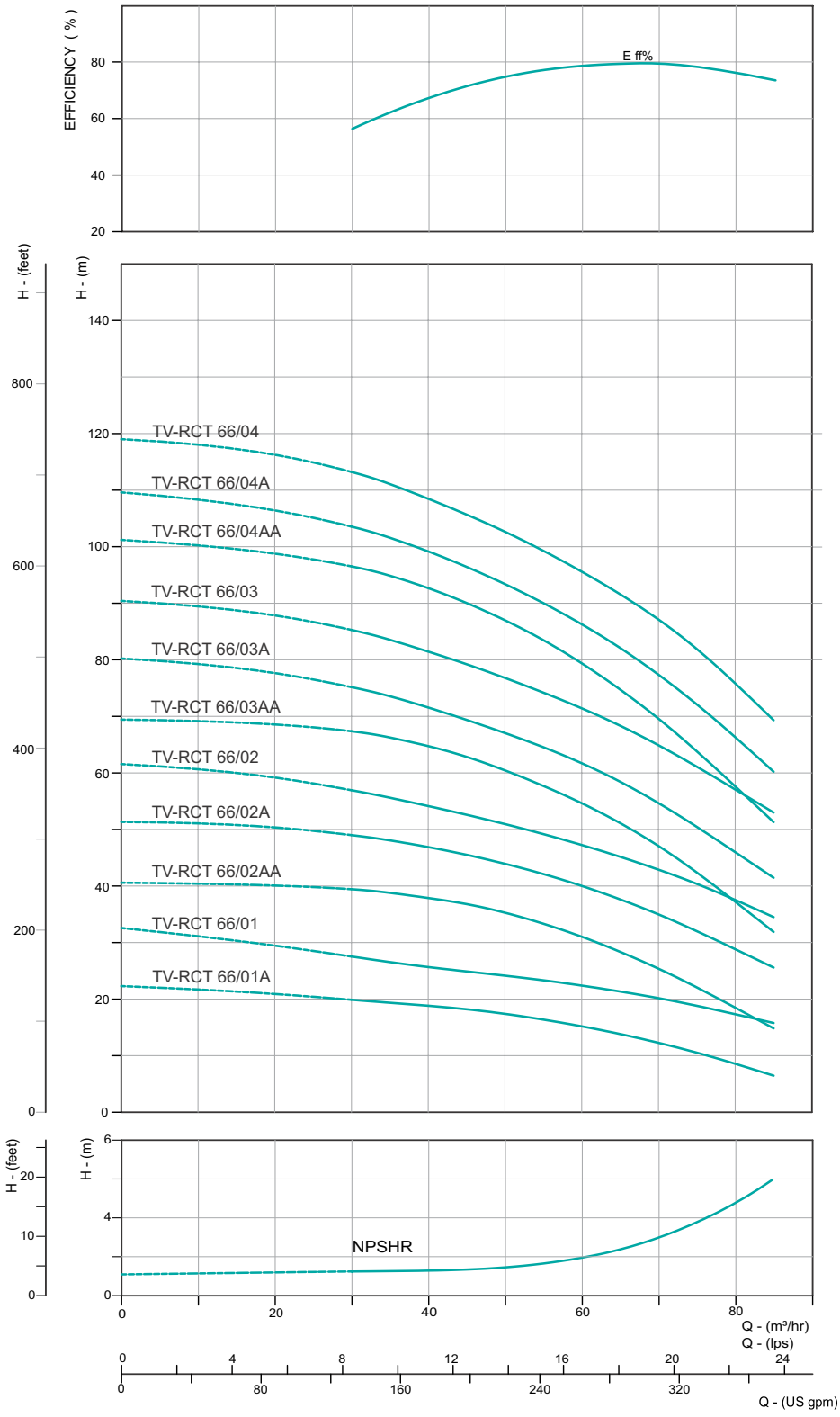
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 4" x 4"** Nominal Flow : **66m³/hr** **2900 rpm**



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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 4" x 4"** Nominal Flow : **66m³/hr** **2900 rpm**

Power		Pump Model*	lpm	333.6	667.2	1000.8	1334.4	1417.8
kW	HP		m³/hr	20	40	60	80	85
4	5.5	TV-RCT 66/01A	Head in Meters	21	19	15	9	6
5.5	7.5	TV-RCT 66/01		30	26	23	17	15
7.5	10	TV-RCT 66/02AA		40	38	31	18	15
11	15	TV-RCT 66/02A		50	47	40	29	26
11	15	TV-RCT 66/02		59	54	47	38	35
15	20	TV-RCT 66/03AA		69	65	54	37	32
15	20	TV-RCT 66/03A		82	76	66	49	44
18.5	25	TV-RCT 66/03		88	81	71	57	53
18.5	25	TV-RCT 66/04AA		99	92	79	57	51
22	30	TV-RCT 66/04A		107	99	86	66	60
22	30	TV-RCT 66/04		118	109	95	75	69

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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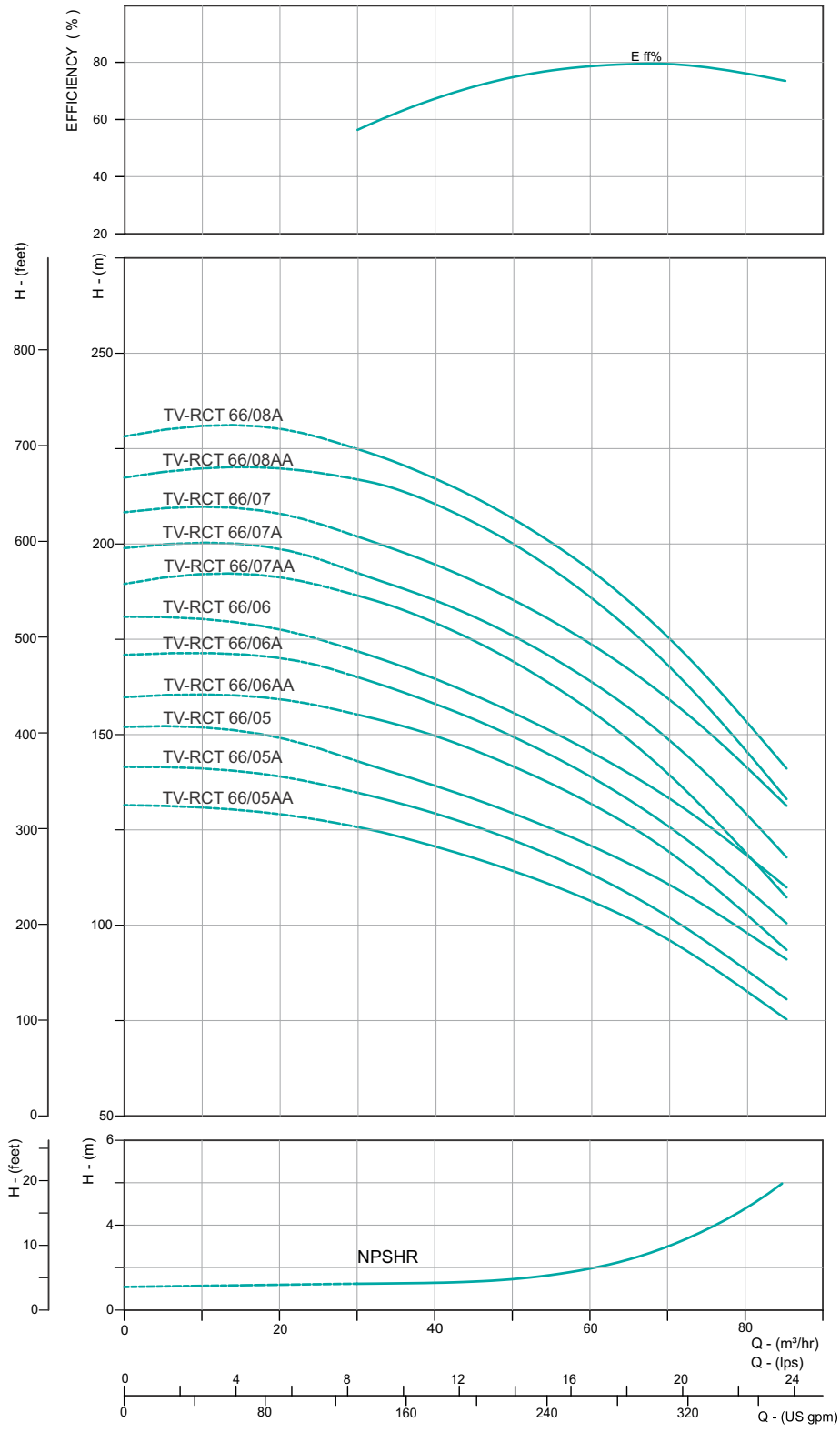
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 4" x 4"** Nominal Flow : **66m³/hr** **2900 rpm**



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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 4" x 4"** Nominal Flow : **66m³/hr** **2900 rpm**

Power		Pump Model*	lpm	333.6	667.2	1000.8	1334.4	1417.8
kW	HP		m³/hr	20	40	60	80	85
30	40	TV-RCT 66/05AA	Head in Meters	129	120	106	81	75
30	40	TV-RCT 66/05A		139	129	113	87	79
30	40	TV-RCT 66/05		148	137	121	98	90
30	40	TV-RCT 66/06AA		160	149	132	102	92
37	50	TV-RCT 66/06A		170	158	138	109	100
37	50	TV-RCT 66/06		178	165	144	117	109
37	50	TV-RCT 66/07AA		192	180	155	118	107
37	50	TV-RCT 66/07A		198	186	164	128	117
45	60	TV-RCT 66/07		208	194	173	141	131
45	60	TV-RCT 66/08AA		221	211	184	144	134
45	60	TV-RCT 66/08A		229	218	192	153	141

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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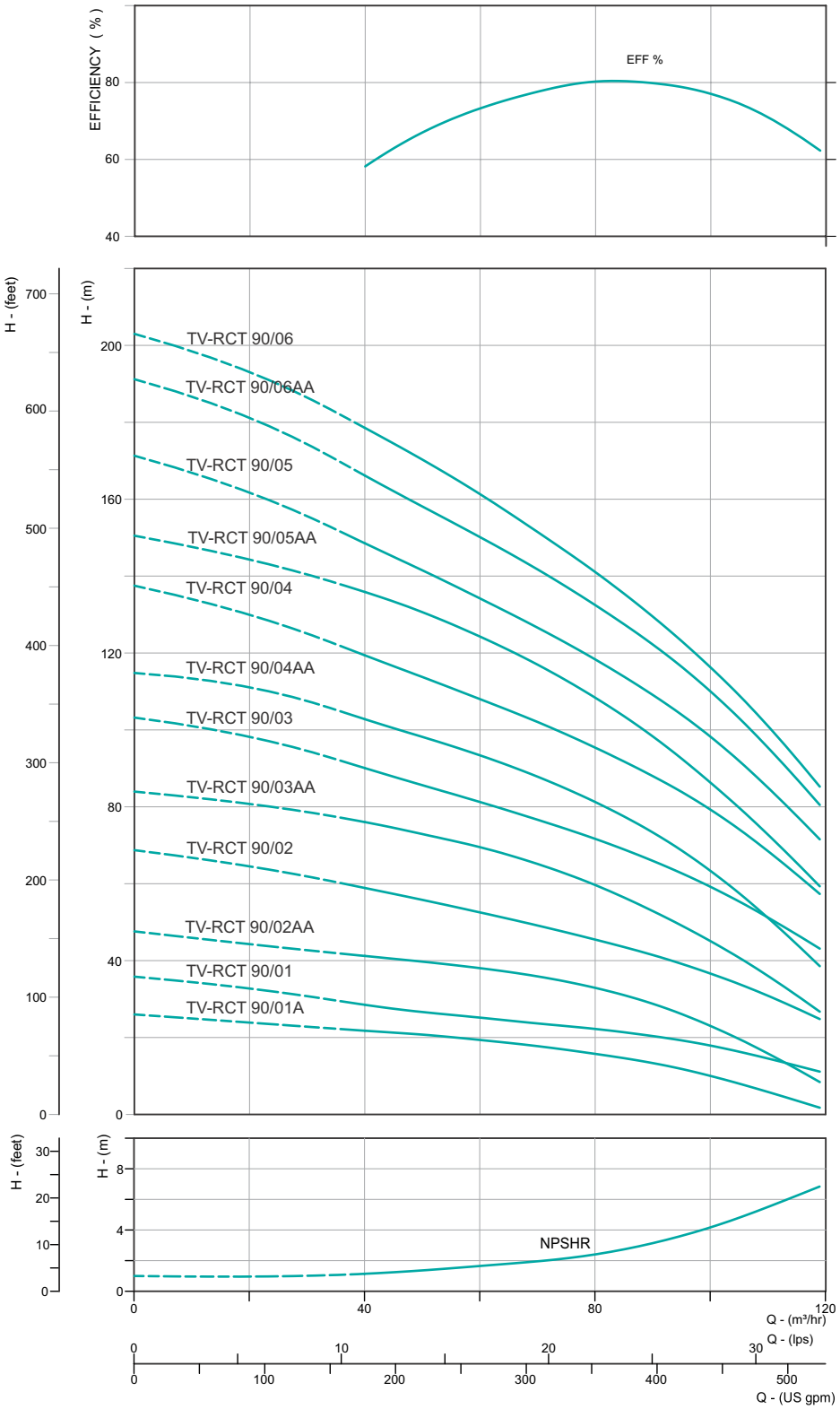
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 4" x 4"** Nominal Flow : **90m³/hr** **2900 rpm**



