

WTR/WTS

Stainless Steel Vertical Multistage Pump



WTR

WTS

Application

- RO System, ultra-filtration systems, distillation systems, separators
- Water supply & drainage for high-rise buildings, filtration and transfer at waterworks, pressure boosting in main pipe
- Washing and cleaning systems, boiler feeding, cooling water circulation, water treatment systems
- Sprinkler irrigation, drip-feed irrigation
- Food & beverage industry
- Fire fighting system

Operating Conditions

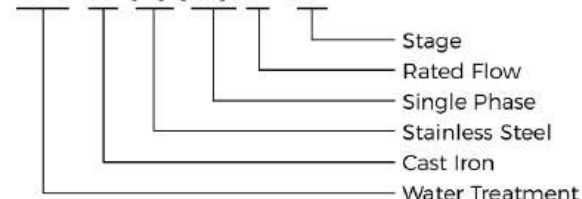
- Low viscosity, non-inflammable and non-explosive liquids not containing solid particles or fibers. The liquids must not chemically attack the pump materials. When pumping liquids with a density or viscosity is higher than that of water, a motor with a higher output power rating shall be used.
- Liquid temperature: - 15°C ~ + 75°C
- Flow ranges: 1 - 28.5 m³/h
- Liquid pH value: 4 - 10
- Max. ambient temperature: +40°C
- Max. operating pressure: 25 bar
- Altitude: up to 1000 m

Motor

- Totally enclosed & Fan-cooled
- Enclosures class: IPX4

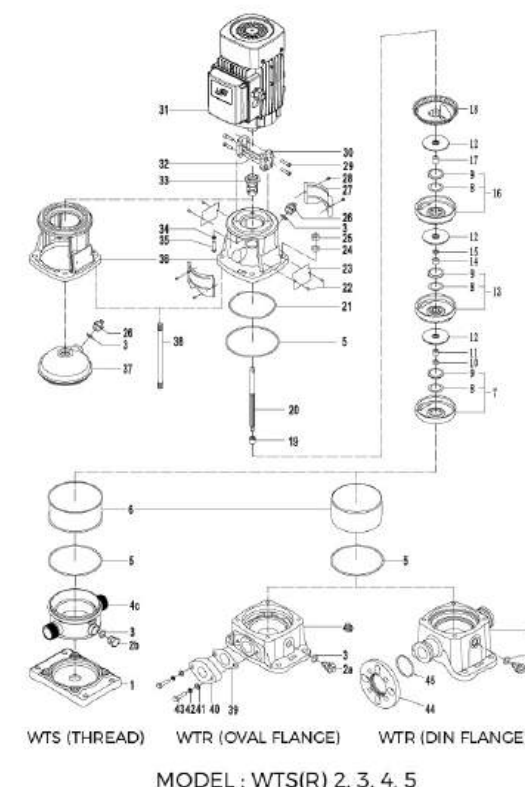
Identification Codes

WT R (S) (m) 2 - 11



Model	Max. Inlet Pressure (bar)
WTS(R) 2-2	6
WTS(R) 2-3 - 2-12	10
WTS(R) 2-13 - 2-26	15
WTS(R) 3-2 - 3-29	10
WTS(R) 3-31 - 3-36	15
WTS(R) 4-2	6
WTS(R) 4-3 - 4-11	10
WTS(R) 4-12 - 4-22	15
WTS(R) 5-2 - 5-16	10
WTS(R) 5-18 - 5-29	15
WTS(R) 10-2 - 10-6	8
WTS(R) 10-7 - 10-22	10
WTS(R) 15-1 - 15-3	8
WTS(R) 15-4 - 15-9	10
WTS(R) 20-1 - 20-3	8
WTS(R) 20-4 - 20-7	10

Material Table



MODEL : WTS(R) 2, 3, 4, 5

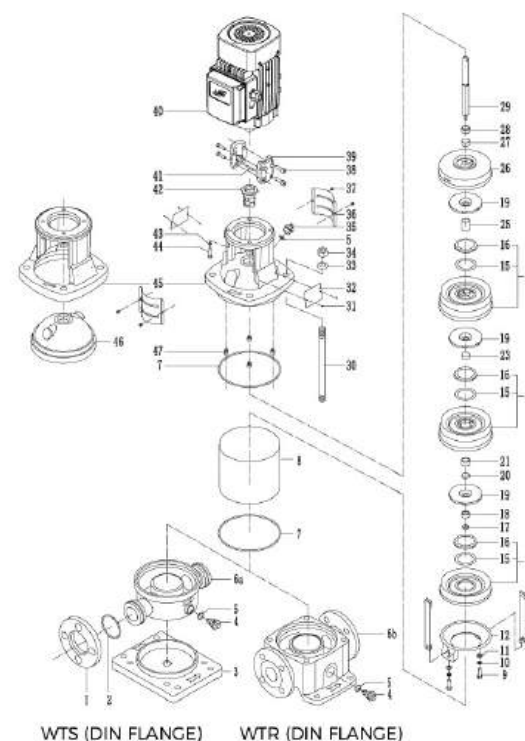
No.	Part	Material	No.	Part	Material
1	Base plate	ADC12	23	Name plate	1060
2	Drainage plug		24	Gasket	304
3	O-ring	EPDM	25	Hexagonal head nut	304
4a	Base	HT200	26	Vent plug	
4b	Base	HT200	27	Guard plate	304
4c	Base	ZG07Cr19Ni10	28	Cross recessed screw	304
5	O-ring	NBR	29	Hexagon socket head bolt	
6	Pump barrel	304	30	Half coupling	
7	Primary diffuser		31	Motor	
8	Wear-resistant disc	PTFE	32	Cylinder pin	304
9	Wear-resistant disc cover	304	33	Cartridge mechanical seal	
10	Nut	304	34	Spring gasket	65Mn
11	Shaft end sleeve	304	35	Hexagon socket head nut	
12	Impeller	304	36	Motor base	HT200
13	Diffuser with bearing		37	Pump cover	ZG07Cr19Ni10
14	Sleeve for guide bearing	Sic	38	Tension bar	45#
15	Sleeve	304	39	Flange gasket	CSA50
16	Medium diffuser		40	Oval flange	HT200
17	Sleeve	304	41	Flat gasket	
18	Final diffuser	304	42	Spring gasket	65Mn
19	Positioning sleeve for shaft	304	43	Hexagonal head bolt	
20	Pump shaft	304	44	Multi use flange	ZG35
21	Wave spring	304	45	Clamp	304
22	Rivets	BL2			

Maximum Inlet Pressure

The following table shows the maximum permissible inlet pressure. However, the current inlet pressure + the pressure against a closed valve must always be lower than the Max. permissible operating pressure.

If the maximum permissible operating pressure is exceeded, the bearing in the motor may be damaged and the life of the shaft seal reduced.

Model	WTR Max. Operating Pressure (bar)		WTS Max. Operation Pressure (bar)
	Oval Flange	DIN Flange	
WTS(R) 2	16	25	25
WTS(R) 3	16	25	25
WTS(R) 4	16	25	25
WTS(R) 5	16	25	25
WTS(R) 10	25		25
WTS(R) 15	25		25
WTS(R) 20	25		25



MODEL : WTS(R) 10, 15, 20

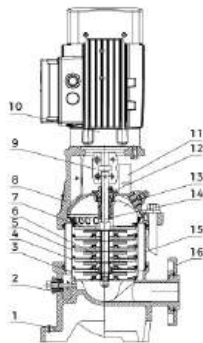
No.	Part	Material	No.	Part	Material
1	Flexible flange	ZG35	24	medium diffuser	
2	Clamp	304	25	sleeve	304
3	Base plate	ADC12	26	final diffuser	
4	Drainage plug		27	final diffuser	304
5	O-ring	EPDM	28	Positioning sleeve for shaft	304
6a	Base (WTS)	304	29	Pump shaft	316
6b	Base (WTR)	HT200	30	tension bar	45#
7	O-ring	EPDM	31	rivets	BL2
8	Pump barrel	304	32	name palte	1060
9	Hexagonal head bolt	304	33	flat gasket	304
10	Spring gasket	304	34	Hexagonal head nut	304
11	Flat gasket	304	35	Vent plug	
12	Inlet gland	304	36	Guard plate	304
13	Tension strip	304	37	Cross recessed screw	304
14	Primary diffuser		38	Hexagon socket head bolt	
15	Wear-resistant disc	PTFE	39	Coupling	QT400
16	Wear-resistant disc cover	304	40	Motor	
17	Self-ag nut	304	41	cylindrical pin	304
18	Shaft end sleeve	304	42	Cartridge Mechanical Seal	
19	Impeller	304	43	Spring gasket	65Mn
20	Sleeve	304	44	Hexagonal head bolt	
21	Silde bearing sleeve	WC	45	Motor base	HT200
22	Diffuser with bearing		46	Pump cover	304
23	Sleeve	304	47	Adjustment gasket	EPDM

WTR/WTS

Stainless Steel Vertical
Multistage Pump

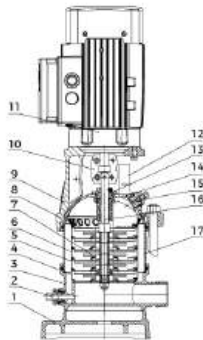


Cross Section



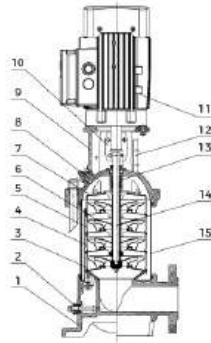
MODEL: WTR2 (3,4,5)

No.	Part	Material
1	Base	HT200
2	Drain bolt assembly	AISI 304
3	Primary diffuser	AISI 304
4	Diffuser with bearing	AISI 304
5	Medium diffuser	AISI 304
6	Impeller	AISI 304
7	Final diffuser	AISI 304
8	Motor base	HT 200
9	Coupling	PM / QT400
10	Motor	
11	Guard plate	AISI304
12	Cartridge seal	
13	Vent assembly	AISI 304
14	Pump shaft	AISI 316
15	Pump barrel	AISI 304
16	Flange	ZG 35



