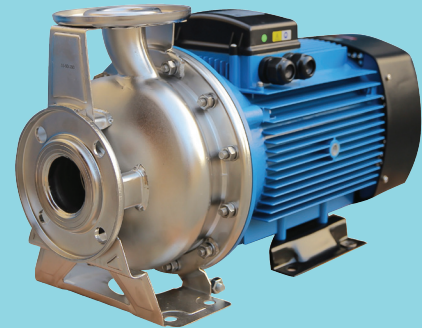


# WTX

## Complete Stainless Steel Monoblock Process Pumps



### FEATURES

- WTX, stainless steel, horizontal shaft, non-self-priming, single stage centrifugal volute pumps are made by advanced techniques such as pressing welding of corrosion resistant plate.
- Axial suction part and radial discharge part
- Inlet and outlet flanges are PN10
- Standard DIN flange connection.
- Discharge parts DN32 to DN50
- The pumps are of the back pull out design enabling removal of the motor coupling, bearing bracket and impeller without disturbing the pump housing or pipe work.
- Close-coupled centrifugal pumps, electric motor with extended shaft directly connected to the pump.
- Extended Shaft: Close-coupled by means of an adaptor bracket with an impeller keyed directly to the special motor shaft extension.  
Stub Shaft: Rigid-coupled with a bracket, an adaptor and a rigid coupling keyed to the standard motor shaft extension.
- Low noise motor with high-quality mechanical seal
- Temperature of pumped liquid -10 °C to +110 °C
- Ambient temperature up to 40 °C
- Maximum operating pressure 10 Bar
- IP55 protection, insulation class: F
- Variable Speed by optional "WDRIVE" drive

### PERFORMANCE CURVE SPECIFICATION

- Tolerances according to ISO9906 Annex A
- The curves based on the measured value of asynchronous motors at 50 Hz under the constant speed of 2900 rpm or 250 rpm.
- Measurements were carried out with clean water at 20°C of temperature and kinematics viscosity  $V = 1 \text{ mm}^2/\text{s}(\text{cst})$
- In order to avoid the risk of over-heating, the pumps should not be used at a flow rate below 10% of best efficiency point.

### APPLICATION

Water Technologies WTX series is a sort of multi-functional product with wide application. It is suitable for many different applications demanding reliable and efficient products that require constant or variable duty points in cost saving operation.

### Commercial Building Services Applications

#### HVAC

- Liquid transfer in heating and air-conditioning systems
- Liquid transfer in ventilating systems
- Liquid transfer with mildly aggressive liquids or environment

#### WATER SUPPLY

- Pressure boosting in commercial buildings
- Irrigation systems
- Water transfer for green houses
- Fire-fighting systems

#### DIVERSE OEM APPLICATIONS

Industry Applications

#### PROCESS

- Process cooling, process heating and air-conditioning
- Heat recovery systems

#### WATER SUPPLY

- Pressure boosting
- Irrigation systems
- Water transfer for green houses
- Moving industrial and mildly aggressive liquids or environment

#### WATER TREATMENT

- Washing and cleaning plants
- Water treatment

#### EMPTYING

Most Commonly Used Liquids

- Caustic Soda (25%)
- Water Deionized (100%)
- Citric Acid (25%)
- Acetic Acid (80%)
- Cutting Fluid (100%)
- Clean Water (100%)
- Cleaning Products (5%)
- Emulsion Oil and Water (any)
- Ethylene glycol (50%)
- Mineral Oil (100%)
- Sulphuric Acid (2%, 97-98%)
- Vegetable Oil (particle-free) (100%)
- Glycerin (100%)