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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 4" x 4"** Nominal Flow : **90m³/hr** **2900 rpm**

Power		Pump Model*	lpm	333.6	667.2	1000.8	1334.4	1668	1834.8
kW	HP		m³/hr	20	40	60	80	100	110
5.5	7.5	TV-RCT 90/01A	Head in Meters	24	22	19	16	10	6
7.5	10	TV-RCT 90/01		33	28	25	23	18	15
11	15	TV-RCT 90/02AA		44	41	38	33	23	16
15	20	TV-RCT 90/02		65	59	53	46	37	31
18.5	25	TV-RCT 90/03AA		80	75	68	59	46	36
22	30	TV-RCT 90/03		99	90	80	72	59	51
30	40	TV-RCT 90/04AA		111	103	94	81	63	51
30	40	TV-RCT 90/04		131	119	108	95	80	69
37	50	TV-RCT 90/05AA		144	136	124	107	86	73
37	50	TV-RCT 90/05		162	148	133	117	97	85
45	60	TV-RCT 90/06AA		180	165	150	131	110	94
45	60	TV-RCT 90/06		192	179	161	141	116	101

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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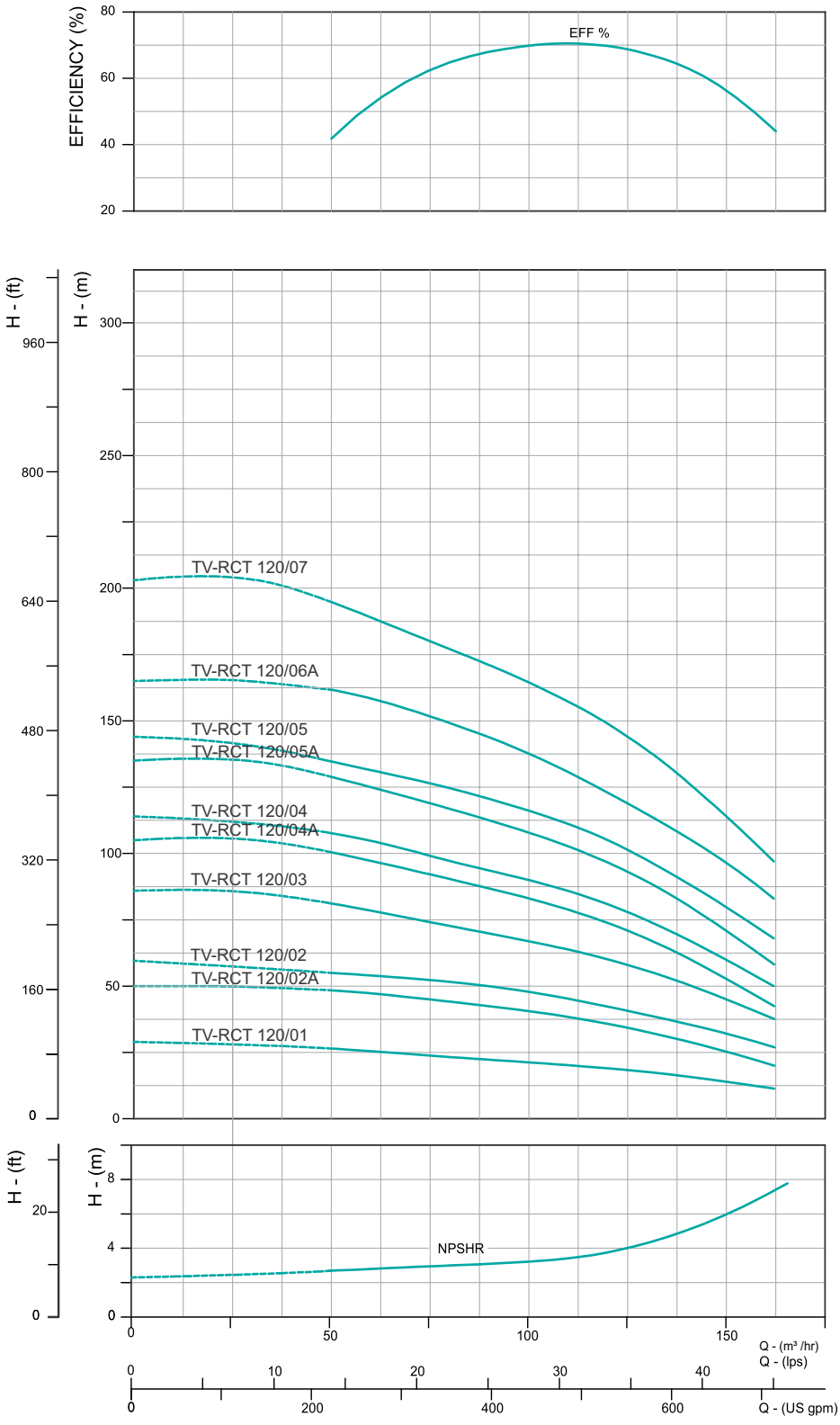
PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 5" x 5"** Nominal Flow : **120m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 5" x 5"** Nominal Flow : **120m³/hr** **2900 rpm**

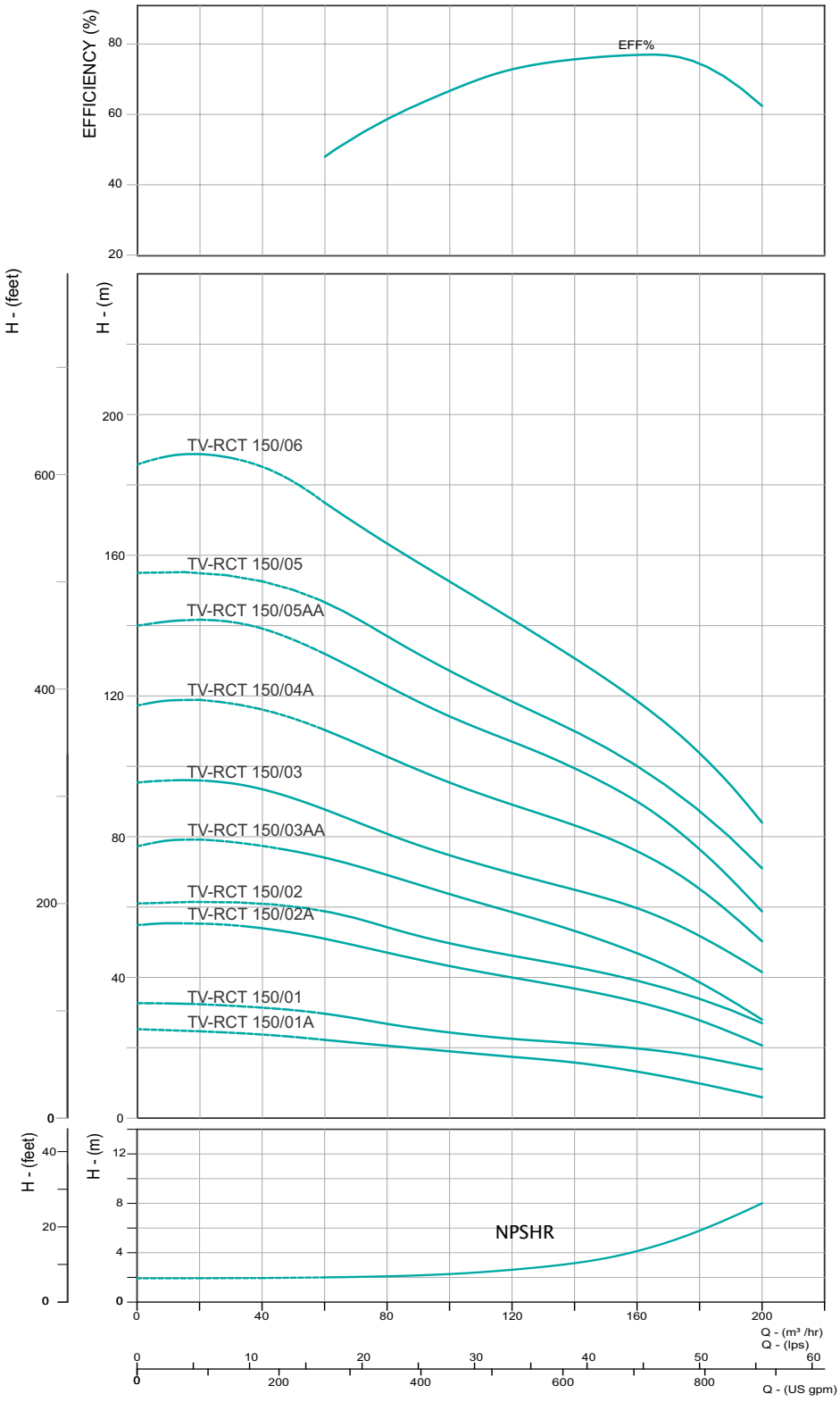
Power		Pump Model*	lps	0	333.3	666.6	1000	1333.3	2000	2333.3	2666.6
kW	HP		m³/hr	0	20	40	60	80	120	140	160
11	15	TV-RCT 120/01	Head in Meters	30	29	28	26	24	20	18	14
18.5	25	TV-RCT 120/02A		50	50	49	47	44	35	29	20
22	30	TV-RCT 120/02		59	58	56	54	51	42	36	28
30	40	TV-RCT 120/03		86	86	84	79	73	60	51	39
37	50	TV-RCT 120/04A		105	105	102	97	90	73	61	45
45	60	TV-RCT 120/04		114	112	110	105	97	81	68	52
45	60	TV-RCT 120/05A		135	136	132	125	117	96	81	60
55	75	TV-RCT 120/05		144	143	137	132	125	105	89	70
55	75	TV-RCT 120/06A		165	166	164	158	149	123	106	86
75	100	TV-RCT 120/07		203	205	200	190	178	148	128	100

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 5" x 5"** Nominal Flow : **150m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE DATA