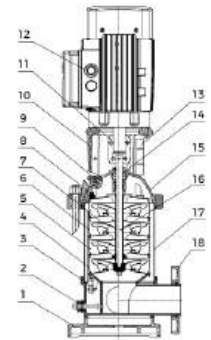
MODEL: WTS2 (3,4,5)

No.	Part	Material
1	Base plate	ADC 12
2	Drain bolt assembly	AISI 304
3	Base	ZG 304 (Optional:ZG316)
4	Primary diffuser	AISI 304
5	Diffuser with bearing	AISI 304
6	Medium diffuser	AISI 304
7	Impeller	AISI 304
8	Final diffuser	AISI 304
9	Motor base	HT 200
10	Coupling	PM / QT400
11	Motor	
12	Guard plate	AISI 304
13	Cartridge seal	
14	Pump cover	ZG 304
15	Vent assembly	AISI 304
16	Pump shaft	AISI 316
17	Pump barrel	AISI 304



MODEL: WTR10 (15,20)

No.	Part	Material
1	Base	HT200
2	Drain bolt assembly	AISI304
3	Primary diffuser	AISI304
4	Diffuser with bearing	AISI304
5	Medium diffuser	AISI304
6	Impeller	AISI304
7	Final diffuser	AISI304
8	Vent assembly	HT200
9	Motor base	PM / QT400
10	Coupling	
11	Motor	AISI304
12	Guard plate	
13	Cartridge seal	AISI304
14	Pump shaft	AISI316
15	Pump barrel	AISI304



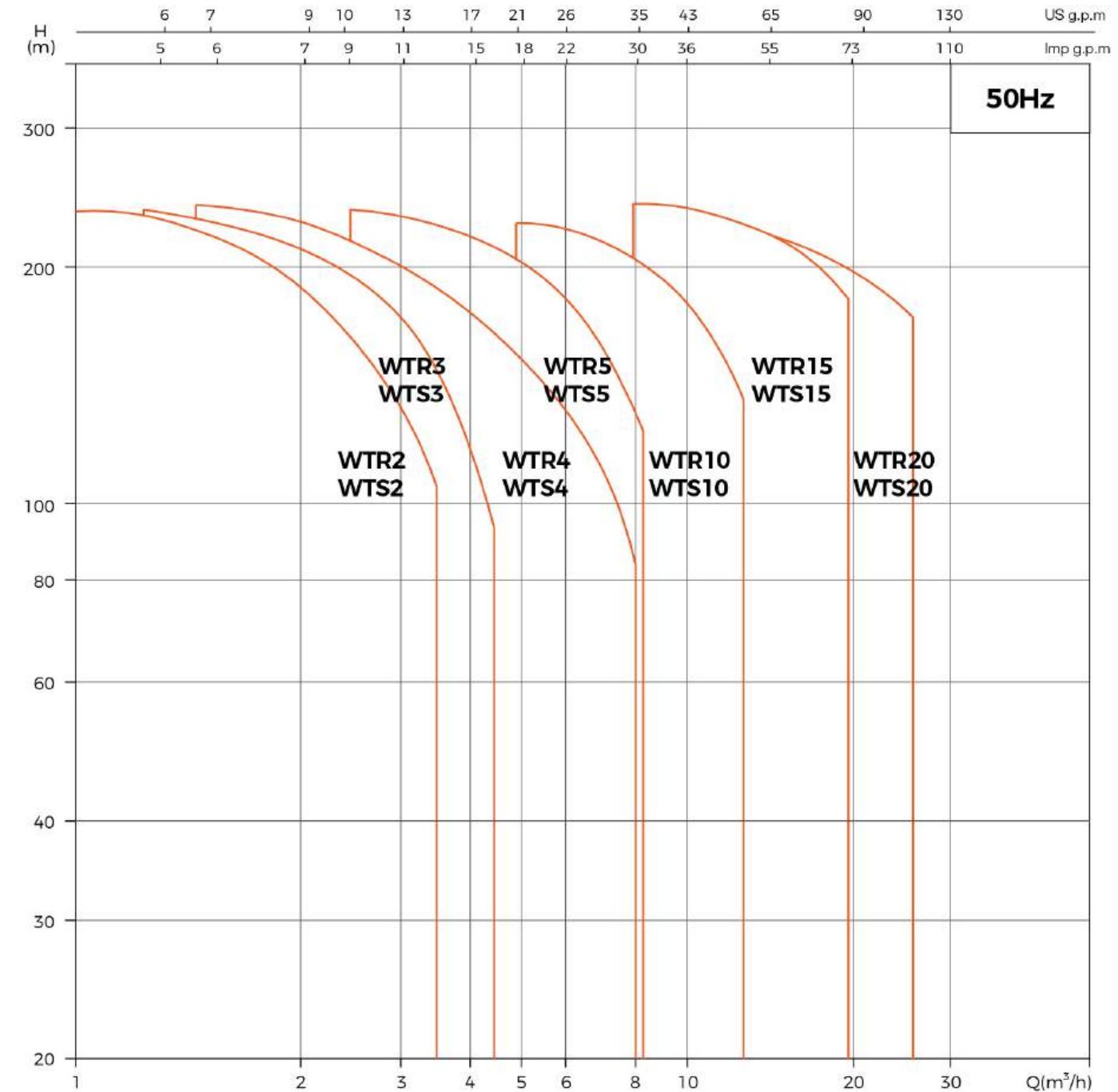
MODEL: WTS10 (15,20)

No.	Part	Material
1	Base plate	ADC 12
2	Drain bolt assembly	AISI 304
3	Base	ZG 304 (Optional:ZG316)
4	Primary diffuser	AISI 304
5	Diffuser with bearing	AISI 304
6	Medium diffuser	AISI 304
7	Impeller	AISI 304
8	Final diffuser	AISI 304
9	Motor base	HT 200
10	Coupling	PM / QT400
11	Motor	
12	Guard plate	AISI 304
13	Cartridge seal	
14	Pump cover	ZG 304
15	Vent assembly	AISI 304
16	Pump shaft	AISI 316
17	Pump barrel	AISI 304
18	Flange	ZG 35

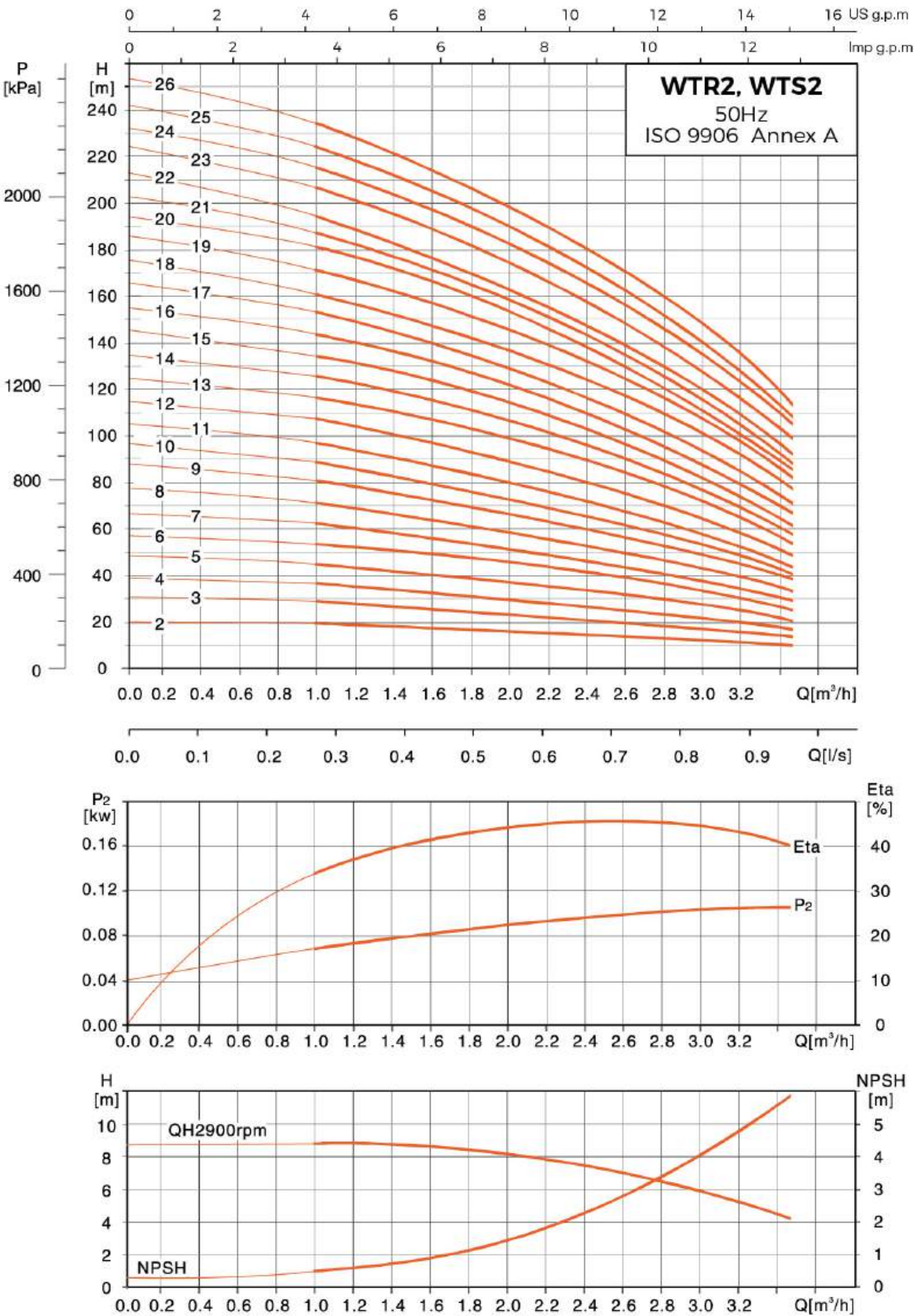
Product Range

Model	WTR2 (≤2-16)	WTR2 (other)	WTR3 (≤3-23)	WTR3 (other)	WTR4 (≤4-15)	WTR4 (other)	WTR5 (≤5-22)	WTR5 (other)	WTR10	WTR15	WTR20
Connector	Oval flange G1 (Standard)	DIN DN25/32	Oval flange G1 (Standard)	DIN DN25/32	Oval flange G1¼ (Standard)	DIN DN25/32	Oval flange G1¼ (Standard)	DIN DN25/32	DIN DN40	DIN DN50	DIN DN50
	DIN DN25/32		DIN DN25/32		DIN DN25/32						
Model	WTS2		WTS3		WTS4		WTS5		WTS10	WTS15	WTS20
Connector	Threaded connector R1 1/4								DIN DN40	DIN DN50	DIN DN50