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX

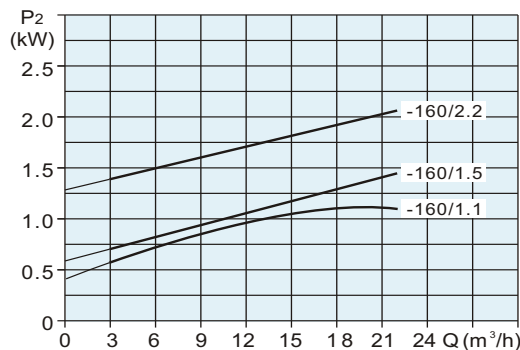
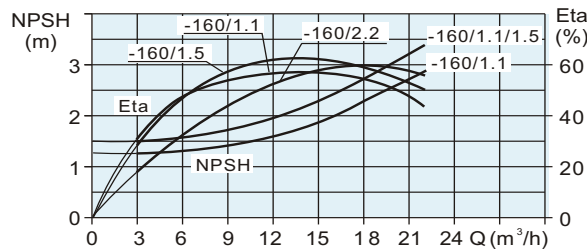
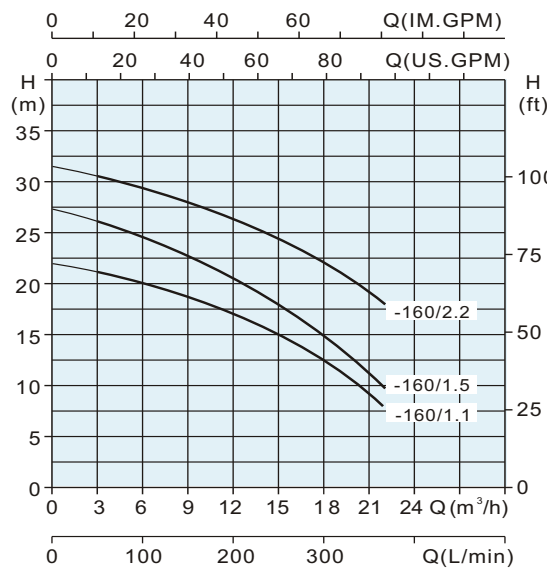
Pump Model	P2		Flow Rate (Q)																					
			l/min	0	50	100	150	166	200	250	300	333	350	416	500	583	666	750	833	916	1000	1083	1166	
	kW	HP	m³/h	0	3	6	9	10	12	15	18	20	21	25	30	35	40	45	50	55	60	65	70	
WTX 32-160/1,1	1,1	1,5	H (m)	21,5	21	20	18,5	17,7	16,9	15	12,5	10	8,7											
WTX 32-160/1,5	1,5	2		27	26	24,5	22,5	21,3	20,4	18	15	12,5	11											
WTX 32-160/2,2	2,2	3		32	30,5	29,5	27,5	27	26,2	24	22	20	18,7											
WTX 32-200/3	3	4		39	38	37	35,2	34,8	33,8	32	29,3	27,8	27											
WTX 32-200/4	4	5,5		54	51,5	50	48	47	45,4	43	40,7	36,7	36											
WTX 32-200/5,5	5,5	7,5		65	62	60,4	58	57	54,9	51,4	46,8	42	40											
WTX 40-125/1,5	1,5	2		21				18,7	18	17,5	16,5	16	15,5	13,5	10,5									
WTX 40-125/2,2	2,2	3		28				26	25	24	23	22	21,5	20	17	14								
WTX 40-125/3	3	4		31				30	29,2	28,6	27,5	27	26,5	25	22	18								
WTX 40-160/4	4	5,5		40				38	37	36,5	34,9	34	33,5	31	28	24	19							
WTX 40-200/5,5	5,5	7,5		47				46	45,7	45,5	44	43,5	43	41	38	34	30							
WTX 40-200/7,5	7,5	10		52				51,5	51,2	51	49,8	49,5	48,7	47,5	45	42	38							
WTX 40-200/11	11	15		69				69	68,7	68,5	68,2	68	67,7	67	66	64	60							
WTX 50-125/3	3	4		26						23,7	23,3	23	22,5	21,3	20	17,5	16	12,6	10					
WTX 50-125/4	4	5,5		28						26,3	25,6	25,3	24,8	23,7	23	21,3	19,8	17,5	16					
WTX 50-160/5,5	5,5	7,5		35								34	33,9	32,5	31,5	30	28,5	27	24,9					
WTX 50-200/7,5	7,5	10		42								40,5	40,4	40	39	37,5	36	34	32					
WTX 50-200/9,2	9,2	12,5		52								50	49,9	49	48,5	47	45	43	41					
WTX 50-200/11	11	15		58								55	54,8	54,4	53	52	51	48,5	47	35	31			
WTX 50-200/15	15	20		71								67,5	66,9	66,5	65,2	64,8	63,5	62	60	53	50			
WTX 50-200/18,5	18,5	25	73								71	70,8	70,5	70,1	69,9	69	68	67	62	59				