Pipe Size : **TV-RC/S/N - 5" x 5"** Nominal Flow : **150m³/hr** **2900 rpm**

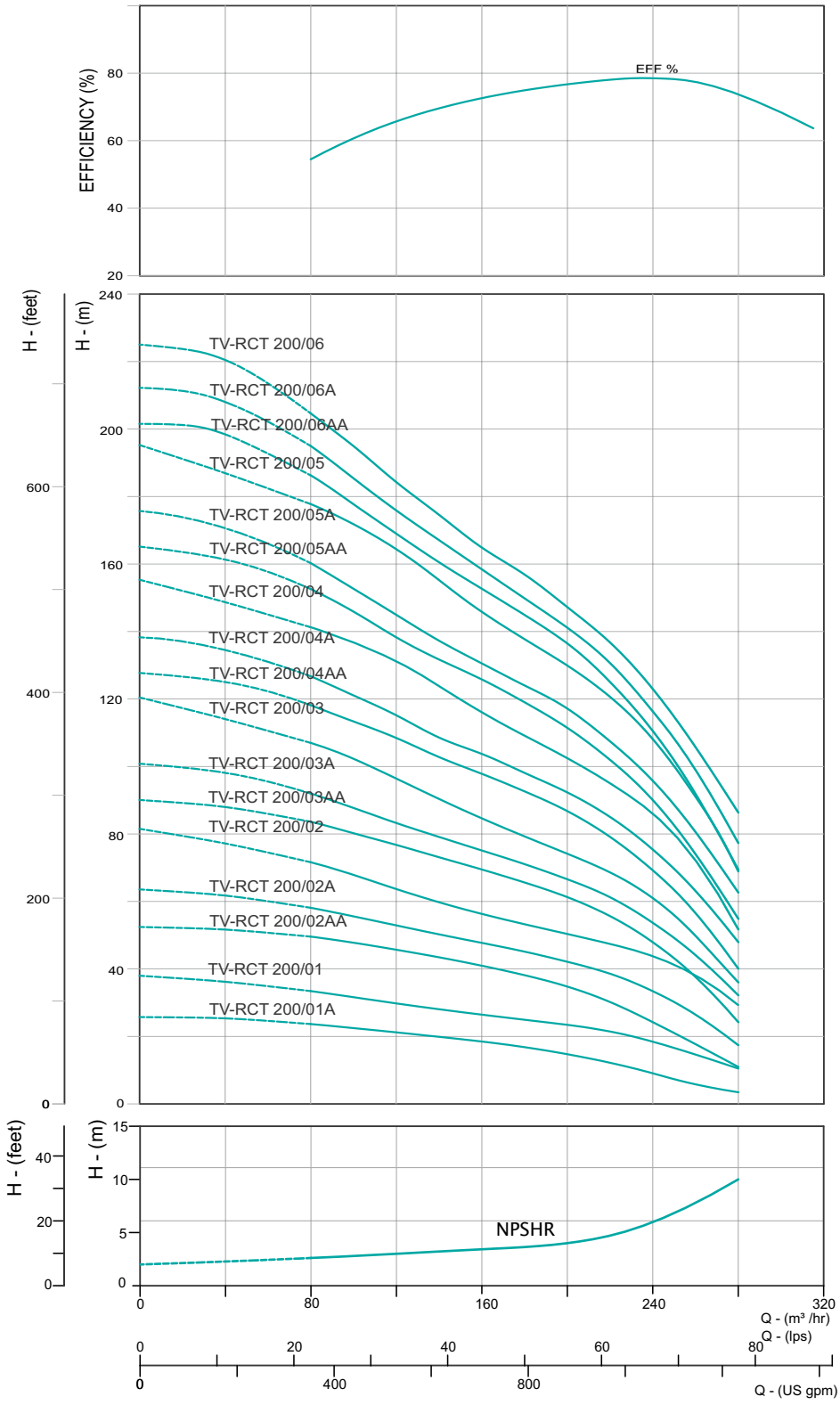
Power		Pump Model*	lps	0	13.88	22.24	33.36	44.48	55.6
kW	HP		m³/hr	0	50	80	120	160	200
11	15	TV-RCT 150/01A	Head in Meters	25	22	21	17	13	6
15	20	TV-RCT 150/01		33	30	27	23	20	15
22	30	TV-RCT 150/02A		55	52	47	40	33	21
30	40	TV-RCT 150/02		61	60	54	46	39	27
30	40	TV-RCT 150/03AA		77	75	69	59	47	28
37	50	TV-RCT 150/03		96	91	81	70	60	41
45	60	TV-RCT 150/04A		117	114	103	89	76	50
55	75	TV-RCT 150/05AA		140	136	123	107	90	60
75	100	TV-RCT 150/05		155	150	137	118	100	71
75	100	TV-RCT 150/06		186	180	165	142	119	84

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

The company reserves the right to modify the technical specification and illustrations without prior notice.

PERFORMANCE CURVES

Pipe Size : **TV-RC/S/N - 6" x 6"** Nominal Flow : **200m³/hr** **2900 rpm**



* Performance curve tolerance are as per HI: 14.6/ISO: 9906, GRADE 3B.
* The given performance is common to all types of materials of construction.
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PERFORMANCE DATA

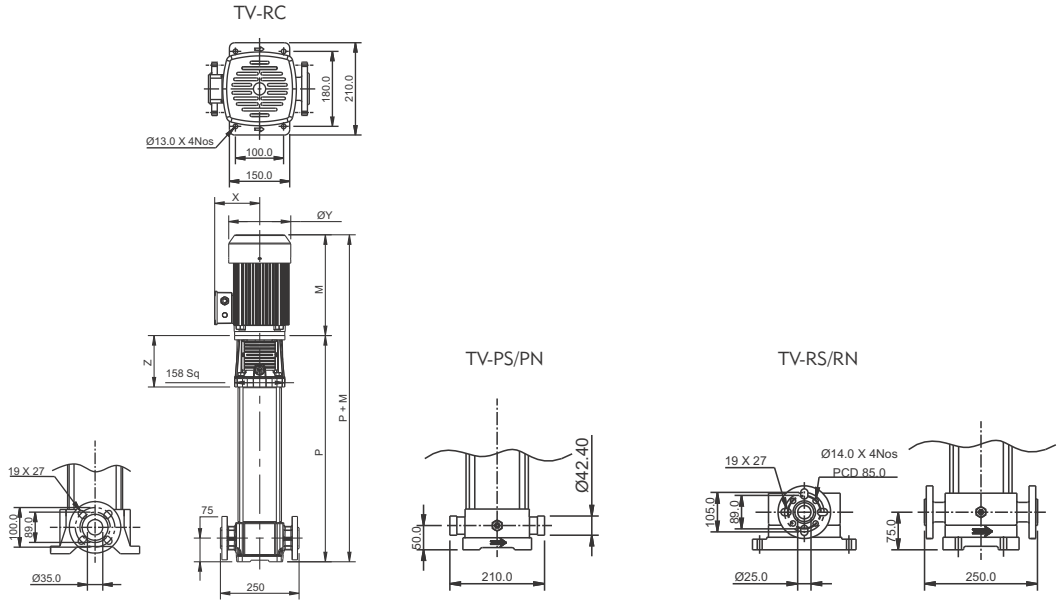
Pipe Size : **TV-RC/S/N - 6" x 6"** Nominal Flow : **200m³/hr** **2900 rpm**

Power		Pump Model*	lps	0	13.88	27.77	41.66	55.56	69.44	77.78
kW	HP		m³/hr	0	50	100	150	200	250	280
15	20	TV-RCT 200/01A	Head in Meters	26	25	23	19	15	7	4
22	30	TV-RCT 200/01		38	35	31	27	24	17	11
30	40	TV-RCT 200/02AA		53	51	48	42	34	21	11
37	50	TV-RCT 200/02A		64	60	55	49	42	30	18
45	60	TV-RCT 200/02		82	76	68	58	50	41	30
55	75	TV-RCT 200/03AA		90	87	80	71	61	43	24
55	75	TV-RCT 200/03A		101	88	88	76	66	49	33
75	100	TV-RCT 200/03		120	113	102	88	74	56	36
75	100	TV-RCT 200/04AA		127	124	113	100	86	64	40
75	100	TV-RCT 200/04A		138	121	121	106	92	70	48
75	100	TV-RCT 200/04		156	146	137	120	102	80	52
90	120	TV-RCT 200/05AA		165	146	146	129	111	83	55
90	120	TV-RCT 200/05A		175	153	153	134	118	89	63
90	120	TV-RCT 200/05		196	186	171	152	128	100	69
110	150	TV-RCT 200/06AA		201	196	178	156	136	101	70
110	150	TV-RCT 200/06A		212	186	186	163	141	109	78
110	150	TV-RCT 200/06		225	220	195	170	148	115	86

* A / AA Denotes abridged version.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

The company reserves the right to modify the technical specification and illustrations without prior notice.

DIMENSION DRAWING & DATA



Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **1m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)									Approx. Weight in kg					Motor Frame Size
			P			M		X		Y	Z	Pump			Motor		
kW	HP		TV-RC	TV-PS/PN	TV-RS/RN	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-PS/PN	TV-RS/RN	1Ph	3Ph	
0.37	0.5	TV-RCT 1/02	269	249	273	222	217	195	185	Ø140	145	14.45	9.25	10.85	10	9	71
0.37	0.5	TV-RCT 1/03	287	267	291	222	217	195	185	Ø140	145	15.05	9.85	11.45	10	9	71
0.37	0.5	TV-RCT 1/04	305	285	309	222	217	195	185	Ø140	145	15.68	10.48	12.08	10	9	71
0.37	0.5	TV-RCT 1/05	323	303	327	222	217	195	185	Ø140	145	16.30	11.10	12.70	10	9	71
0.37	0.5	TV-RCT 1/06	341	321	345	222	217	195	185	Ø140	145	16.93	11.73	13.33	10	9	71
0.37	0.5	TV-RCT 1/07	359	339	363	222	217	195	185	Ø140	145	17.55	12.35	13.95	10	9	71
0.55	0.75	TV-RCT 1/08	377	357	381	242	232	195	185	Ø140	145	18.18	12.98	14.58	11	10	71
0.55	0.75	TV-RCT 1/09	395	375	399	242	232	195	185	Ø140	145	18.80	13.60	15.20	11	10	71
0.55	0.75	TV-RCT 1/10	413	393	417	242	232	195	185	Ø140	145	19.43	14.23	15.83	11	10	71
0.5	0.75	TV-RCT 1/11	431	411	435	242	232	195	185	Ø140	145	20.05	14.85	16.45	11	10	71
0.75	1.0	TV-RCT 1/12	449	429	453	267	252	215	205	Ø160	145	20.68	15.48	17.08	12	11	80
0.75	1.0	TV-RCT 1/13	467	447	471	267	252	215	205	Ø160	145	21.30	16.10	17.70	12	11	80
0.75	1.0	TV-RCT 1/15	503	483	507	267	252	215	205	Ø160	145	22.55	17.35	18.95	12	11	80
1.1	1.5	TV-RCT 1/17	539	519	543	284	264	215	205	Ø160	145	23.80	18.60	20.20	16	15	90
1.1	1.5	TV-RCT 1/19	575	555	579	284	264	215	205	Ø160	145	25.05	19.85	21.45	16	15	90
1.1	1.5	TV-RCT 1/21	611	591	615	284	264	215	205	Ø160	145	26.30	21.10	22.70	16	15	90
1.1	1.5	TV-RCT 1/23	647	627	651	284	264	215	205	Ø160	145	27.55	22.35	23.95	16	15	90
1.5	2	TV-RCT 1/25	701	681	705	294	295	242	222	Ø187	163	29.00	23.80	25.40	20	20	90
1.5	2	TV-RCT 1/27	737	717	741	294	295	242	222	Ø187	163	30.25	25.05	26.65	20	20	90
1.5	2	TV-RCT 1/30	791	771	795	294	295	242	222	Ø187	163	32.15	26.95	28.55	20	20	90
2.2	3	TV-RCT 1/33	845	825	849	320	295	242	222	Ø187	163	34.05	28.85	30.45	21.5	20	90
2.2	3	TV-RCT 1/36	899	879	903	320	295	242	222	Ø187	163	35.95	30.75	32.35	21.5	20	90

* Face mounted motor (B14) - 0.37 to 7.5 kW
* The third digit of this pump model denotes the type of connection. Letter "R" stands for Round Flange and it will be replaced with "P" for the PJE connections.
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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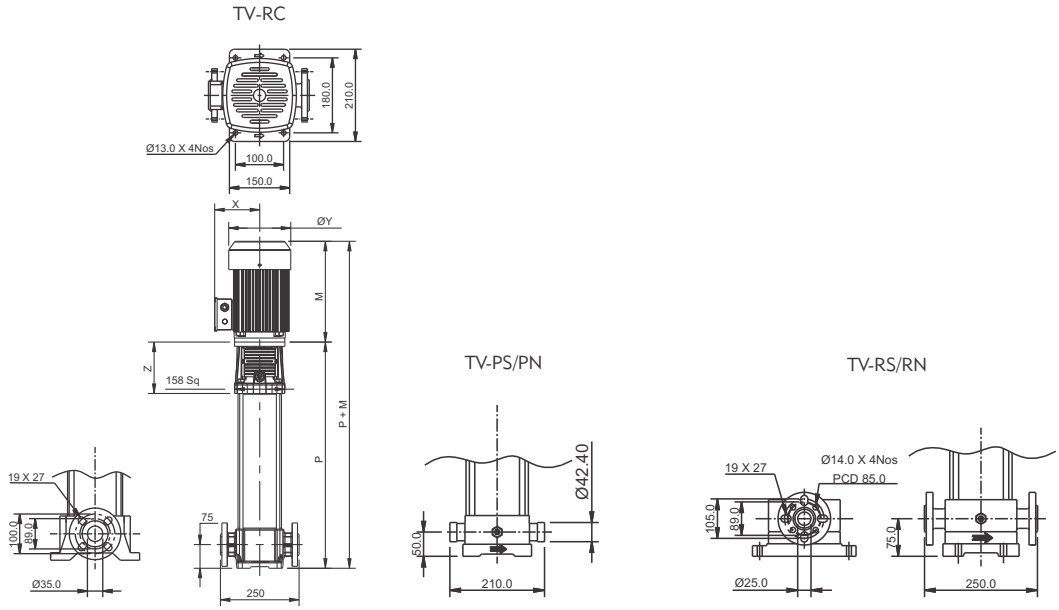
DIMENSION DRAWING & DATA



Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **2m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)									Approx. Weight in kg					Motor Frame Size
			P			M		X		Y	Z	Pump			Motor		
kW	HP		TV-RC	TV-PS/PN	TV-RS/RN	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-PS/PN	TV-RS/RN	1Ph	3Ph	
0.37	0.50	TV-RCT 2/02	269	249	273	222	217	195	185	Ø140	145	14.50	9.30	10.90	10	9	71
0.37	0.50	TV-RCT 2/03	287	267	291	222	217	195	185	Ø140	145	15.15	9.90	11.50	10	9	71
0.55	0.75	TV-RCT 2/04	305	285	309	242	232	195	185	Ø140	145	15.80	10.55	12.15	11	10	71
0.55	0.75	TV-RCT 2/05	323	303	327	242	232	195	185	Ø140	145	16.40	11.20	12.80	11	10	71
0.75	1.0	TV-RCT 2/06	341	321	345	267	252	215	205	Ø160	145	17.00	11.80	13.40	12	11	80
0.75	1.0	TV-RCT 2/07	359	339	363	267	252	215	205	Ø160	145	17.65	12.40	14.00	12	11	80
1.1	1.5	TV-RCT 2/09	395	375	399	284	264	215	205	Ø160	145	18.90	13.70	15.30	16	15	80
1.1	1.5	TV-RCT 2/11	431	411	435	284	264	215	205	Ø160	145	19.50	14.90	16.50	16	15	80
1.5	2.0	TV-RCT 2/13	485	465	489	294	295	242	222	Ø187	163	21.00	16.40	17.95	20	20	90
1.5	2.0	TV-RCT 2/15	521	501	525	294	295	242	222	Ø187	163	22.20	17.60	19.20	20	20	90
2.2	3.0	TV-RCT 2/18	575	555	579	320	295	242	222	205SQ	163	24.10	19.50	21.10	21.50	20	90
2.2	3.0	TV-RCT 2/22	647	627	651	320	295	242	222	205SQ	163	26.60	22.00	23.60	21.50	20	90
3.0	4.0	TV-RCT 2/26	719	699	723	340	320	242	222	205SQ	163	29.10	24.50	26.10	23	21.5	100

* Face mounted motor (B14) - 0.37 to 7.5 kW
* The third digit of this pump model denotes the type of connection. Letter "R" stands for Round Flange and it will be replaced with "P" for the PJE connections.
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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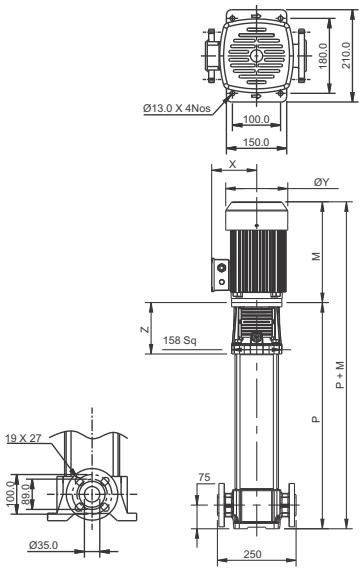
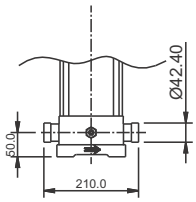
DIMENSION DRAWING & DATA

TVC (ROUND FLANGE)

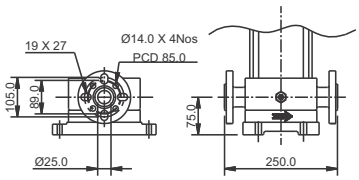
TV-RC



TV-PS/PN



TV-RS/RN



Pipe Size : **TV-RC - 1¼" x 1¼"**
TV-RS/RN - 1" x 1"

Nominal Flow : **3m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)									Approx. Weight in kg					Motor Frame Size
			P			M		X		Y	Z	Pump			Motor		
kW	HP		TV-RC	TV-PS/PN	TV-RS/RN	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-PS/PN	TV-RS/RN	1Ph	3Ph	
0.37	0.5	TV-RCT 3/02	269	249	273	222	217	195	185	Ø140	145	14.45	9.25	10.85	10.0	9.0	71
0.37	0.5	TV-RCT 3/03	287	267	291	222	217	195	185	Ø140	145	15.05	9.85	11.45	10.0	9.0	71
0.37	0.5	TV-RCT 3/04	305	285	309	222	217	195	185	Ø140	145	15.68	10.48	12.08	10.0	9.0	71
0.37	0.5	TV-RCT 3/05	323	303	327	222	217	195	185	Ø140	145	16.30	11.10	12.70	10.0	9.0	71
0.55	0.75	TV-RCT 3/06	341	321	345	242	232	195	185	Ø140	145	16.93	11.73	13.33	11.0	10.0	71
0.55	0.75	TV-RCT 3/07	359	339	363	242	232	195	185	Ø140	145	17.55	12.35	13.95	11.0	10.0	71
0.75	1.0	TV-RCT 3/08	377	357	381	267	252	215	205	Ø160	145	18.18	12.98	14.58	12.0	11.0	80
0.75	1.0	TV-RCT 3/09	395	375	399	267	252	215	205	Ø160	145	18.80	13.60	15.20	12.0	11.0	80
0.75	1.0	TV-RCT 3/10	413	393	417	267	252	215	205	Ø160	145	19.43	14.23	15.83	12.0	11.0	80
1.1	1.5	TV-RCT 3/11	431	411	435	284	264	215	205	Ø160	145	20.05	14.85	16.45	16.0	15.0	80
1.1	1.5	TV-RCT 3/12	449	429	453	284	264	215	205	Ø160	145	20.68	15.48	17.08	16.0	15.0	80
1.1	1.5	TV-RCT 3/13	467	447	471	284	264	215	205	Ø160	145	21.30	16.10	17.70	16.0	15.0	80
1.1	1.5	TV-RCT 3/15	503	483	507	284	264	215	205	Ø160	145	22.55	17.35	18.95	16.0	15.0	80
1.5	2.0	TV-RCT 3/17	557	537	561	294	295	242	222	Ø187	163	24.00	18.80	20.40	20.0	20.0	90
1.5	2.0	TV-RCT 3/19	593	573	597	294	295	242	222	Ø187	163	25.25	20.25	21.85	21.50	20.0	90
2.2	3.0	TV-RCT 3/21	629	609	633	320	295	242	222	Ø187	163	26.50	21.70	23.30	21.50	20.0	90
2.2	3.0	TV-RCT 3/23	665	645	669	320	295	242	222	Ø187	163	27.75	23.15	24.75	21.50	20.0	90
2.2	3.0	TV-RCT 3/25	701	681	705	320	295	242	222	Ø187	163	29.00	24.60	26.20	21.50	20.0	90
2.2	3.0	TV-RCT 3/27	737	717	741	320	295	242	222	Ø187	163	30.25	26.05	27.65	21.50	20.0	90
2.2	3.0	TV-RCT 3/29	773	753	777	320	295	242	222	Ø187	163	31.50	27.50	29.10	21.50	20.0	90
3.0	4.0	TV-RCT 3/31	809	789	813	340	320	242	222	Ø187	163	32.75	28.75	30.35	23.00	21.50	100
3.0	4.0	TV-RCT 3/33	845	825	849	340	320	242	222	Ø187	163	34.05	30.05	31.65	23.00	21.50	100
3.0	4.0	TV-RCT 3/36	899	879	903	340	320	242	222	Ø187	163	35.95	31.95	33.55	23.00	21.50	100

* Face mounted motor (B14) - 0.37 to 7.5 kW
* The third digit of this pump model denotes the type of connection. Letter "R" stands for Round Flange and it will be replaced with "P" for the PJE connections.
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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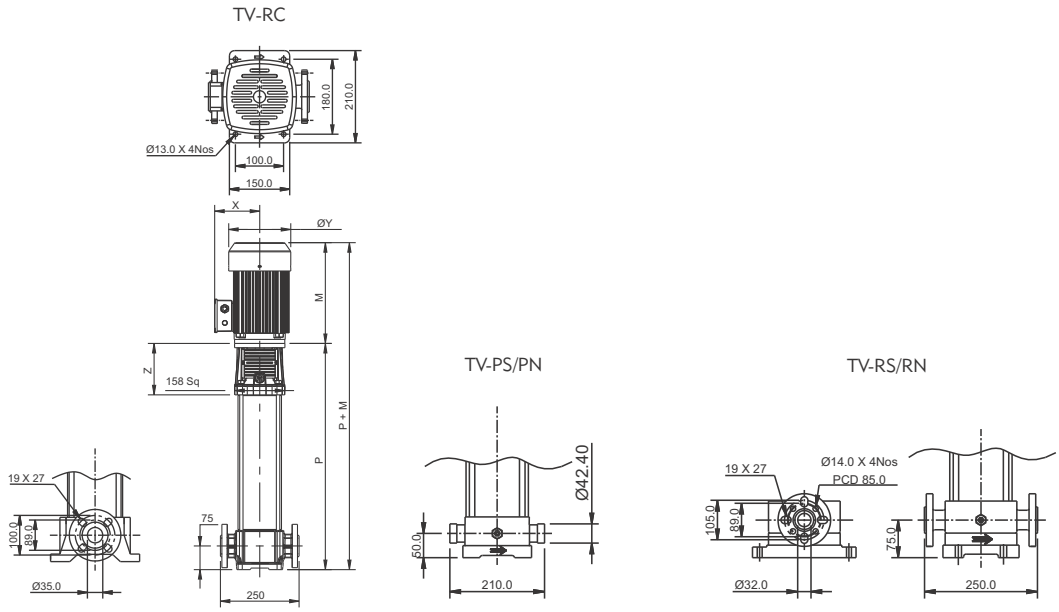
DIMENSION DRAWING & DATA

TVC (ROUND FLANGE)



Pipe Size : **TV-RC/S/N - 1¼" x 1¼"**

Nominal Flow : **4m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)									Approx. Weight in kg					Motor Frame Size
			P			M		X		Y	Z	Pump			Motor		
kW	HP		TV-RC	TV-PS/PN	TV-RS/RN	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-PS/PN	TV-RS/RN	1Ph	3Ph	
0.37	0.50	TV-RCT 4/01	287	267	291	222	217	195	185	Ø140	145	15.25	10.05	11.65	10	9	71
0.37	0.50	TV-RCT 4/02	287	294	318	222	217	195	185	Ø140	145	16.15	10.95	12.55	10	9	71
0.55	0.75	TV-RCT 4/03	314	321	345	242	232	195	185	Ø140	145	17.05	11.85	13.45	11	10	71
0.75	1.0	TV-RCT 4/04	341	348	372	267	252	215	205	Ø160	145	17.95	12.75	14.35	12	11	80
1.1	1.5	TV-RCT 4/05	368	375	399	284	264	215	205	Ø160	145	18.85	13.65	15.25	16	15	80
1.1	1.5	TV-RCT 4/06	395	402	426	284	264	215	205	Ø160	163	19.75	14.55	16.15	16	15	80
1.5	2.0	TV-RCT 4/07	440	447	471	295	295	242	222	Ø187	163	20.90	15.65	17.05	20	20	90
1.5	2.0	TV-RCT 4/08	467	474	498	295	295	242	222	Ø187	163	21.80	16.55	17.95	20	20	90
2.2	3.0	TV-RCT 4/10	521	528	552	320	295	242	222	205SQ	163	23.60	18.35	19.75	21.5	20	90
2.2	3.0	TV-RCT 4/12	575	582	606	320	295	242	222	205SQ	163	25.40	20.15	21.55	21.5	20	90
3	4.0	TV-RCT 4/14	629	636	660	340	320	242	222	205SQ	163	27.20	21.95	23.35	23	21.50	100
3	4.0	TV-RCT 4/16	683	690	714	340	320	242	222	205SQ	163	29.00	23.75	25.15	23	21.50	100
4	5.5	TV-RCT 4/19	764	771	795	-	340	-	222	224SQ	163	31.70	26.45	27.85	-	26	100
4	5.5	TV-RCT 4/22	845	852	876	-	340	-	222	224SQ	163	34.40	29.15	30.55	-	26	100

* Face mounted motor (B14) - 0.37 to 7.5 kW
* The third digit of this pump model denotes the type of connection. Letter "R" stands for Round Flange and it will be replaced with "P" for the PJE connections.
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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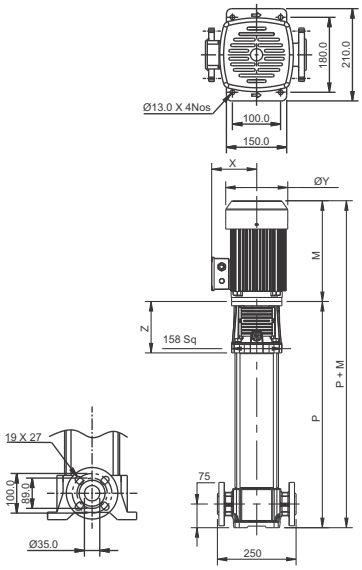
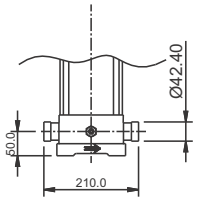
DIMENSION DRAWING & DATA

TVC (ROUND FLANGE)