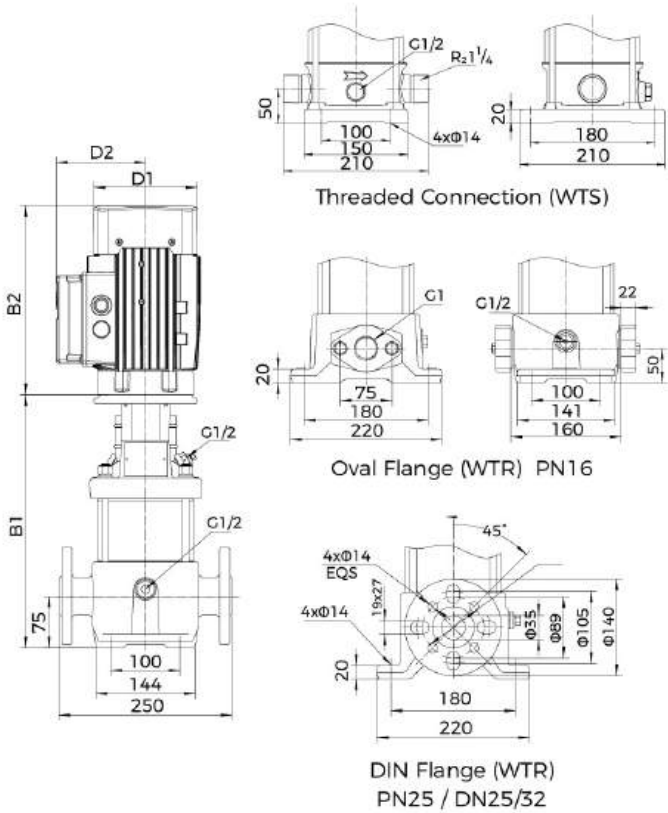
Scope of Performance-WTR, WTS



Hydraulic Performance Curves



Dimension



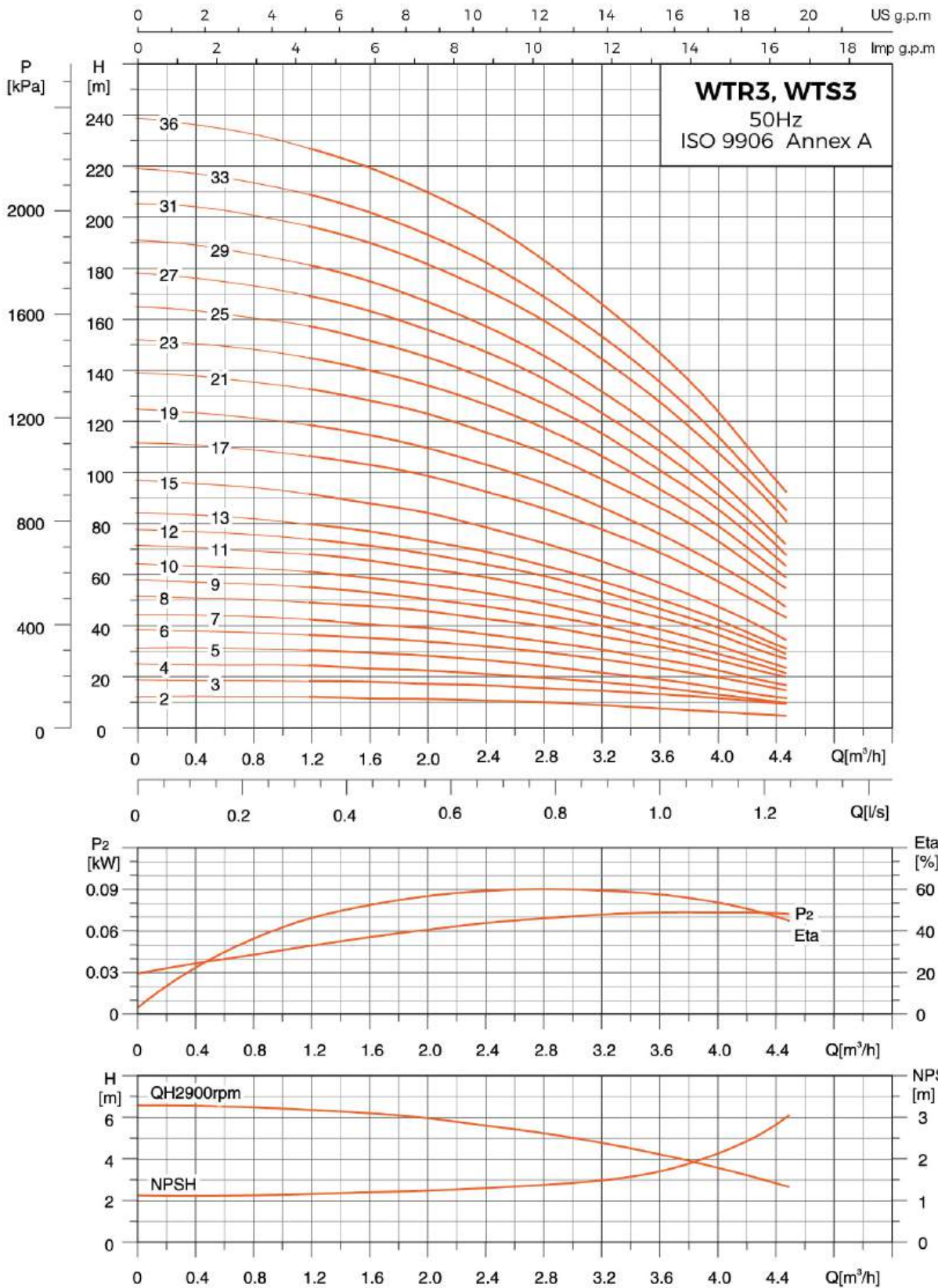
Model	Thread Connection (WTS)		DIN Flange (WTR)		D1	D2
	B1	B1+B2	B1	B1+B2		
WTR2-2	-	-	281	489	128	86
WTR2-3	-	-	281	489	128	86
WTR 2-4	-	-	299	507	128	86
WTR 2-5	-	-	317	525	128	86
WTR2-6	-	-	339	559	146	96
WTR2-7	-	-	357	577	146	96
WTR(m)2-8	-	-	391	666	150	130
WTR(m)2-9	-	-	409	684	150	130
WTR/S(m)2-10	403.5	678	427	702	150	130
WTR/S(m)2-11	422	696	445	720	150	130
WTR/S(m)2-12	439.5	714	463	738	150	130
WTR/S(m)2-13	458	732	481	756	150	130
WTR/S(m)2-14	475.5	750	499	774	150	130
WTR/S(m)2-15	494	768	517	792	150	130
WTR/S(m)2-16	511.5	786	535	810	150	130
WTR/S(m)2-17	529.5	804	553	828	150	130
WTR/S(m)2-18	548	822	571	846	150	130
WTR/S(m)2-19	565.5	840	589	864	150	130
WTR/S(m)2-20	583.5	858	607	882	150	130
WTR/S(m)2-21	601.5	876	625	900	150	130
WTR/S(m)2-22	620	894	643	918	150	130
WTR/S2-23	641.5	964	666	989	164	130
WTR/S2-24	659.5	982	684	1007	164	130
WTR/S2-25	677.5	1000	702	1025	164	130
WTR/S2-26	695.5	1018	720	1043	164	130

Note: B1 and B1+B2 of Oval flange are in compliance with that of DIN flange

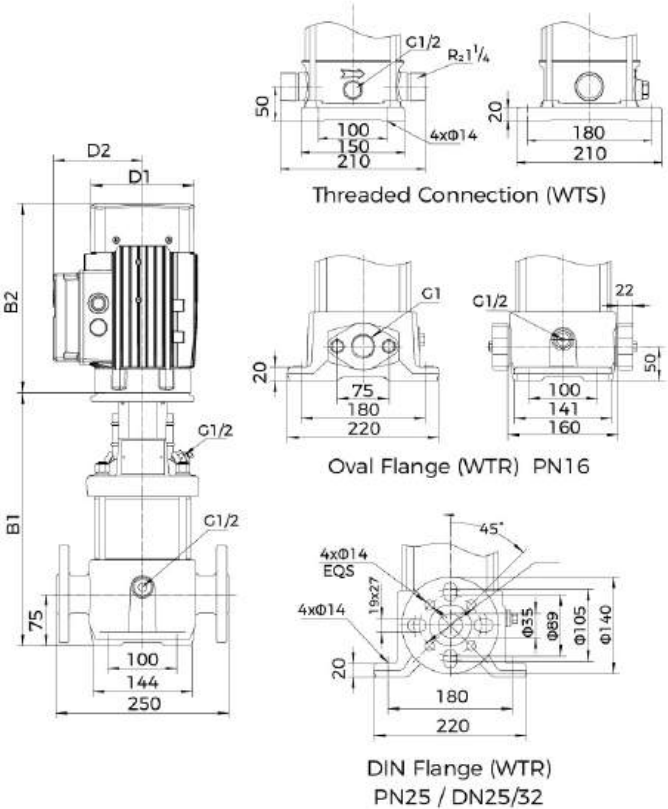
Technical Data

Model	Power(kW)	Q(m^3/h)	1	1.2	1.6	2	2.5	2.8	3.2	3.5
WTR2-2	0.37	H(m)	18	17	16	15.5	13.5	12	10	8
WTR2-3	0.37		27	26	24	22.5	19.5	18	15	12
WTR 2-4	0.55		36	35	33	30.5	27	24	17	16
WTR 2-5	0.55		45	43	40	37	32.5	30	24	20
WTR2-6	0.75		53	52	50	45.5	40	36	30	24
WTR2-7	0.75		63	61	57	52	45.5	41	35	28
WTR(m)2-8	1.1		71	69	65	59	51	47	40	33
WTR(m)2-9	1.1		80	78	73	68.5	60	54	45	37
WTR/S(m)2-10	1.1		89	86	81	74	65	59	49	40
WTR/S(m)2-11	1.1		98	95	89	82	71.5	64	54	44
WTR/S(m)2-12	1.5		107	103	97	90	78	71	59	47
WTR/S(m)2-13	1.5		116	114	106	98	86.5	78	65	52
WTR/S(m)2-14	1.5		125	122	114	105	92	84	69	57
WTR/S(m)2-15	1.5		134	130	123	112	98	90	73	60
WTR/S(m)2-16	2.2		143	139	131	120	104	96	79	66
WTR/S(m)2-17	2.2		152	148	139	128	111	102	85	70
WTR/S(m)2-18	2.2		161	157	148	136	122	108	91	76
WTR/S(m)2-19	2.2		170	165	156	143	128	113	95	81
WTR/S(m)2-20	2.2		179	174	164	150	134	119	100	85
WTR/S(m)2-21	2.2		188	183	172	157	140	124	105	88
WTR/S(m)2-22	2.2		197	192	180	165	145	130	110	90
WTR/S2-23	3.0		205	201	188	173	153	137	105	97
WTR/S2-24	3.0		215	210	197	181	160	144	120	105
WTR/S2-25	3.0		223	219	205	189	168	151	125	107
WTR/S2-26	3.0		232	228	214	198	176	158	130	110