Pump Model	P2		Flow Rate (Q)																					
			l/min	0	666	833	1000	1083	1166	1333	1416	1500	1666	1833	2000	2166	2333	2500	2666	2833	3000	3200	3333	
	kW	HP	m³/h	0	40	50	60	65	70	80	85	90	100	110	120	130	140	150	160	170	180	192	200	
WTX 65-125/4	4	5,5	H (m)	21	19	18	16,8	16	15	13	12	11	9											
WTX 65-125/5,5	5,5	7,5		24	22	21	20,3	19,5	19	18	17	16,1	14,8	12,7	10									
WTX 65-125/7,5	7,5	10		28	27	26	25,5	25	24,3	23	22,2	21,9	20	18	15									
WTX 65-125/9,2	9,2	12,5		31	30	29,4	29	28,4	28,1	27	26,5	26,1	25	23,5	22	19								
WTX 65-160/11	11	15		37	36	35	34	33,4	33	32	31,5	31	29	27	25	22								
WTX 65-160/15	15	20		46	44	43	42	41	40,3	39	38,5	38	37	35,8	33,5	32								
WTX 65-200/18,5	18,5	25		55	53	52	51,4	51	50,3	49	48,5	48	47	45,3	44	41								
WTX 65-200/22	22	30		63	60	59,6	58,2	57,5	57	56,5	55,8	55	54	53	50,5	49								
WTX 65-200/30	30	40		75	73	72	71,5	71	70,1	69,5	69	68	67	66	64	63								
WTX 80-160/11	11	15		27			26	25,5	25	24,5	24	23,5	23	22,5	22	21,4	20	18,5	17	16,6	14,5	11		
WTX 80-160/15	15	20		36			34,9	34,5	33,7	33	32,4	32	31	30,2	29	28,5	27	26	24	22,5	21,3	19	18	
WTX 80-160/18,5	18,5	25		42			39,5	39	38,8	38	37,5	37	36,5	36	35,1	33,7	33	31,2	30	27,5	26,5	23,5	22	
WTX 80-200/22	22	30		49			46	45,5	45	44,5	44	43,5	43	41	40,6	39,5	38	36,5	35	33	31	27	26	
WTX 80-200/30	30	40		61			57,5	57	56,5	56	55,5	55,3	55	53	52	50	49	47,5	46	43	41	37	36	
WTX 80-200/37	37	50		69			66	65,7	65,5	65	64,5	64	63	62,5	61	60	59	57,5	56	53	51,5	48,5	47	