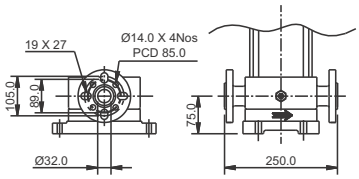
TV-RC



TV-PS/PN



TV-RS/RN



Pipe Size : **TV-RC/S/N - 1¼" x 1¼"**

Nominal Flow : **5m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)									Approx. Weight in kg					Motor Frame Size
			P			M		X		Y	Z	Pump			Motor		
kW	HP		TV-RC	TV-PS/ PN	TV-RS/ RN	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-PS/ PN	TV-RS/ RN	1Ph	3Ph	
0.37	0.5	TV-RCT 5/02	287	267	291	222	217	195	185	Ø140	145	16.10	10.90	12.50	10.0	9.0	71
0.55	0.75	TV-RCT 5/03	314	294	318	242	232	195	185	Ø140	145	17.00	11.80	13.40	11.0	10.0	71
0.55	0.75	TV-RCT 5/04	341	321	345	242	232	195	185	Ø140	145	17.90	12.70	14.30	11.0	10.0	71
0.75	1.0	TV-RCT 5/05	368	348	372	267	252	215	205	Ø160	145	18.80	13.60	15.20	12.0	11.0	80
1.1	1.5	TV-RCT 5/06	395	375	399	284	264	215	205	Ø160	145	19.70	14.50	16.10	16.0	15.0	80
1.1	1.5	TV-RCT 5/07	422	402	426	284	264	215	205	Ø160	145	20.60	15.40	17.00	16.0	15.0	80
1.1	1.5	TV-RCT 5/08	449	429	453	284	264	215	205	Ø160	145	21.50	16.30	17.90	16.0	15.0	80
1.5	2.0	TV-RCT 5/09	494	474	498	294	295	242	222	Ø187	163	22.60	17.40	19.00	20.0	20.0	90
1.5	2.0	TV-RCT 5/10	521	501	525	294	295	242	222	Ø187	163	23.50	18.30	19.90	20.0	20.0	90
2.2	3.0	TV-RCT 5/11	548	528	552	320	295	242	222	Ø187	163	24.40	19.20	20.80	21.50	20.0	90
2.2	3.0	TV-RCT 5/12	575	555	579	320	295	242	222	Ø187	163	25.30	20.10	21.70	21.50	20.0	90
2.2	3.0	TV-RCT 5/13	602	582	606	320	295	242	222	Ø187	163	26.20	21.00	22.60	21.50	20.0	90
2.2	3.0	TV-RCT 5/14	629	609	633	320	295	242	222	Ø187	163	27.10	21.90	23.50	21.50	20.0	90
2.2	3.0	TV-RCT 5/15	656	636	660	320	295	242	222	Ø187	163	28.00	22.80	24.40	21.50	20.0	90
2.2	3.0	TV-RCT 5/16	683	663	687	320	295	242	222	Ø187	163	28.90	23.70	25.30	21.50	20.0	90
3.0	4.0	TV-RCT 5/18	737	717	741	340	295	242	222	Ø187	163	30.70	25.50	27.10	23.0	21.50	100
3.0	4.0	TV-RCT 5/20	791	771	795	340	320	242	222	Ø187	163	32.50	27.30	28.90	23.0	21.50	100
4.0	5.5	TV-RCT 5/22	845	825	849	-	320	242	222	Ø187	163	34.30	29.10	30.70	-	26.0	100
4.0	5.5	TV-RCT 5/24	899	879	903	-	340	-	222	Ø187	163	36.10	30.90	32.50	-	26.0	100
4.0	5.5	TV-RCT 5/26	953	933	957	-	340	-	222	Ø187	163	37.90	32.70	34.30	-	26.0	100
4.0	5.5	TV-RCT 5/29	1034	1014	1038	-	340	-	222	Ø187	163	40.60	35.40	37.00	-	26.0	100
5.5	7.5	TV-RCT 5/32	1149	1129	1153	-	385	-	190	Ø254	197	43.60	38.40	40.00	-	70.50	132S
5.5	7.5	TV-RCT 5/36	1257	1237	1261	-	385	-	190	Ø254	197	47.20	42.00	43.60	-	70.50	132S

* Face mounted motor (B14) - 0.37 to 7.5 kW
* The third digit of this pump model denotes the type of connection. Letter "R" stands for Round Flange and it will be replaced with "P" for the PJE connections.
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V.
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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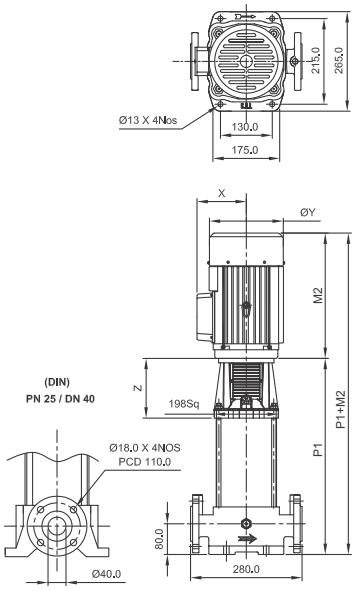
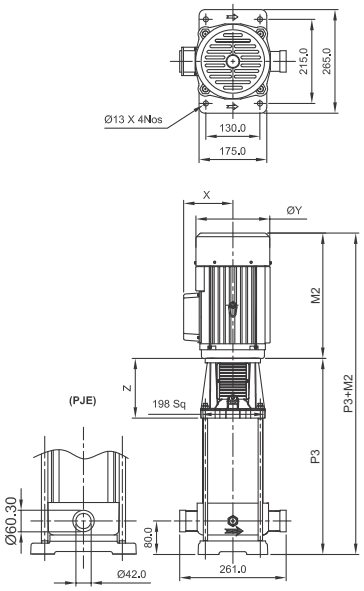
DIMENSION DRAWING & DATA

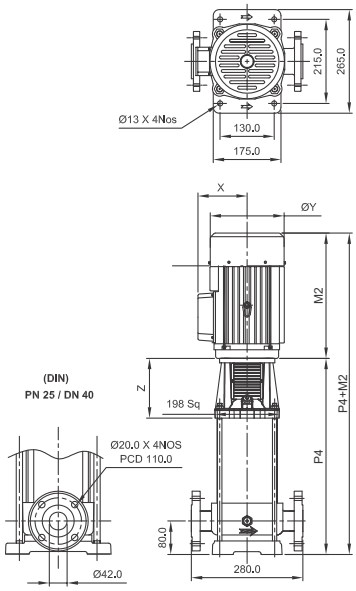
TV-RC



TV-PS/PN



TV-RS/RN



Pipe Size : **TV-RC/S/N - 1½" x 1½"**

Nominal Flow : **10m³/hr**

Power		Pump Model*	Dimensions in mm (Approx)									Approx Nett Weight Without Packing in kg					Motor Frame Size
				M2				X				Pump			Motor		
kW	HP		P1	1Ph	3Ph	P3	P4	1Ph	3Ph	ØY	Z	TV-RC	TV-PS/ PN	TV-RS/ RN	1Ph	3Ph	
0.37	0.5	TV-RCT 10/01	308	222	217	312	312	132.5	118.5	138	173	32.5	27.5	28.5	9.0	8.0	71
0.75	1	TV-RCT 10/02	338	267	252	342	342	147	116	138	173	33.5	28.5	29.5	12.0	14.0	80
1.1	1.5	TV-RCT 10/03	368	284	265	372	372	141	120	160	173	34.5	29.5	30.5	13.5	13.0	80
1.5	2	TV-RCT 10/04	413	280	292	417	417	144	131	176	187	35.5	30.5	31.5	16.5	15.0	90
2.2	3	TV-RCT 10/05	443	315	311	447	447	144	131	176	187	36.5	31.5	32.5	20.0	17.5	90
2.2	3	TV-RCT 10/06	473	315	311	477	477	144	131	176	187	37.5	32.5	33.5	20.0	17.5	90
3	4	TV-RCT 10/07	506	-	324	510	510	-	144	197	190	38.5	33.5	34.5	-	24.5	100
3	4	TV-RCT 10/08	536	-	324	540	540	-	144	197	190	39.5	34.5	35.5	-	24.5	100
3	4	TV-RCT 10/09	566	-	324	570	570	-	144	197	190	40.5	35.5	36.5	-	24.5	100
4	5.5	TV-RCT 10/10	596	-	350	600	600	-	135	187	190	41.5	36.5	37.5	-	27.5	100
4	5.5	TV-RCT 10/12	656	-	350	660	660	-	135	187	190	43.5	38.5	39.5	-	27.5	100
5.5	7.5	TV-RCT 10/14	742	-	385	746	746	-	205	257	216	49.5	44.5	45.5	-	49.0	132S
5.5	7.5	TV-RCT 10/16	802	-	385	806	806	-	205	257	216	51.5	46.5	47.5	-	49.0	132S
7.5	10	TV-RCT 10/18	862	-	424	866	866	-	205	257	216	53.5	48.5	49.5	-	50.5	132L
7.5	10	TV-RCT 10/20	922	-	424	926	926	-	205	257	216	55.5	50.5	51.5	-	50.5	132L
7.5	10	TV-RCT 10/22	982	-	424	986	986	-	205	257	216	57.5	52.5	53.5	-	50.5	132L

* Face mounted motor (B14) - 0.37 to 7.5 kW
* The third digit of this pump model denotes the type of connection. Letter "R" stands for Round Flange and it will be replaced with "P" for the PJE connections.
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V & replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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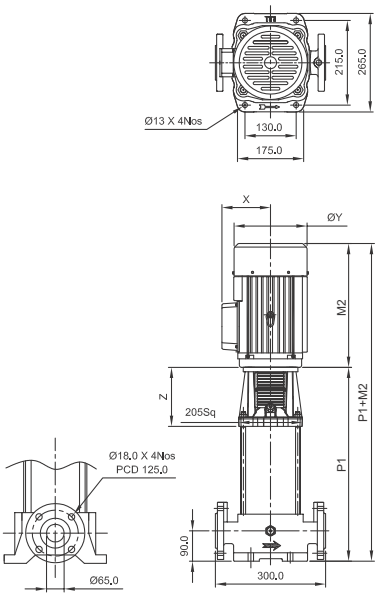
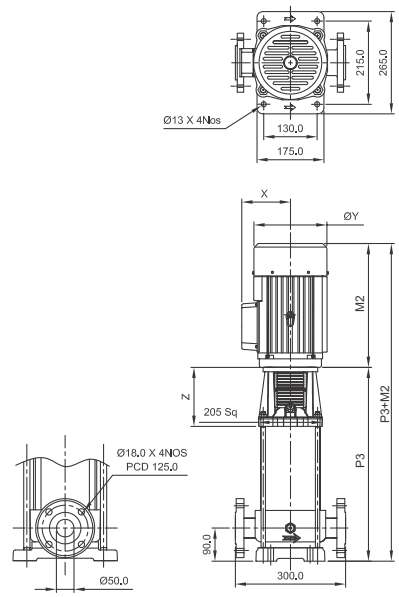
DIMENSION DRAWING & DATA

TV-RC



TV-RS/RN



Pipe Size : **TV-RC/S/N - 2" x 2"**

Nominal Flow : **15m³/hr**

Power		Pump Model*	Dimensions in mm (Approx)								Approx Nett Weight Without Packing in kg				Motor Frame Size
			P1	P3	M2		X		ØY	Z	Pump		Motor		
kW	HP		TV-RC	TV-RS/RN	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-RS/RN	1Ph	3Ph	
1.1	1.5	TV-RCT 15/01	348	343	284	265	141	120	160	173	38	33	13.5	13	80
2.2	3	TV-RCT 15/02	407	402	315	311	144	131	170	187	39	34	20	17.5	90
3	4	TV-RCT 15/03	455	450	-	324	-	144	197	190	40	35	-	24.5	100
4	5.5	TV-RCT 15/04	500	495	-	350	-	162	187	190	41	36	-	27.5	100
4	5.5	TV-RCT 15/05	545	540	-	350	-	162	187	190	42	37	-	27.5	100
5.5	7.5	TV-RCT 15/06	616	611	-	385	-	205	257	216	46	41	-	49	132S
5.5	7.5	TV-RCT 15/07	661	656	-	385	-	205	257	216	47	42	-	49	132S
7.5	10	TV-RCT 15/08	706	701	-	424	-	205	257	216	48	43	-	50.5	132L
7.5	10	TV-RCT 15/09	751	746	-	424	-	205	257	216	49	44	-	50.5	132L
11	15	TV-RCT 15/10	885	880	-	500.5	-	261	314	305	68	63	-	107	160M
11	15	TV-RCT 15/12	975	970	-	500.5	-	261	314	305	70	65	-	107	160M
11	15	TV-RCT 15/14	1065	1060	-	500.5	-	261	314	305	72	67	-	107	160M
15	20	TV-RCT 15/17	1200	1195	-	500.5	-	261	314	305	75	70	-	117	160M