Hydraulic Performance Curves



Dimension



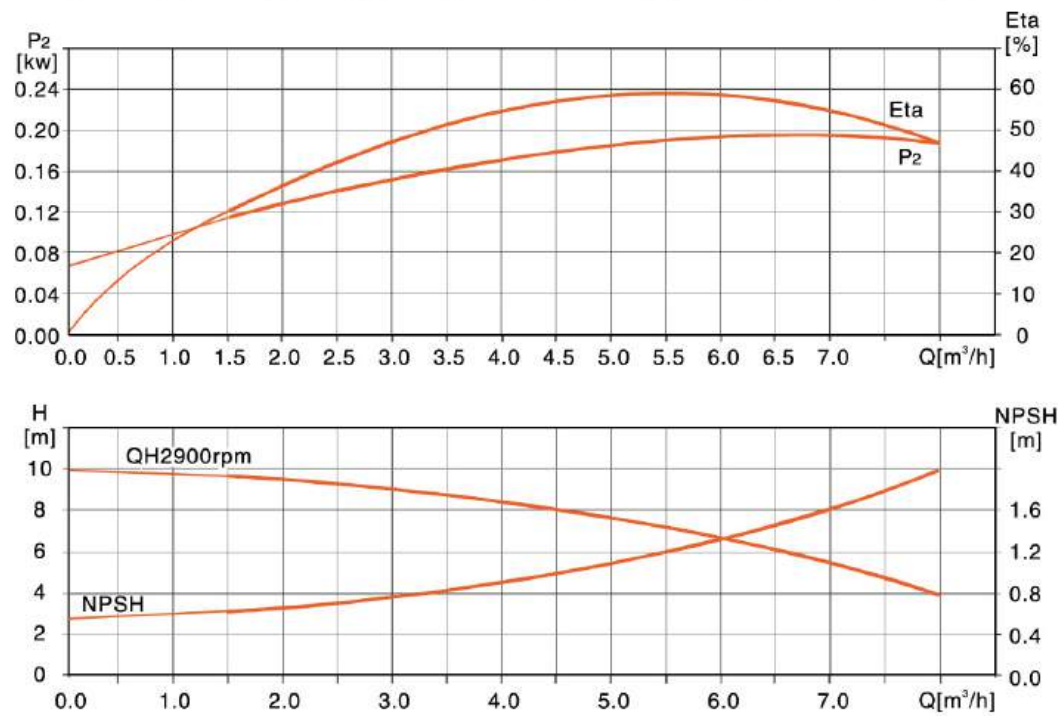
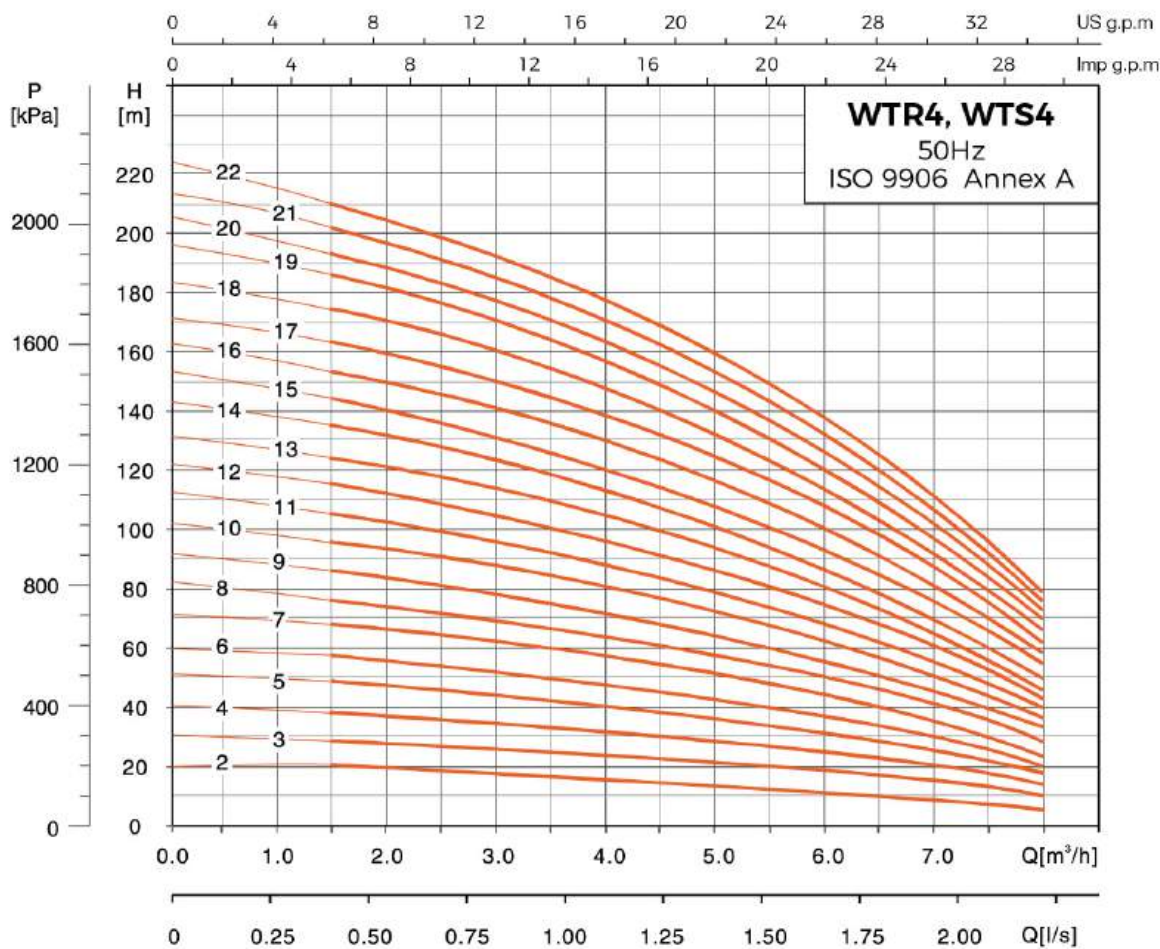
Model	Thread Connection (WTS)		DIN Flange (WTR)		D1	D2
	B1	B1+B2	B1	B1+B2		
WTR3-2	-	-	281	489	128	86
WTR3-3	-	-	281	489	128	86
WTR(m)3-4	-	-	299	507	128	86
WTR3-5	-	-	317	525	128	86
WTR(m)3-6	-	-	335	543	128	86
WTR3-7	-	-	353	561	128	86
WTR3-8	-	-	375	595	146	96
WTR3-9	-	-	393	613	146	96
WTR3-10	-	-	411	631	146	96
WTR/S(m)3-11	422	678	445	702	164	119
WTR/S(m)3-12	440	696	463	720	164	119
WTR/S(m)3-13	458	714	481	738	164	119
WTR/S(m)3-15	494	750	517	774	164	119
WTR/S(m)3-17	530	786	553	810	164	119
WTR/S(m)3-19	566	822	589	846	164	119
WTR/S(m)3-21	602	858	625	882	164	119
WTR/S(m)3-23	638	894	661	918	164	119
WTR/S(m)3-25	674	930	697	954	164	119
WTR/S(m)3-27	710	966	733	990	164	119
WTR/S(m)3-29	746	1002	769	1026	164	119
WTR/S3-31	786	1099	810	1123	175	119
WTR/S3-33	822	1135	846	1159	175	119
WTR/S3-36	876	1189	900	1213	175	119