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX 32-160

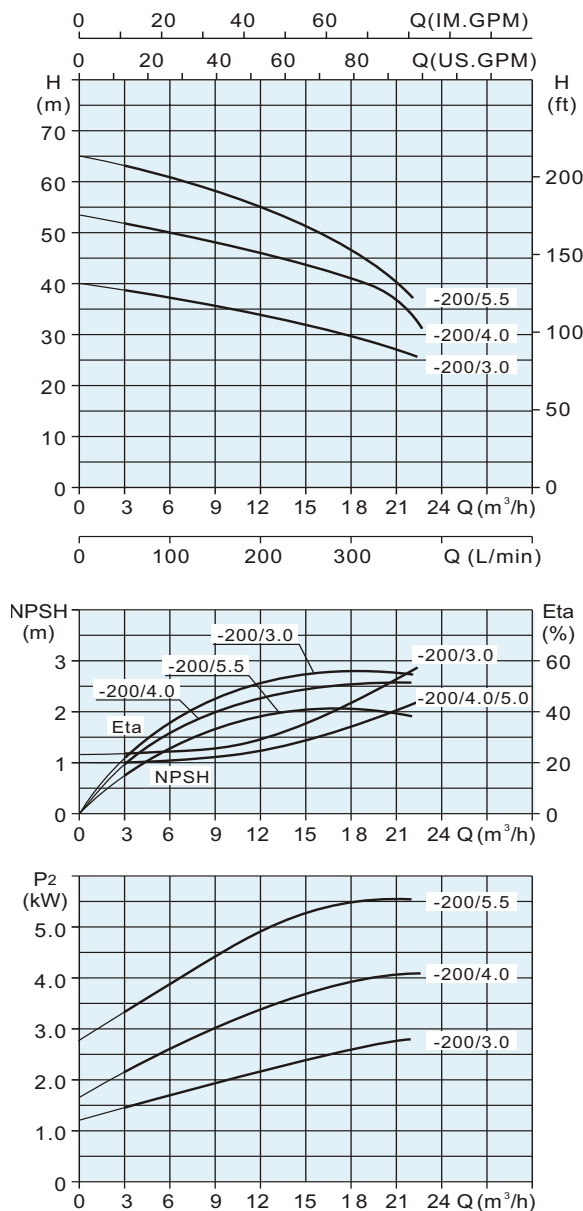


PUMP MODEL	P2		FLOW RATE (Q)												
			l/min	0	50	100	150	166	200	208	250	300	333	350	336
	m³/h	0	3	6	9	10	12	12,5	15	18	20	21	22		
WTX 32-160/1,1	1,1	1,5	H (m)	21,5	21	20	18,5	17,7	16,9	16,5	15	12,5	10	8,7	8
WTX 32-160/1,5	1,5	2		27	26	24,5	22,5	21,3	20,4	20	18	15	12,5	11	9,5
WTX 32-160/2,2	2,2	3		32	30,5	29,5	27,5	27	26,2	26	24	22	20	18,7	18