* Face mounted motor (B14) - 0.37 to 7.5 kW, Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V & replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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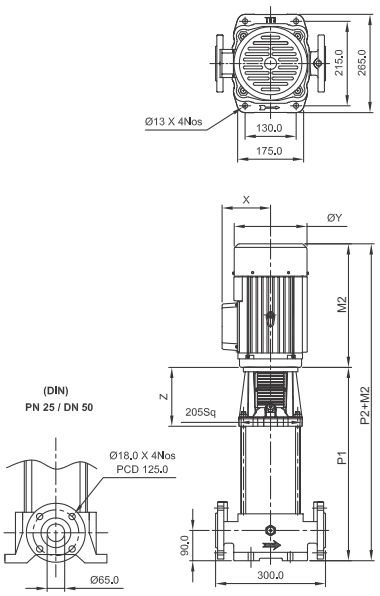
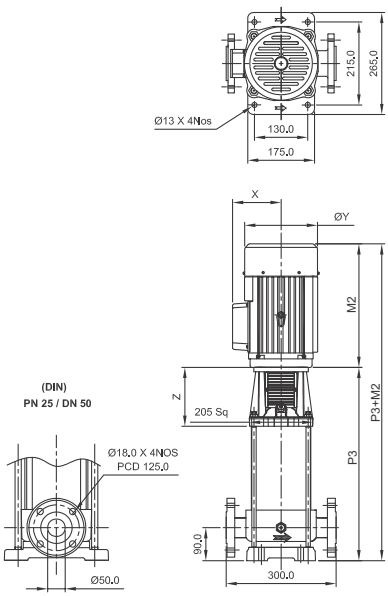
DIMENSION DRAWING & DATA

TV-RC



TV-RS/RN



Pipe Size : **TV-RC/S/N - 2" x 2"**

Nominal Flow : **20m³/hr**

Power		Pump Model*	Dimensions in mm (Approx)								Approx Nett Weight Without Packing in kg				Motor Frame Size
			P1	P3	M2		X		ØY	Z	Pump		Motor		
kW	HP		TV-RC	TV-RS/RN	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-RS/RN	1Ph	3Ph	
1.1	1.5	TV-RCT 20/01	348	343	284	265	141	120	160	173	38	33	13.5	13	80
2.2	3	TV-RCT 20/02	407	402	315	311	144	131	176	187	39	34	20	17.5	90
4	5.5	TV-RCT 20/03	455	447	-	350	-	135	187	190	40	35	-	27.5	100
5.5	7.5	TV-RCT 20/04	529	521	-	385	-	205	257	216	45	40	-	49	132S
5.5	7.5	TV-RCT 20/05	574	566	-	385	-	205	257	216	46	41	-	49	132S
7.5	10	TV-RCT 20/06	619	611	-	424	-	205	257	216	47	42	-	50.5	132L
7.5	10	TV-RCT 20/07	664	656	-	424	-	205	257	216	48	43	-	50.5	132L
11	15	TV-RCT 20/08	798	790	-	500.5	-	261	314	305	67	62	-	107	160M
11	15	TV-RCT 20/10	932	924	-	500.5	-	261	314	305	69	64	-	107	160M
15	20	TV-RCT 20/12	1066	1058	-	500.5	-	261	314	305	71	66	-	117	160M
15	20	TV-RCT 20/14	1200	1192	-	500.5	-	261	314	305	73	68	-	117	160M
18.5	25	TV-RCT 20/17	1334	1326	-	500.5	-	261	314	305	76	71	-	134	160L

* Face mounted motor (B14) - 0.37 to 7.5 kW, Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V & replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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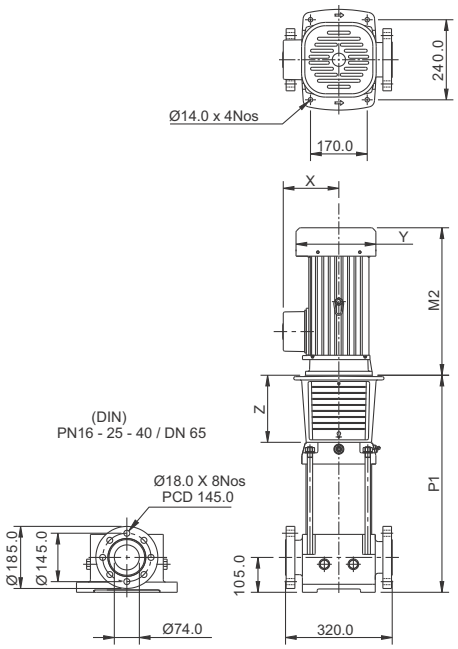
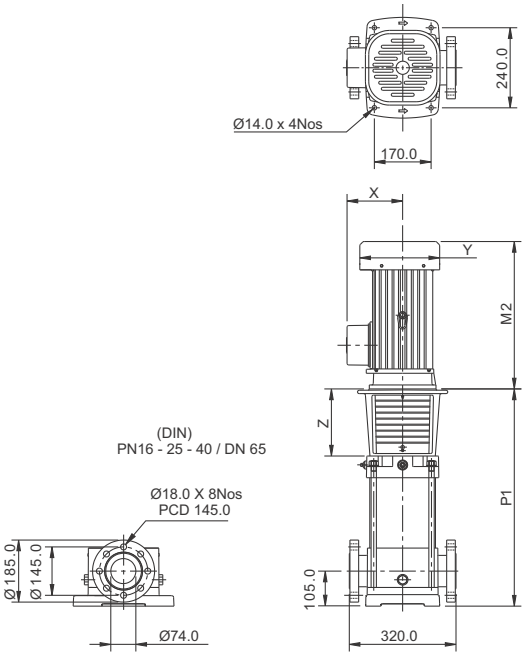
DIMENSION DRAWING & DATA

TV-RC



TV-RS/RN



Pipe Size : **TV-RC/S/N - 2½" x 2½"**

Nominal Flow : **32m³/hr**

Power		Pump Model*	Dimensions in mm (Approx)							Approx Nett Weight without Packing in kg				Motor Frame Size
				M2		X		ØY	Z	Pump		Motor		
kW	HP		P1	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-PS/PN	1Ph	3Ph	
1.5	2	TV-RCT 32/01A	510	294	295	128	128	187	201	59	64	16.5	15	90
2.2	3	TV-RCT 32/01	510	320	305	136	136	187	201	59	64	20	17.5	90
3	4	TV-RCT 32/02AA	580	-	320	-	136	187	201	62	67	-	24.5	100
4	5.5	TV-RCT 32/02A	580	-	354	-	136	187	201	62	67	-	27.5	100
4	5.5	TV-RCT 32/02	580	-	354	-	136	187	201	62	67	-	27.5	100
5.5	7.5	TV-RCT 32/03AA	650	-	385	-	204	257	201	64	69	-	49	132S
5.5	7.5	TV-RCT 32/03	650	-	385	-	204	257	201	64	69	-	48	132S
7.5	10	TV-RCT 32/04AA	720	-	424	-	204	257	201	67	72	-	50.5	132L
7.5	10	TV-RCT 32/04	720	-	424	-	204	257	201	67	72	-	50.5	132L
11	15	TV-RCT 32/05AA	895	-	495	-	223	312	305	83	88	-	107	160M
11	15	TV-RCT 32/05	895	-	495	-	223	312	305	83	88	-	107	160M
11	15	TV-RCT 32/06AA	965	-	495	-	223	312	305	86	91	-	107	160M
11	15	TV-RCT 32/06	965	-	495	-	223	312	305	86	91	-	107	160M
15	20	TV-RCT 32/07AA	1035	-	495	-	223	312	305	89	94	-	117	160M
15	20	TV-RCT 32/07	1035	-	495	-	223	312	305	89	94	-	117	160M
15	20	TV-RCT 32/08AA	1105	-	495	-	223	312	305	92	97	-	117	160M
15	20	TV-RCT 32/08	1105	-	495	-	223	312	305	92	97	-	117	160M
18.5	25	TV-RCT 32/09AA	1175	-	495	-	223	312	305	95	100	-	134	160L
18.5	25	TV-RCT 32/09	1175	-	495	-	223	312	305	95	100	-	134	160L
18.5	25	TV-RCT 32/10AA	1245	-	495	-	223	312	305	98	103	-	134	160L
18.5	25	TV-RCT 32/10	1245	-	495	-	223	312	305	98	103	-	134	160L
22	30	TV-RCT 32/11AA	1315	-	630	-	271	SQ 340	305	101	106	-	180	180M
22	30	TV-RCT 32/11	1315	-	630	-	271	Sq340	305	101	106	-	180	180M
22	30	TV-RCT 32/12AA	1385	-	630	-	271	Sq340	305	104	109	-	180	180M
22	30	TV-RCT 32/12	1385	-	630	-	271	Sq340	305	104	109	-	180	180M
30	40	TV-RCT 32/13AA	1455	-	630	-	271	Sq340	305	108	113	-	242	200L
30	40	TV-RCT 32/13	1455	-	630	-	271	Sq340	305	108	113	-	242	200L
30	40	TV-RCT 32/14AA	1575	-	630	-	271	Sq340	305	111	116	-	242	200L
30	40	TV-RCT 32/14	1575	-	630	-	271	Sq340	305	111	116	-	242	200L

* Face mounted motor (B14) - 0.37 to 7.5 kW, Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "S" for 1phase 220V & replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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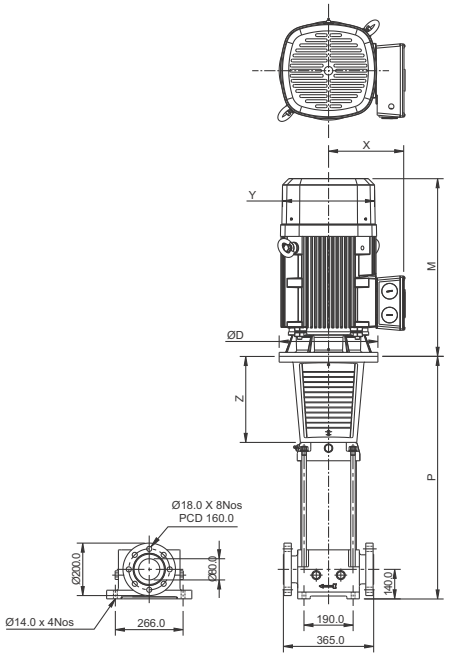
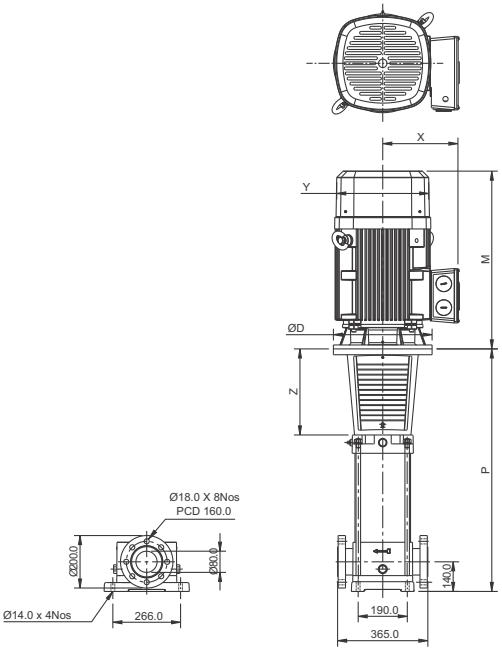
DIMENSION DRAWING & DATA