Note: B1 and B1+B2 of Oval flange are in compliance with that of DIN flange

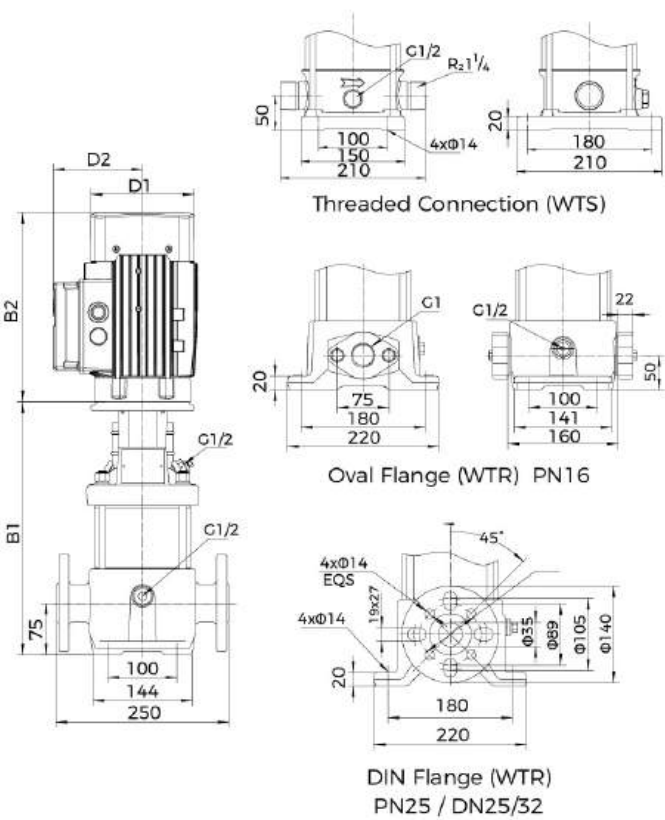
Technical Data

Model	Power(kW)	Q(m³/h)	1.2	1.6	2	2.4	2.8	3	3.6	4	4.5
WTR3-2	0.37	H(m)	13	12	12	11	11	10	8	7.5	4
WTR3-3	0.37		19	19	18	17	16	15	14	12	8
WTR3-4	0.37		25	24	23	22	20	19	17	17	9
WTR3-5	0.37		31	31	29	27	25	24	20	17	11
WTR3-6	0.55		37	36	35	33	30	28	24	21	14
WTR3-7	0.55		43	40	40	37	35	32	28	24	16
WTR3-8	0.75		51	48	47	44	41	38	33	28	19
WTR3-9	0.75		56	54	51	48	45	42	36	30	21
WTR3-10	0.75		62	60	57	54	50	46	40	33	23
WTR/S(m)3-11	1.1		69	66	63	60	56	51	44	38	26
WTR/S(m)3-12	1.1		75	72	69	65	61	56	48	41	28
WTR/S(m)3-13	1.1		80	78	74	70	65	60	51	44	30
WTR/S(m)3-15	1.1		92	89	85	80	73	68	58	49	34
WTR/S(m)3-17	1.5		107	104	100	94	87	78	70	59	42
WTR/S(m)3-19	1.5		119	116	111	104	97	87	77	65	47
WTR/S(m)3-21	2.2		133	129	124	117	109	97	88	75	54
WTR/S(m)3-23	2.2		146	141	135	128	119	105	95	81	59
WTR/S(m)3-25	2.2		158	153	146	138	128	115	102	87	64
WTR/S(m)3-27	2.2		170	164	157	148	138	124	110	93	67
WTR/S(m)3-29	2.2		182	176	168	159	147	133	118	100	72
WTR/S3-31	3.0		197	191	183	173	161	142	128	110	80
WTR/S3-33	3.0		210	203	194	194	170	152	137	116	84
WTR/S3-36	3.0		228	221	211	200	185	165	149	126	91

Hydraulic Performance Curves



Dimension



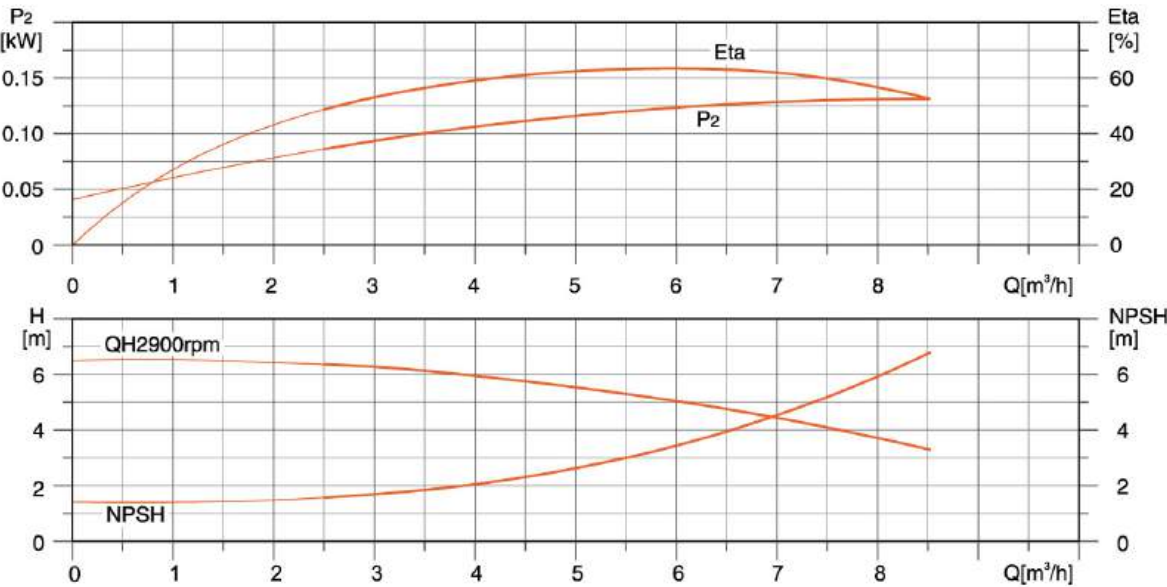
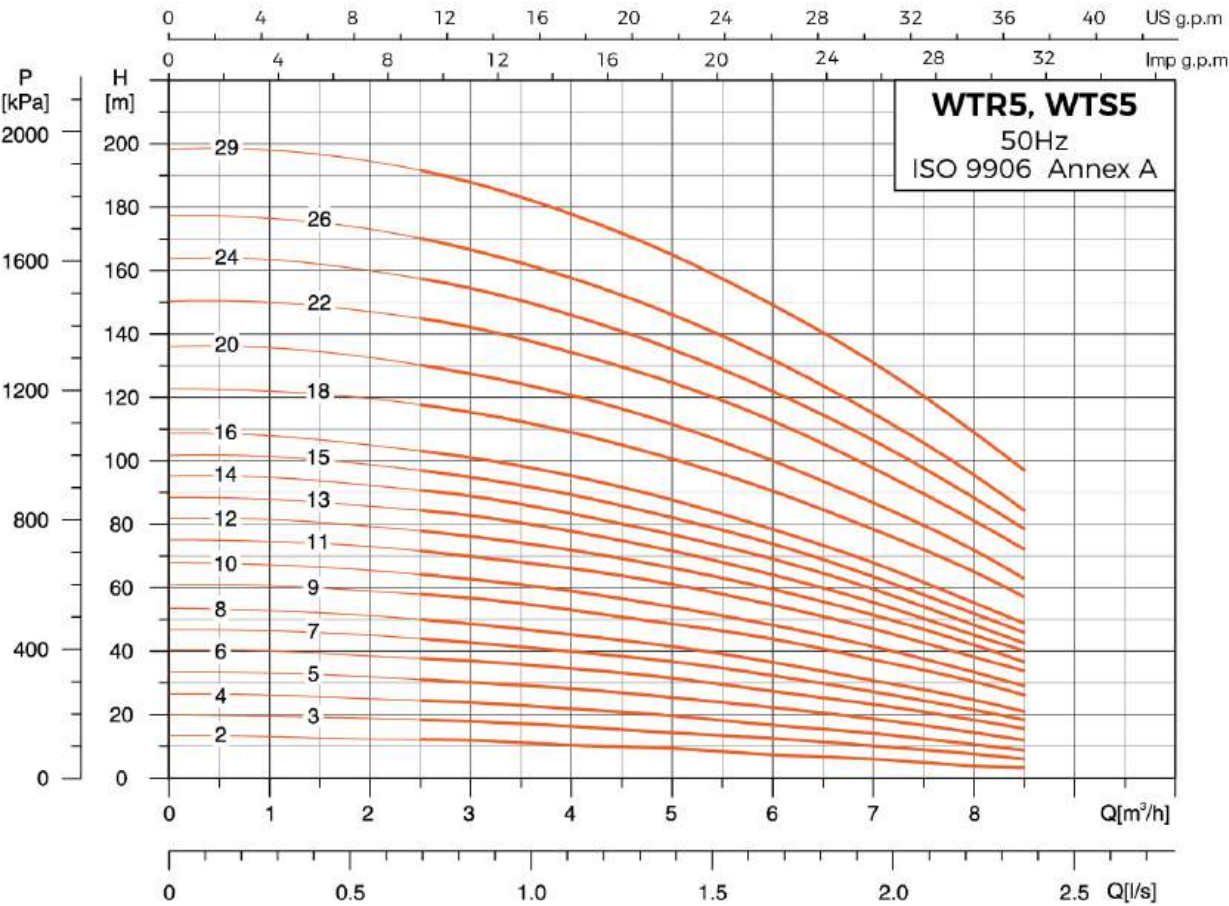
Model	Thread Connection (WTS)		DIN Flange (WTR)		D1	D2
	B1	B1+B2	B1	B1+B2		
WTR4-2	-	-	281	489	128	86
WTR4-3	-	-	308	516	128	86
WTR4-4	-	-	339	559	146	96
WTR(m)4-5	-	-	382	657	150	130
WTR(m)4-6	-	-	409	684	150	130
WTR/S(m)4-7	412.5	687	436	711	150	130
WTR/S(m)4-8	439.5	714	463	738	150	130
WTR/S(m)4-9	466.5	741	490	765	150	130
WTR/S(m)4-10	493.5	768	517	792	150	130
WTR/S(m)4-11	520.5	795	544	819	150	130
WTR/S(m)4-12	548	822	571	846	150	130
WTR/S4-13	578.5	901	603	926	164	130
WTR/S4-14	606	928	630	953	164	130
WTR/S4-15	632.5	955	657	980	164	130
WTR/S4-16	660	982	684	1007	164	130
WTR/S4-17	686.5	1029	711	1054	186	128
WTR/S4-18	713.5	1056	738	1081	186	128
WTR/S4-19	741	1083	765	1108	186	128
WTR/S4-20	767.5	1110	792	1135	186	128
WTR/S4-21	794.5	1137	819	1162	186	128
WTR/S4-22	822	1164	846	1189	186	128

Note: B1 and B1+B2 of Oval flange are in compliance with that of DIN flange

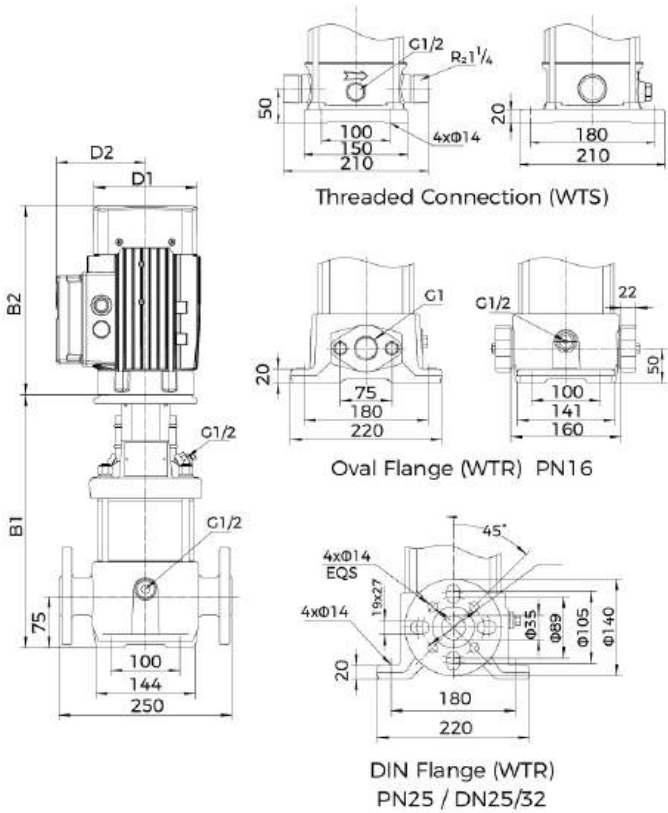
Technical Data

Model	Power(kW)	Q(m³/h)	1.5	2	3	4	5	6	7	8
WTR4-2	0.37	H(m)	19	18	17	14.5	13	10.5	8	6
WTR4-3	0.55		28	27	26	23.5	20	18	14	10
WTR4-4	0.75		38	36	34	31.5	27	24.5	18	13
WTR(m)4-5	1.1		47	45	43	40.5	34	31.5	23	17
WTR(m)4-6	1.1		56	54	52	47.5	41	36	28	20
WTR/S(m)4-7	1.5		66	63	61	57	48	44.5	34	24
WTR/S(m)4-8	1.5		74	72	70	64	55	49.5	38	27
WTR/S(m)4-9	2.2		86	81	78	72	63	56	44	32
WTR/S(m)4-10	2.2		96	90	87	81	71	64	50	34
WTR/S(m)4-11	2.2		105	99	95	88	78	69	53	39
WTR/S(m)4-12	2.2		114	108	104	96	85	75	57	41
WTR/S4-13	3.0		123	117	113	103	93	83	63	45
WTR/S4-14	3.0		136	126	122	114	101	90	69	48
WTR/S4-15	3.0		142	135	131	120	108	96	73	52
WTR/S4-16	3.0		152	144	140	129	115	102	78	55
WTR/S4-17	4.0		163	153	149	137	122	108	83	62
WTR/S4-18	4.0		175	162	158	145	129	115	89	65
WTR/S4-19	4.0		183	171	168	155	137	123	95	67
WTR/S4-20	4.0		192	180	176	161	144	128	99	72
WTR/S4-21	4.0		203	200	184	169	152	134	103	75
WTR/S4-22	4.0		211	210	192	177	160	139	108	79

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Dimension



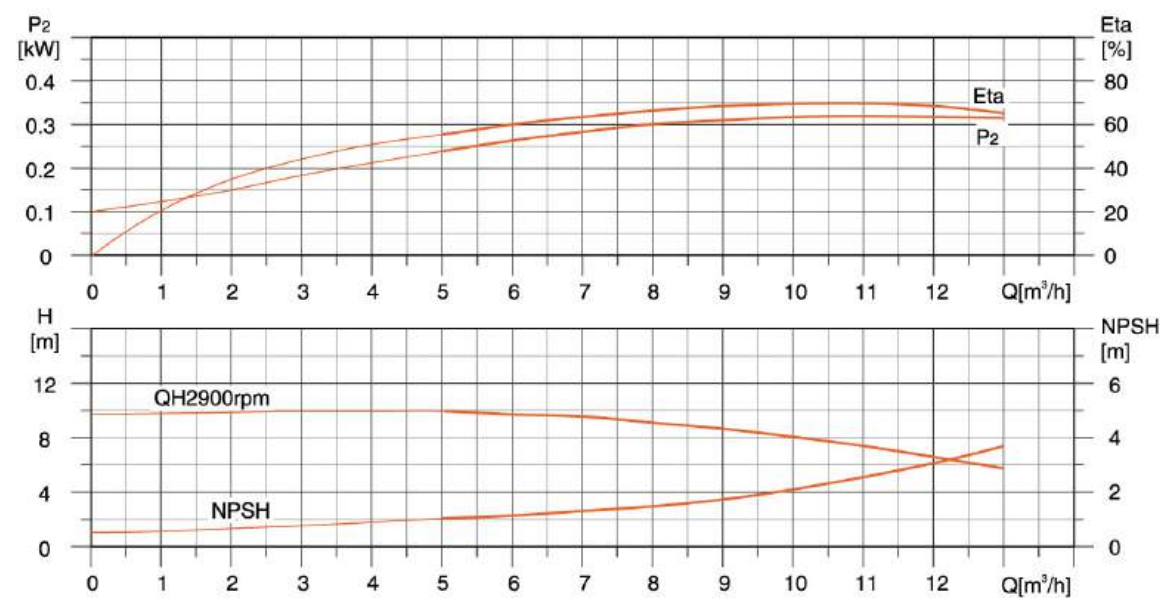
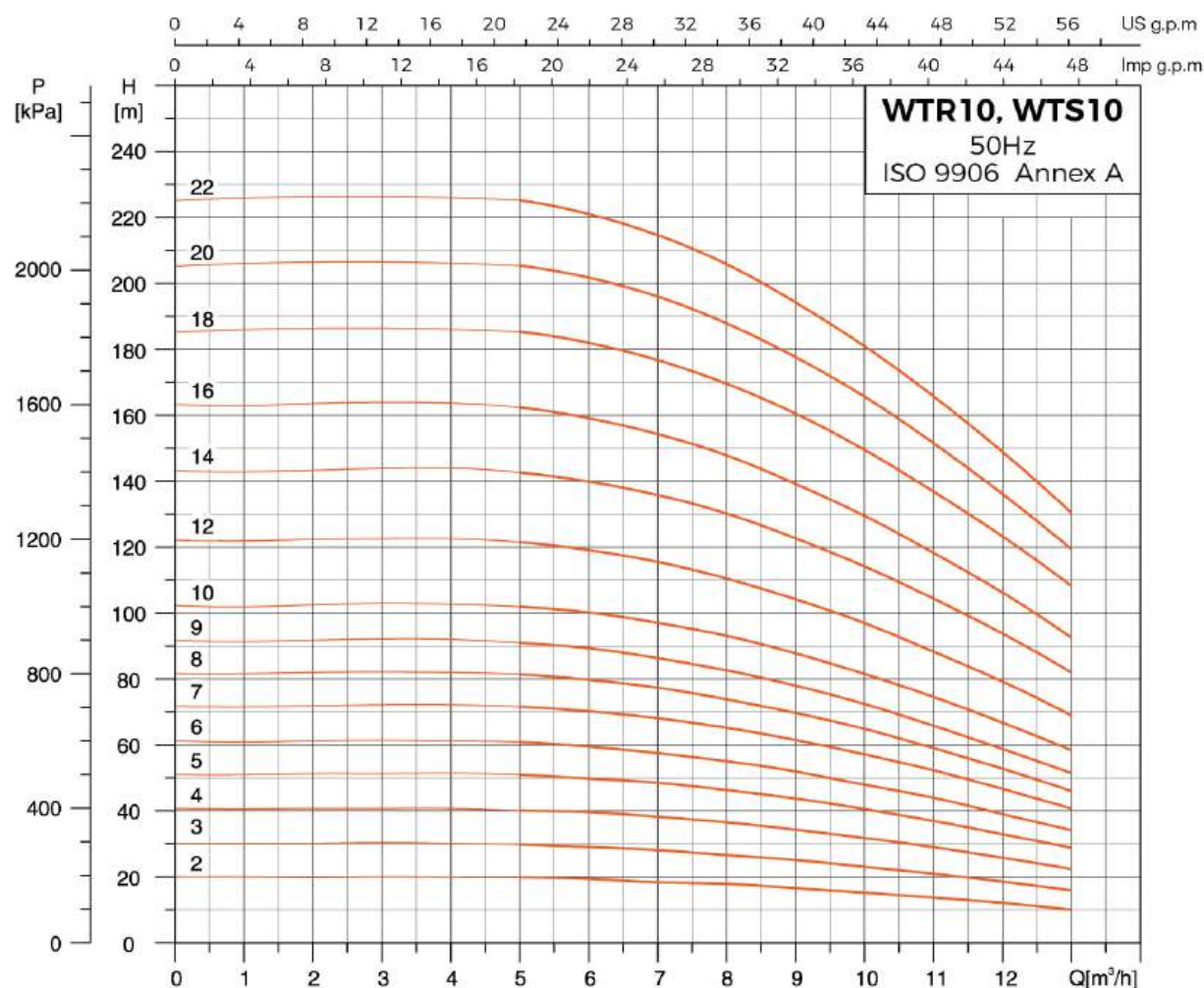
Model	Thread Connection (WTS)		DIN Flange (WTR)		D1	D2
	B1	B1+B2	B1	B1+B2		
WTR5-2	-	-	281	489	128	86
WTR5-3	-	-	308	516	128	86
WTR5-4	-	-	335	543	128	86
WTR5-5	-	-	366	586	146	96
WTR(m)5-6	-	-	409	684	150	130
WTR/S(m)5-7	412.5	687	436	711	150	130
WTR/S(m)5-8	439.5	714	463	738	150	130
WTR/S(m)5-9	466.5	741	490	765	150	130
WTR/S(m)5-10	493.5	768	517	792	150	130
WTR/S(m)5-11	520.5	795	544	819	150	130
WTR/S(m)5-12	547.5	822	571	846	150	130
WTR/S(m)5-13	574.5	849	598	873	150	130
WTR/S(m)5-14	601.5	876	625	900	150	130
WTR/S(m)5-15	628.5	903	652	927	150	130
WTR/S(m)5-16	655.5	930	679	954	150	130
WTR/S5-18	713.5	1036	738	1061	164	130
WTR/S5-20	767.5	1090	792	1115	164	130
WTR/S5-22	821.5	1164	846	1189	186	128
WTR/S5-24	875.5	1218	900	1243	186	128
WTR/S5-26	929.5	1272	954	1297	186	128
WTR/S5-29	1010.5	1353	1035	1378	186	128