TV-RC



TV-RS/RN



Pipe Size : **TV-RC/S/N - 3" x 3"**

Nominal Flow : **44m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)								Approx. Weight in kg				Motor Frame Size
				M		X		Y (Ø)	Z	ØD	Pump		Motor		
kW	HP		P	1Ph	3Ph	1Ph	3Ph				TV-RC	TV-RS/RN	1Ph	3Ph	
3	4	TV-RCT 44/01A	564	340	320	-	128	185	201	270	65.00	62.00	23.00	21.50	100
4	5.5	TV-RCT 44/01	564	-	354	-	136	187	201	270	65.00	62.00	-	26.00	100
5.5	7.5	TV-RCT 44/02AA	644	-	385	-	204	257	201	270	69.00	66.00	-	41.30	132S
7.5	10	TV-RCT 44/02	644	-	424	-	204	257	201	270	69.00	66.00	-	47.60	132L
11	15	TV-RCT 44/03AA	828	-	495	-	223	312	305	350	86.00	83.00	-	110.00	160M
11	15	TV-RCT 44/03	828	-	495	-	223	312	305	350	86.00	83.00	-	110.00	160M
15	20	TV-RCT 44/04AA	908	-	495	-	223	312	305	350	90.00	87.00	-	120.20	160M
15	20	TV-RCT 44/04	908	-	495	-	223	312	305	350	90.00	87.00	-	120.20	160M
18.5	25	TV-RCT 44/05AA	988	-	495	-	223	312	305	350	94.00	91.00	-	131.50	160L
18.5	25	TV-RCT 44/05	988	-	495	-	223	312	305	350	94.00	91.00	-	131.50	160L
22	30	TV-RCT 44/06AA	1068	-	630	-	271	SQ340	305	350	99.00	96.00	-	172.00	180M
22	30	TV-RCT 44/06	1068	-	630	-	271	SQ340	305	350	99.00	96.00	-	172.00	180M
30	40	TV-RCT 44/07AA	1148	-	630	-	271	SQ340	305	400	107.00	104.00	-	188.00	200L
30	40	TV-RCT 44/07	1148	-	630	-	271	SQ340	305	400	107.00	104.00	-	188.00	200L
30	40	TV-RCT 44/08AA	1228	-	630	-	271	SQ340	305	400	111.00	108.00	-	188.00	200L
30	40	TV-RCT 44/08	1228	-	630	-	271	SQ340	305	400	111.00	108.00	-	188.00	200L
30	40	TV-RCT 44/09AA	1308	-	630	-	271	SQ340	305	400	115.00	112.00	-	188.00	200L
37	50	TV-RCT 44/09	1308	-	650	-	276	395	305	400	117.00	114.00	-	246.00	200L
37	50	TV-RCT 44/10AA	1388	-	650	-	276	395	305	400	121.00	118.00	-	246.00	200L
37	50	TV-RCT 44/10	1388	-	650	-	276	395	305	400	121.00	118.00	-	246.00	200L
45	60	TV-RCT 44/11AA	1468	-	695	-	297	435	305	450	125.00	122.00	-	365.00	225M
45	60	TV-RCT 44/11	1468	-	695	-	297	435	305	450	125.00	122.00	-	365.00	225M
45	60	TV-RCT 44/12AA	1548	-	695	-	297	435	305	450	129.00	126.00	-	365.00	225M
45	60	TV-RCT 44/12	1548	-	695	-	297	435	305	450	129.00	126.00	-	365.00	225M
45	60	TV-RCT 44/13AA	1628	-	695	-	297	435	305	450	133.00	130.00	-	365.00	225M

* Face mounted motor (B14) - 0.37 to 7.5 kW, Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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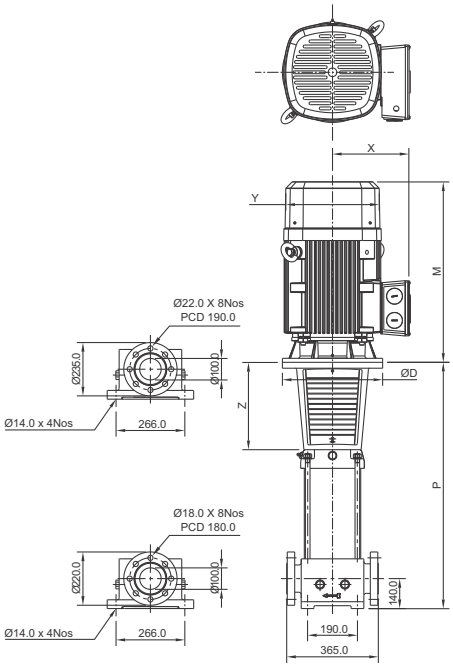
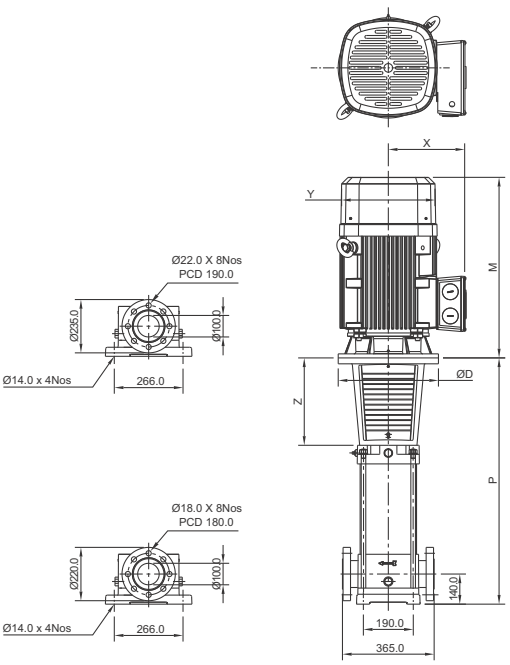
DIMENSION DRAWING & DATA

TV-RC



TV-RS/RN



Pipe Size : **TV-RC/S/N - 4" x 4"**

Nominal Flow : **66m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)							Approx. Weight in kg				Motor Frame Size
				M		X		Y (Ø)	Z	Pump		Motor		
kW	HP		P	1Ph	3Ph	1Ph	3Ph			TV-RC	TV-RS/RN	1Ph	3Ph	
4	5.5	TV-RCT 66/01A	564	-	354		136	187	201	72.00	69.00		26.00	100
5.5	7.5	TV-RCT 66/01	564	-	385	-	204	257	201	72.00	69.00	-	41.30	132S
7.5	10	TV-RCT 66/02AA	644	-	424	-	204	257	201	76.00	73.00	-	47.60	132L
11	15	TV-RCT 66/02A	644	-	495	-	223	312	305	89.00	86.00	-	110.00	160M
11	15	TV-RCT 66/02	644	-	495	-	223	312	305	89.00	86.00	-	110.00	160M
15	20	TV-RCT 66/03AA	828	-	495	-	223	312	305	93.00	90.00	-	120.20	160M
15	20	TV-RCT 66/03A	828	-	495	-	223	312	305	93.00	90.00	-	120.20	160M
18.5	25	TV-RCT 66/03	828	-	495	-	223	312	305	93.00	90.00	-	131.50	160L
18.5	25	TV-RCT 66/04AA	908	-	495	-	223	312	305	97.00	93.00	-	131.50	160L
22	30	TV-RCT 66/04A	908	-	630	-	271	SQ340	305	98.00	95.00	-	172.00	180M
22	30	TV-RCT 66/04	908	-	630	-	271	SQ340	305	98.00	95.00	-	172.00	180M
30	40	TV-RCT 66/05AA	988	-	630	-	271	SQ340	305	106.00	103.00	-	188.00	200L
30	40	TV-RCT 66/05A	988	-	630	-	271	SQ340	305	106.00	103.00	-	188.00	200L
30	40	TV-RCT 66/05	988	-	630	-	271	SQ340	305	106.00	103.00	-	188.00	200L
30	40	TV-RCT 66/06AA	1068	-	630	-	271	SQ340	305	110.00	107.00	-	188.00	200L
37	50	TV-RCT 66/06A	1068	-	650	-	276	395	305	112.00	109.00	-	246.00	200L
37	50	TV-RCT 66/06	1068	-	650	-	276	395	305	112.00	109.00	-	246.00	200L
37	50	TV-RCT 66/07AA	1148	-	650	-	276	395	305	116.00	113.00	-	246.00	200L
37	50	TV-RCT 66/07A	1148	-	650	-	276	395	305	116.00	113.00	-	246.00	200
45	60	TV-RCT 66/07	1148	-	695	-	297	435	305	116.00	113.00	-	365.00	225M
45	60	TV-RCT 66/08AA	1228	-	695	-	297	435	305	120.00	117.00	-	365.00	225M
45	60	TV-RCT 66/08A	1228	-	695	-	297	435	305	120.00	117.00	-	365.00	225M

* Face mounted motor (B14) - 0.37 to 7.5 kW, Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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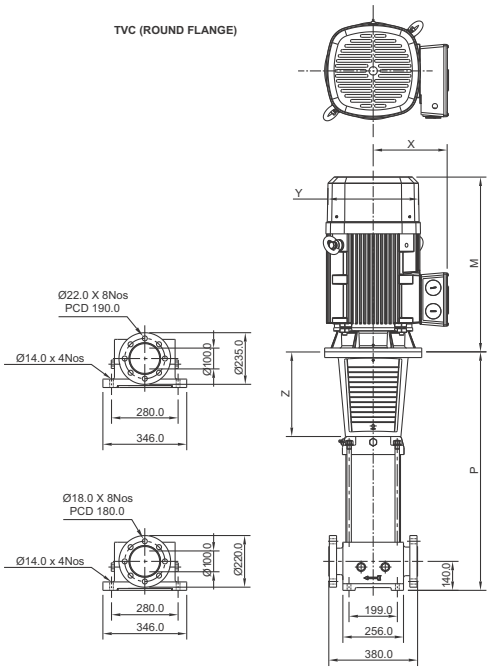
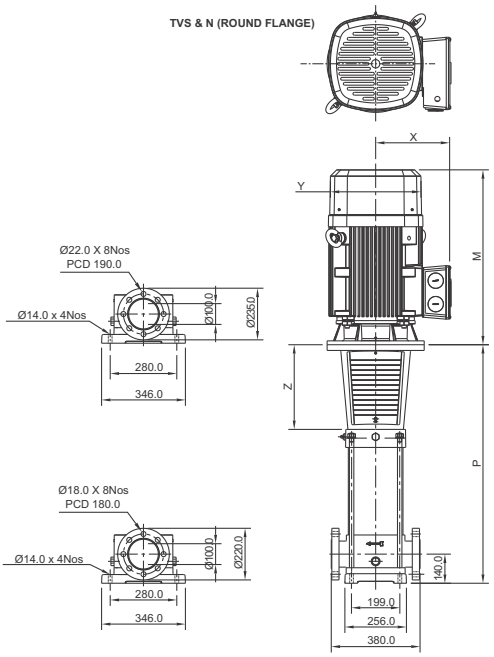
DIMENSION DRAWING & DATA

TV-RC



TV-RS/RN



Pipe Size : **TV-RC/S/N - 4" x 4"**

Nominal Flow : **90m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)							Approx. Weight in kg				Motor Frame Size
			P	M		X		Y (Ø)	Z	Pump		Motor		
kW	HP			1Ph	3Ph	1Ph	3Ph			TV-RC	TV-RS/RN	1Ph	3Ph	
5.5	7.5	TV-RCT 90/01A	5.5	7.5	572	-	385	257	201	68.50	66.50	-	41.30	132S
7.5	10	TV-RCT 90/01	7.5	10	572	-	424	257	201	68.50	66.50	-	47.60	132L
11	15	TV-RCT 90/02A	11	15	768	-	495	312	305	84.90	82.90	-	110.00	160M
15	20	TV-RCT 90/02	15	20	768	-	495	312	305	84.90	82.90	-	120.20	160M
18.5	25	TV-RCT 90/03A	18.5	25	860	-	495	312	305	90.90	88.90	-	131.50	160L
22	30	TV-RCT 90/03	22	30	860	-	630	SQ340	305	90.90	88.90	-	172.00	180M
30	40	TV-RCT 90/04AA	30	40	952	-	630	SQ340	305	99.00	97.00	-	188.00	200L
30	40	TV-RCT 90/04	30	40	952	-	650	SQ340	305	99.00	97.00	-	188.00	200L
37	50	TV-RCT 90/05AA	37	50	1044	-	650	395	305	113.30	111.30	-	246.00	200L
37	50	TV-RCT 90/05	37	50	1044	-	650	395	305	113.30	111.30	-	246.00	200L
45	60	TV-RCT 90/06AA	45	60	1136	-	695	435	305	118.30	116.30	-	365.00	225M
45	60	TV-RCT 90/06	45	60	1136	-	695	435	305	118.30	116.30	-	365.00	225M

* Face mounted motor (B14) - 0.37 to 7.5 kW, Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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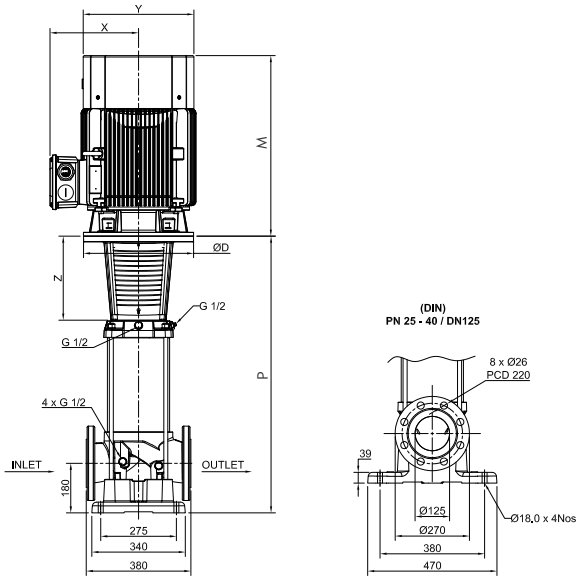
DIMENSION DRAWING & DATA