Note: B1 and B1+B2 of Oval flange are in compliance with that of DIN flange

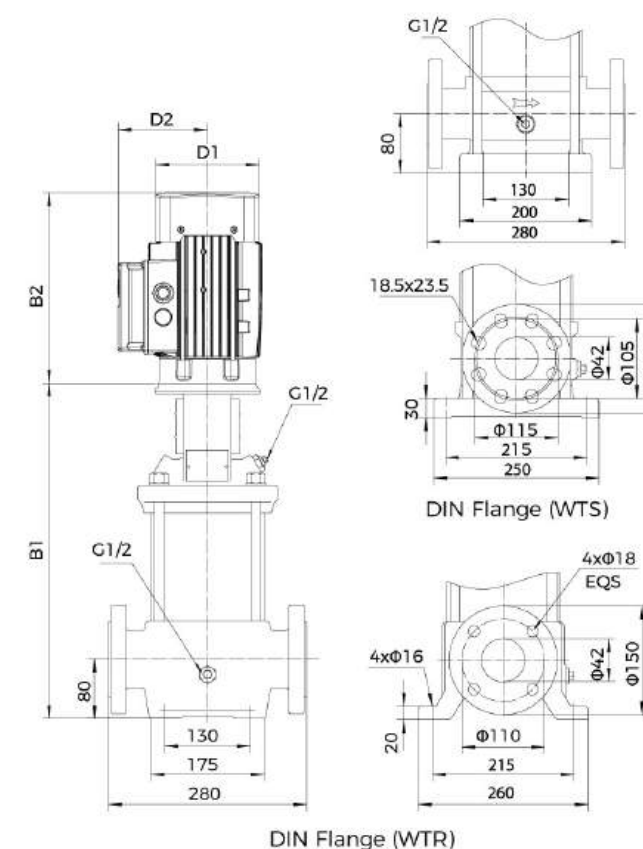
Technical Data

Model	Power(kW)	Q(m³/h)	2.5	3	4	5	6	7	8	8.5
WTR5-2	0.37	H(m)	12	12	10	9	7	6	4	3.5
WTR5-3	0.55		19	18	16	15	12	10	8	6
WTR5-4	0.55		24	24	22	19	16	14	10.5	9
WTR5-5	0.75		31	30	28	24	22	18	15	12
WTR(m)5-6	1.1		38	37	34	28	27	23	19	15
WTR/S(m)5-7	1.1		44	42	40	32	32	27	22	19
WTR/S(m)5-8	1.1		50	48	45	40	36	31	25	21
WTR/S(m)5-9	1.5		59	56	53	47	44	37	31	26
WTR/S(m)5-10	1.5		65	62	59	53	48	41	34	29
WTR/S(m)5-11	2.2		73	70	66	59	54	47	38	35
WTR/S(m)5-12	2.2		78	76	72	63	59	51	42	38
WTR/S(m)5-13	2.2		85	82	78	68	64	55	45	40
WTR/S(m)5-14	2.2		91	89	83	74	69	60	58	53
WTR/S(m)5-15	2.2		98	95	89	79	74	63	52	46
WTR/S(m)5-16	2.2		103	101	95	85	78	68	55	49
WTR/S5-18	3.0		118	115	109	98	90	78	65	58
WTR/S5-20	3.0		130	127	120	108	100	87	72	64
WTR/S5-22	4.0		145	142	134	120	112	97	80	72
WTR/S5-24	4.0		158	154	146	132	122	106	88	78
WTR/S5-26	4.0		170	166	157	145	132	115	95	85
WTR/S5-29	4.0		192	188	178	155	149	131	109	98

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Dimension

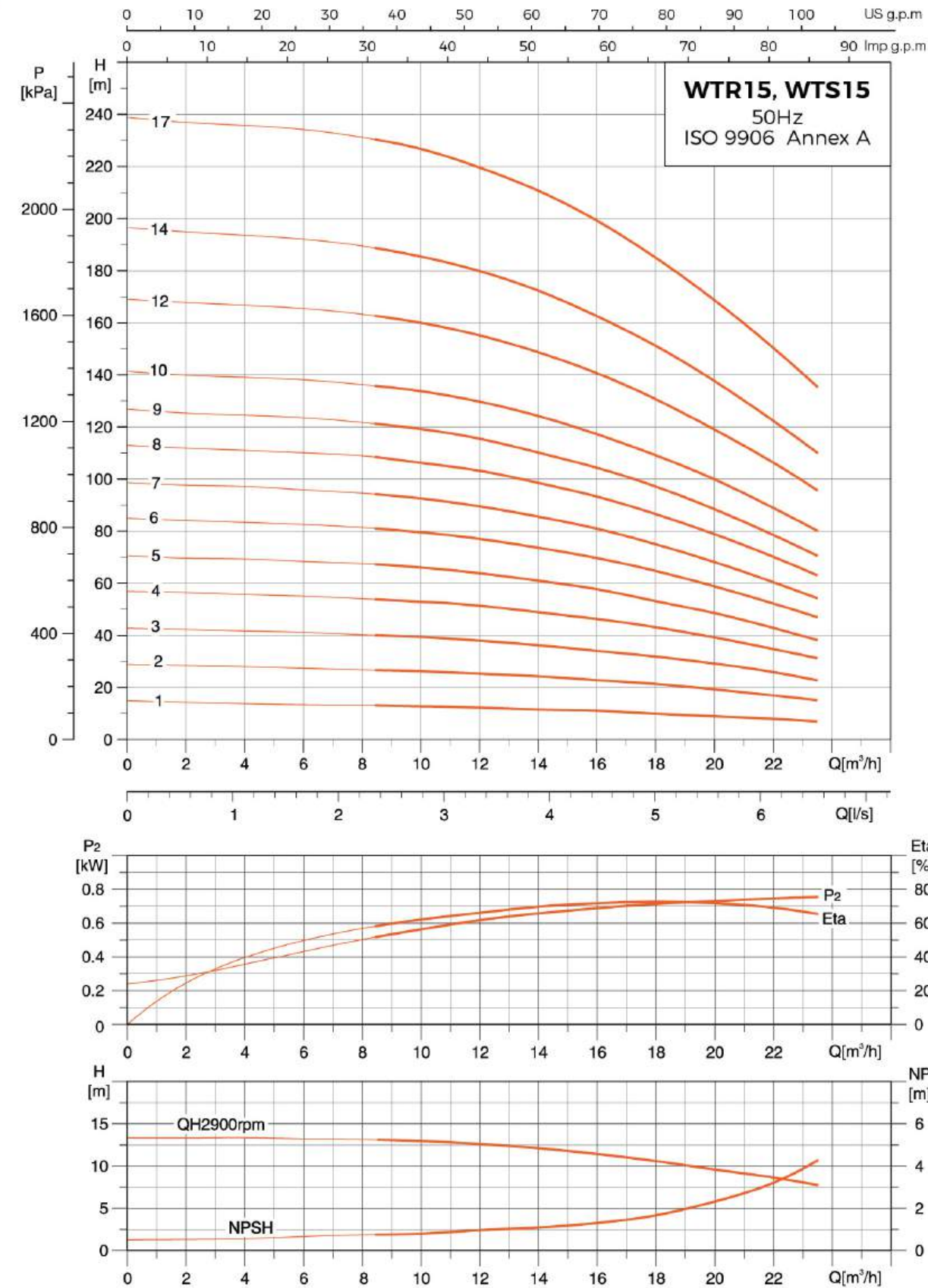


Model	DIN Flange(WTR)		DIN Flange(WTS)		D1	D2
	B1	B1+B2	B1	B1+B2		
WTR/S10-2	369	589	367	587	146	96
WTR/S(m)10-3	399	674	397	672	150	130
WTR/S(m)10-4	429	704	427	702	150	130
WTR/S(m)10-5	459	734	457	732	150	130
WTR/S(m)10-6	489	764	487	762	150	130
WTR/S10-7	524	847	522	845	164	130
WTR/S10-8	554	877	552	875	164	130
WTR/S10-9	584	907	582	905	164	130
WTR/S10-10	614	957	612	955	186	128
WTR/S10-12	674	1017	672	1015	186	128
WTR/S10-14	766	1162	764	1160	210	146
WTR/S10-16	826	1222	824	1220	210	146
WTR/S10-18	886	1282	884	1280	210	146
WTR/S10-20	946	1342	944	1340	210	146
WTR/S10-22	1006	1402	1004	1400	210	146

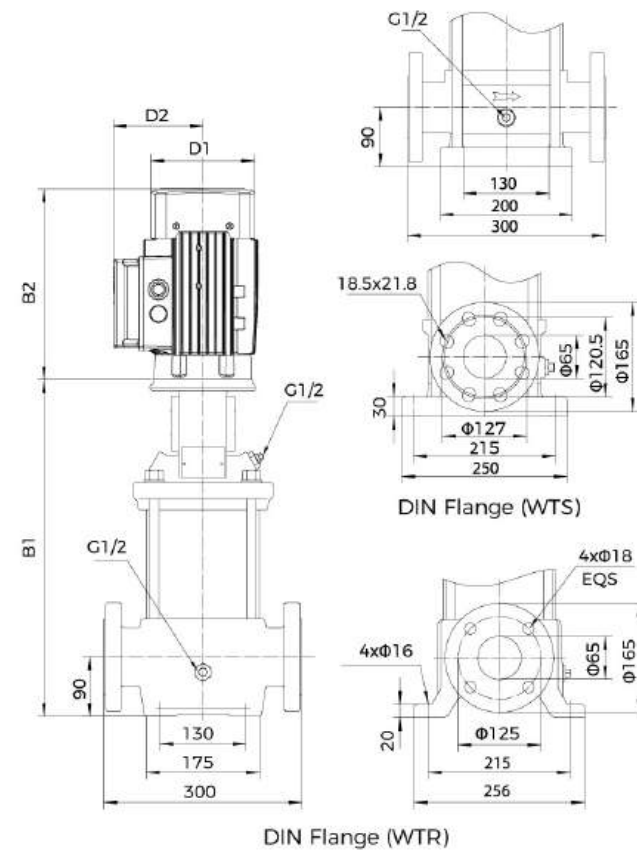
Technical Data

Model	Power(kW)	Q(m³/h)	5	6	8	10	12	13
WTR/S10-2	0.75	H(m)	20	19	18	15	12	10
WTR/S(m)10-3	1.1		30	29	26	23	18	16
WTR/S(m)10-4	1.5		40	40	36	32	26	23
WTR/S(m)10-5	2.2		51	50	46	40	33	29
WTR/S(m)10-6	2.2		61	59	55	48	39	35
WTR/S10-7	3.0		72	70	65	56	46	41
WTR/S10-8	3.0		82	80	74	64	53	46
WTR/S10-9	3.0		92	89	82	70	59	52
WTR/S10-10	4.0		102	100	93	80	66	59
WTR/S10-12	4.0		122	119	110	95	79	69
WTR/S10-14	5.5		142	140	130	113	94	82
WTR/S10-16	5.5		162	159	148	128	106	93
WTR/S10-18	7.5		185	182	169	147	123	109
WTR/S10-20	7.5		206	201	188	164	136	119
WTR/S10-22	7.5		226	221	206	178	147	130

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Dimension

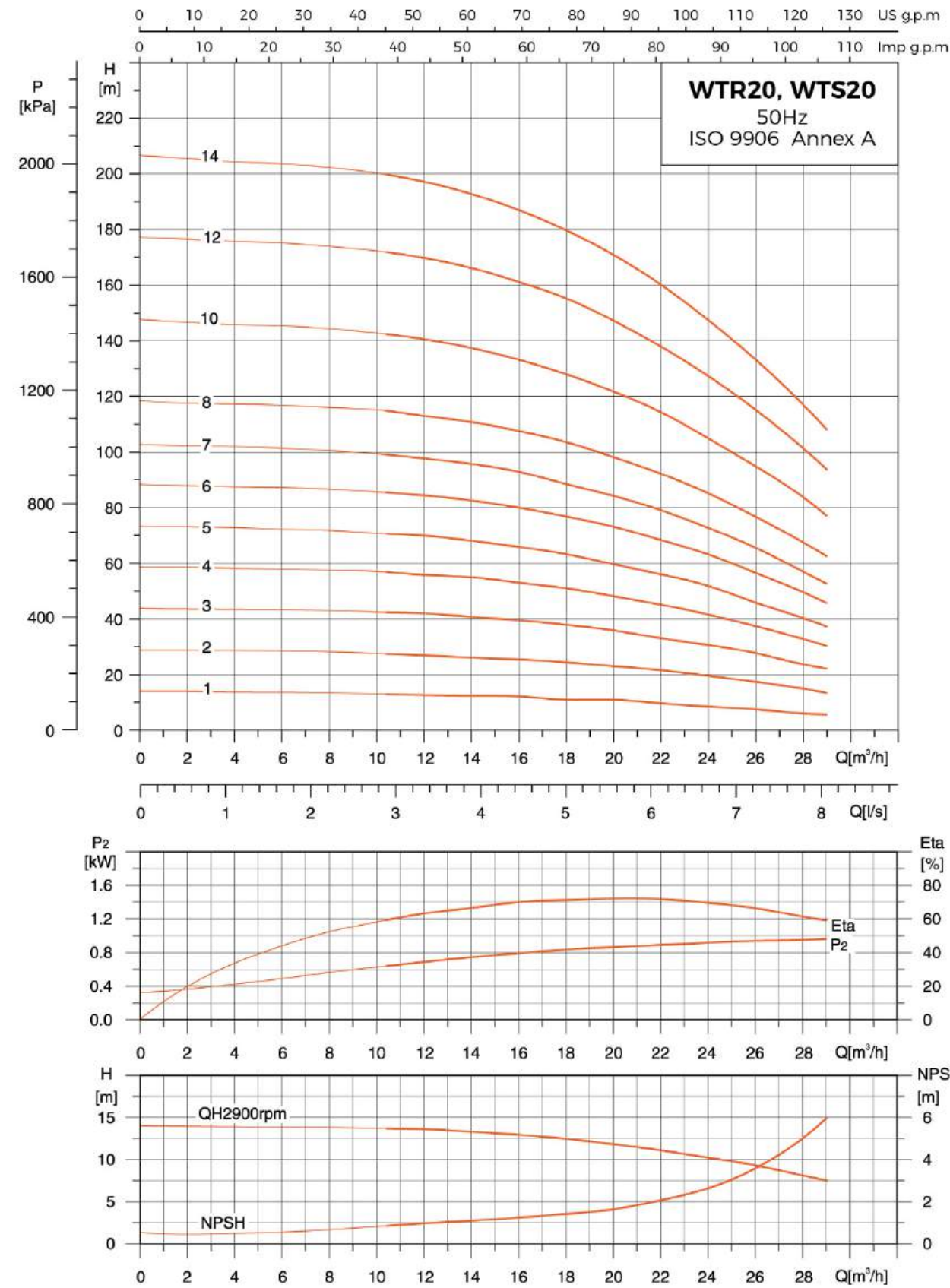


Model	DIN Flange(WTR)		DIN Flange(WTS)		D1	D2
	B1	B1+B2	B1	B1+B2		
WTR/S(m)15-1	413	688	415	690	150	130
WTR/S(m)15-2	413	688	415	690	150	130
WTR/S15-3	463	786	465	788	164	130
WTR/S15-4	508	851	510	853	186	128
WTR/S15-5	553	896	555	898	186	128
WTR/S15-6	630	1026	632	1028	210	146
WTR/S15-7	675	1071	677	1073	210	146
WTR/S15-8	720	1116	722	1118	210	146
WTR/S15-9	765	1161	767	1163	210	146
WTR(S)15-10	887	1386	889	1388	254	175
WTR(S)15-12	977	1476	979	1478	254	175
WTR(S)15-14	1067	1566	1069	1568	254	175
WTR(S)15-17	1202	1701	1204	1703	254	175

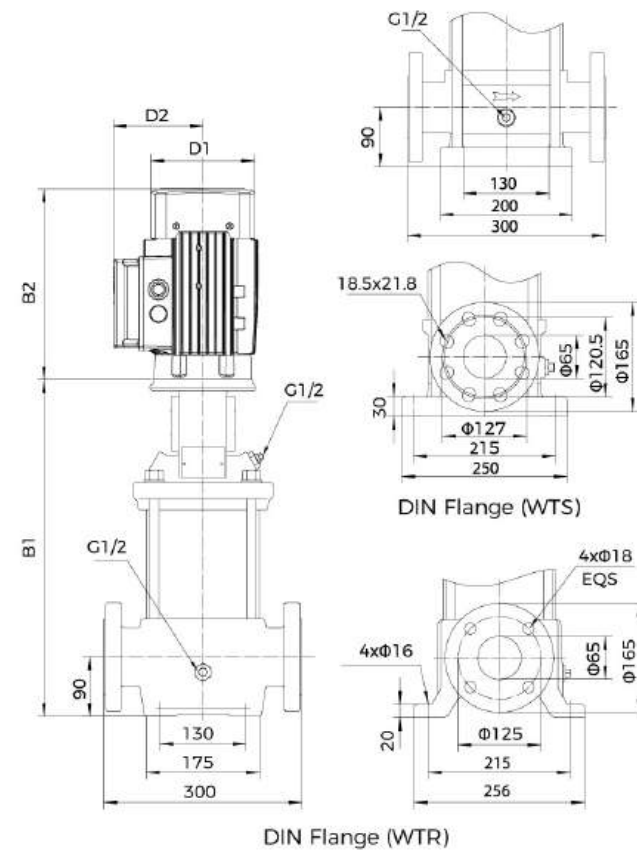
Technical Data

Model	Power(kW)	Q(m³/h)	8.5	12	15	18	21	23.5
WTR/S(m)15-1	1.1	H(m)	13	12	11	10	9	7
WTR/S(m)15-2	2.2		26	25	23	21	18	15
WTR/S15-3	3		40	38	35	32	28	22
WTR/S15-4	4		55	51	47	43	38	32
WTR/S15-5	4		68	64	58	53	48	38
WTR/S15-6	5.5		81	77	71	64	58	47
WTR/S15-7	5.5		95	89	83	75	65	52
WTR/S15-8	7.5		108	103	96	86	75	62
WTR/S15-9	7.5		121	115	108	97	84	70
WTR(S)15-10	11		137	130	120	110	92.5	80
WTR(S)15-12	11		163	157	142	131	112	93
WTR(S)15-14	11		190	180	166	152	132	111
WTR(S)15-17	15		230	220	205	185	160	138

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Dimension



Model	DIN Flange(WTR)		DIN Flange(WTS)		D1	D2
	B1	B1+B2	B1	B1+B2		
WTR/S(m)20-1	413	688	415	690	150	130
WTR/S(m)20-2	413	688	415	690	150	130
WTR/S20-3	463	806	465	808	186	128
WTR/S20-4	540	936	542	938	210	146
WTR/S20-5	585	981	587	983	210	146
WTR/S20-6	630	1026	632	1028	210	146
WTR/S20-7	675	1071	677	1073	210	146
WTR(S)20-8	797	1296	799	1298	254	175
WTR(S)20-10	887	1386	889	1388	254	175
WTR(S)20-12	977	1476	979	1478	254	175
WTR(S)20-14	1067	1566	1069	1568	254	175

Technical Data

Model	Power(kW)	Q(m³/h)	10.5	12	16	20	24	28	28.5
WTR/S(m)20-1	1.1	H(m)	13	13	12	10.5	9	6.5	6
WTR/S(m)20-2	2.2		28	27	25	22.5	19	15	13
WTR/S20-3	4		42	42	39	36	30	23	22
WTR/S20-4	5.5		58	56	53	48	41	32	30
WTR/S20-5	5.5		71	70	66	60	52	40	38
WTR/S20-6	7.5		86	84	80	72	62	49	45
WTR/S20-7	7.5		99	97	93	84	72	57	52
WTR(S)20-8	11		117	116	109	96	87	78	68
WTR(S)20-10	11		142.5	140.5	132	120	108	92	80
WTR(S)20-12	15		171	170	162	144	128	117	97
WTR(S)20-14	15		200	197	188	168	150	132	111