TV-RC/RS/RN



Pipe Size : **TV-RC/S/N - 5" x 5"**

Nominal Flow : **120m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)						Approx. weight in kg		Motor Frame Size
									Pump		
kW	HP		P	M	X	Y	Z	ØD	TV-RC/RS/RN	Motor	
11	15	TV-RCT 120/01	847	447	189	254	305	350	125	66	160M
18.5	25	TV-RCT 120/02A	1001	500	259	320	305	350	129	130	160L
22	30	TV-RCT 120/02	1001	584	275	360	305	400	129	182	180M
30	40	TV-RCT 120/03	1155	602	275	360	305	400	135	208	200L
37	50	TV-RCT 120/04A	1309	656	322	402	305	450	144	273	200L
45	60	TV-RCT 120/04	1309	641	332	452	305	450	144	331	225M
45	60	TV-RCT 120/05A	1463	641	332	452	305	450	171	331	225M
55	75	TV-RCT 120/05	1488	763	367	484	330	550	171	370	250M
55	75	TV-RCT 120/06A	1640	763	367	484	330	550	190	510	250M
75	100	TV-RCT 120/07	1794	835	402	547	330	550	215	510	280S

* Face mounted motor (B14) - 0.37 to 7.5 kW, Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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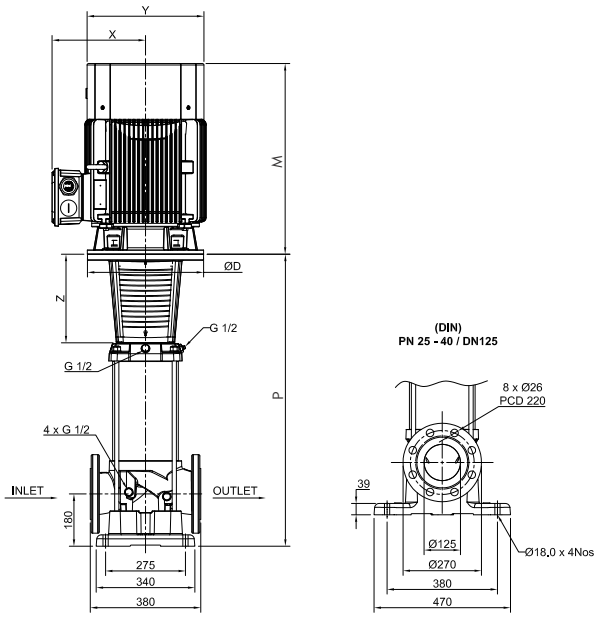
DIMENSION DRAWING & DATA

TV-RC/RS/RN



Pipe Size : **TV-RC/S/N - 5" x 5"**

Nominal Flow : **150m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)						Approx. weight in kg		Motor Frame Size
									Pump		
kW	HP		P	M	X	Y	Z	ØD	TV-RC/RS/RN	Motor	
11	15	TV-RCT 150/01A	847	447	189	254	305	350	125	66	160M
15	20	TV-RCT 150/01	847	500	259	320	305	350	125	126	160M
22	30	TV-RCT 150/02A	1003	584	275	360	305	400	129	182	180M
30	40	TV-RCT 150/02	1003	602	275	360	305	400	129	208	200L
30	40	TV-RCT 150/03AA	1159	602	275	360	305	400	135	208	200L
37	50	TV-RCT 150/03	1159	656	322	402	305	450	135	273	200L
45	60	TV-RCT 150/04A	1313	641	332	452	305	450	144	331	225M
55	75	TV-RCT 150/05AA	1494	763	367	484	330	550	171	370	250M
75	100	TV-RCT 150/05	1494	835	402	547	330	550	171	510	280S
75	100	TV-RCT 150/06	1650	835	402	547	330	550	191	510	280S

* Face mounted motor (B14) - 0.37 to 7.5 kW, Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
* For fully SS304 Version replace 'RC' with 'RS'
* For fully SS316 Version replace 'RC' with 'RN'

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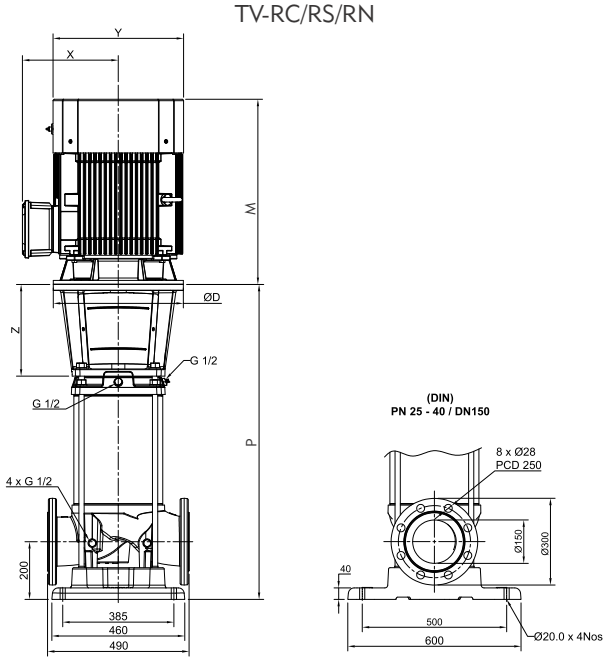
DIMENSION DRAWING & DATA

TV-RC/RS/RN



Pipe Size : **TV-RC/S/N - 6" x 6"**

Nominal Flow : **200m³/hr**

Power		Pump Model*	Dimensions in mm (Approx.)						Approx. weight in kg		Motor Frame Size
									Pump		
kW	HP		P	M	X	Y	Z	ØD	TV-RC/RS/RN	Motor	
15	20	TV-RCT 200/01A	912	500	259	320	320	350	173	126	160M
18.5	25	TV-RCT 200/01	912	500	259	320	320	350	173	130	160L
30	40	TV-RCT 200/02AA	1091	602	275	360	320	400	191	208	200L
37	50	TV-RCT 200/02A	1091	656	322	402	320	450	191	273	200L
45	60	TV-RCT 200/02	1091	641	332	452	320	450	191	331	225M
55	75	TV-RCT 200/03AA	1270	763	367	484.	325	550	219	370	250M
55	75	TV-RCT 200/03A	1270	763	367	484	325	550	219	370	250M
75	100	TV-RCT 200/03	1270	835	402	547	325	550	219	510	280S
75	100	TV-RCT 200/04AA	1448	835	402	547	325	550	244	510	280S
75	100	TV-RCT 200/04A	1448	835	402	547	325	550	244	510	280S
75	100	TV-RCT 200/04	1448	835	402	547	325	550	244	510	280S
90	120	TV-RCT 200/05AA	1626	1040	426	543	325	550	275	592	280M
90	120	TV-RCT 200/05A	1626	1040	426	543	325	550	275	592	280M
90	120	TV-RCT 200/05	1626	1040	426	543	325	550	275	592	280M
110	150	TV-RCT 200/06AA	1805	1155	460	621	325	550	311	750	315S
110	150	TV-RCT 200/06A	1805	1155	460	621	325	550	311	750	315S
110	150	TV-RCT 200/06	1805	1155	460	621	325	550	311	750	315S

* Flange mounted motor (B5) - Above 9.3 kW
* The given performance details is common to all types of material of construction.
* The 5th digit of the model identification "T" denotes 3 phase DOL (380V) & which will be replaced with "D" for 3 phase SD (380V)
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CONVERSION CHART

Flow Rate

litre per second l/s	litre per minute l/min	cubic meter per hour m^3/h	cubic foot per hour ft^3/h	cubic foot per minute ft^3/min	Imp.gallon per minute Imp.gal./min	US gallon per minute Us gal./min	Us barrel per day Is barrel/d (Petroleum)
1	60	3.6	127.133	2.1189	13.2	15.85	543.439
0.017	1	0.06	2.1189	0.0353	0.22	0.264	9.057
0.278	16.667	1	35.3147	0.5886	3.666	4.403	150.955
0.008	0.472	0.0283	1	0.0167	0.104	0.125	4.275
0.472	28.317	1.6990	60	1	6.229	7.480	256.475
0.076	4.546	0.2728	9.6326	0.1605	1	1.201	41.175
0.063	3.785	0.2271	8.0209	0.1337	0.833	1	34.286
0.002	0.110	0.0066	0.2339	0.0039	0.024	0.029	1

Liquid

Cubic meter m^3	litre l	Milli litre ml	Imp. gallon Imp. Gal	US gallon US gal	cubic foot ft^3
1	1000	1×10^6	220	264.2	35.3147
0.001	1	1000	0.22	0.2642	0.0353
1×10^{-6}	0.001	1	2.2×10^{-4}	2.642×10^{-4}	3.53×10^{-5}
0.00455	4.546	4546	1	1.201	0.1605
0.00378	3.785	3785	0.8327	1	0.1337
0.0283	28.317	28317	6.2288	7.4805	1

Liquid Head and Pressure

newton per square meter N/m^2 (Pa)	kilo pascal kPa	bar bar	kilogram force per square centimeter Kgf/cm2	pound force per square inch psi	foot for water ft H_20	meter of water m H_20	millimeter of mercury mm Hg	inch of mercury in Hg
1	0.001	1×10^{-5}	1.02×10^{-5}	1.45×10^{-4}	3.35×10^{-4}	1.02×10^{-4}	0.0075	2.95×10^{-4}
1000	1	0.01	0.0102	0.145	0.335	0.102	7.5	0.295
1×10^{-5}	100	1	1.02	14.5	33.52	10.2	750.1	29.53
98,067	98.07	0.981	1	14.22	32.81	10	735.6	28.96
6895	6.895	0.069	0.0703	1	2.31	0.703	51.72	2.036
2984	2.984	0.03	0.0305	0.433	1	0.305	22.42	0.882
9789	9.789	0.098	0.1	1.42	3.28	1	73.42	2.891
133.3	0.133	0.0013	0.0014	0.019	0.045	0.014	1	0.039
3386	3.386	0.0338	0.0345	0.491	1.133	0.0345	25.4	1

Length

millimeter mm	centimeter cm	meter m	inch in	foot ft	yard yd
1	0.1	0.001	0.0394	0.0033	0.0011
10	1	0.01	0.3937	0.0328	0.0109
1000	100	1	39.3701	3.2808	1.0936
25.4	2.54	0.0254	1	0.0833	0.0278
304.8	30.48	0.3048	12	1	0.3333
914.4	91.44	0.9144	36	3	1

1 Kilometer = 1000 metres = 0.62137 miles 1 mile = 1609.37 metres =- 1.60934 kilometers

Mass

kilogram kg	pound lb	hundred weight (cwt)	tonne t	ton long tn	short ton sh tn
1	2.205	0.0197	0.001	9.84×10^{-4}	0.0011
0.454	1	0.0089	4.54×10^{-4}	4.46×10^{-4}	5.0×10^{-4}
50.802	112	1	0.0508	0.05	0.056
1000	2204.6	19.684	1	0.9842	1.1023
1016	2240	20	1.0161	1	1.102
907.2	2000	17.857	0.9072	0.8929	1

Temperature

To Convert From	To	Use Formula
Temperature Celsius, tc	Temperature Kelvin, tk	K = tc + 273.15
Temperature Fahrenheit, tf	Temperature Kelvin, tk	K = (tF + 459.67 / 1.8)
Temperature Celsius, tc	Temperature Fahrenheit, tf	F = 1.8 tc + 32
Temperature Fahrenheit, tf	Temperature Celsius, tc	C = (tF - 32) / 1.8
Temperature Kelvin, tk	Temperature Celsius, tc	C = tk - 273.15
Temperature Kelvin, tk	Temperature Fahrenheit, tf	F = 1.8tk - 459.67

Notes :

THE POWER BEHIND THE FORCE

Naargo Industries Private Limited, one of the leading manufacturers of latest state of art, large range of pumps and motors, is managed by veterans who are in the pump industry for almost half a century. The products are employed in various applications like irrigation, domestic, civil construction, de-watering etc; The Company has a strong distribution network in India for sales & service and a strong global presence.

Quality is the key factor in Naargo's products. The expansive infrastructure and environment accredited with ISO 9001 quality certification, latest engineering softwares, high-tech machinery, futuristic pumping technology and high caliber workforce facilitate the production of flawless and efficient products on par with international standards under the brand name of "Tormac". The well equipped R & D wing stays alive to the changing global trends and comes out with viable solutions for innovative product development and upgradation.

The Products currently available include Stainless Steel Submersible Pumps (SS 304, SS 316 & SS 904L), Submersible Motors (CI, SS 304, SS 316 & SS 904L - HT on optional), Starters & Control Panels, Centrifugal Monoblock Pumps, End Suction Pumps, Close Coupled Pumps, Horizontal Split Case Pumps, Horizontal & Vertical Multistage Pumps, Inline Booster Systems, Sewage, Drainage & Dewatering Pumps, Induction Motors, Submersible Cables, Riser Pipes and Column Pipes.

The power, performance and endurance of the products backed by the uncompromising teamwork and value systems will certainly propel the company's growth towards new horizons in the pump industry.

IC-IBF-I/25-E6

Naargo Industries Private Limited,

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Tormac PUMPS