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX 32-200

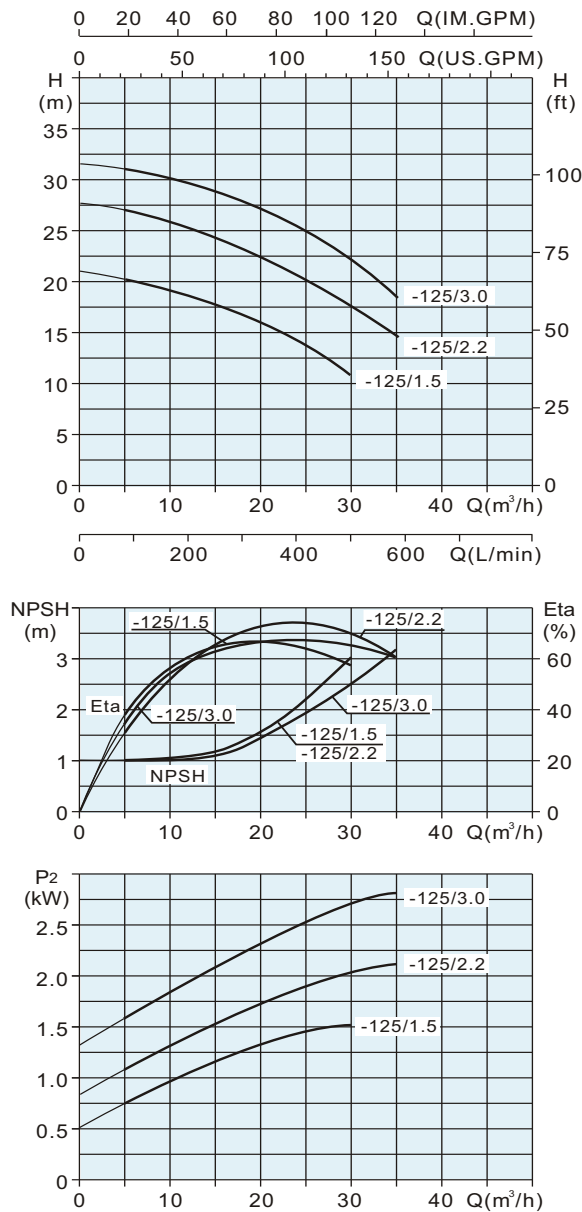


PUMP MODEL	P2		FLOW RATE (Q)													
			l/min	0	50	100	150	166	200	208	250	300	333	350	366	
	kW	HP	m³/h	0	3	6	9	10	12	12,5	15	18	20	21	22	
WTX 32-200/3	3	4	H (m)	39	38	37	35,2	34,8	33,8	33,5	32	29,3	27,8	27	26	
WTX 32-200/4	4	5,5		54	51,5	50	48	47	45,4	45	43	40,7	36,7	36	30	
WTX 32-200/5,5	5,5	7,5		65	62	60,4	58	57	54,9	54	51,4	46,8	42	40	37	

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX 40-125

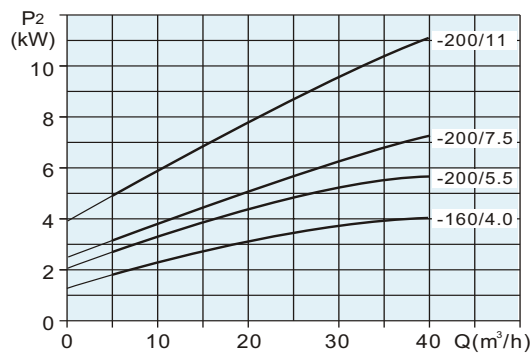
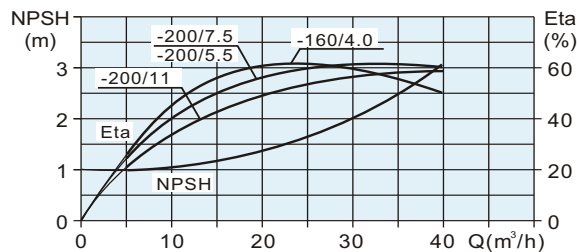
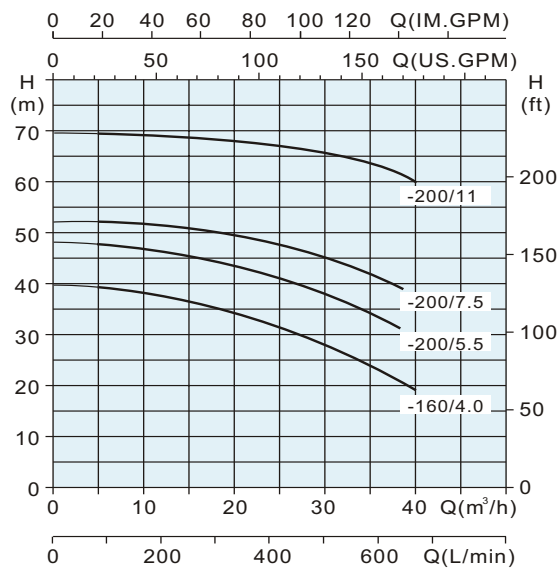


PUMP MODEL	P2		FLOW RATE (Q)											
			l/min	0	83	166	200	250	300	333	350	416	500	583
	kW	HP	m³/h	0	5	10	12	15	18	20	21	25	30	35
WTX 40-125/1,5	1,5	2	H (m)	21	20	18,7	18	17,5	16,5	16	15,5	13,5	10,5	
WTX 40-125/2,2	2,2	3		28	27	26	25	24	23	22	21,5	20	17	14
WTX 40-125/3	3	4		31	31	30	29,2	28,6	27,5	27	26,5	25	22	18

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX 40-160 & 200

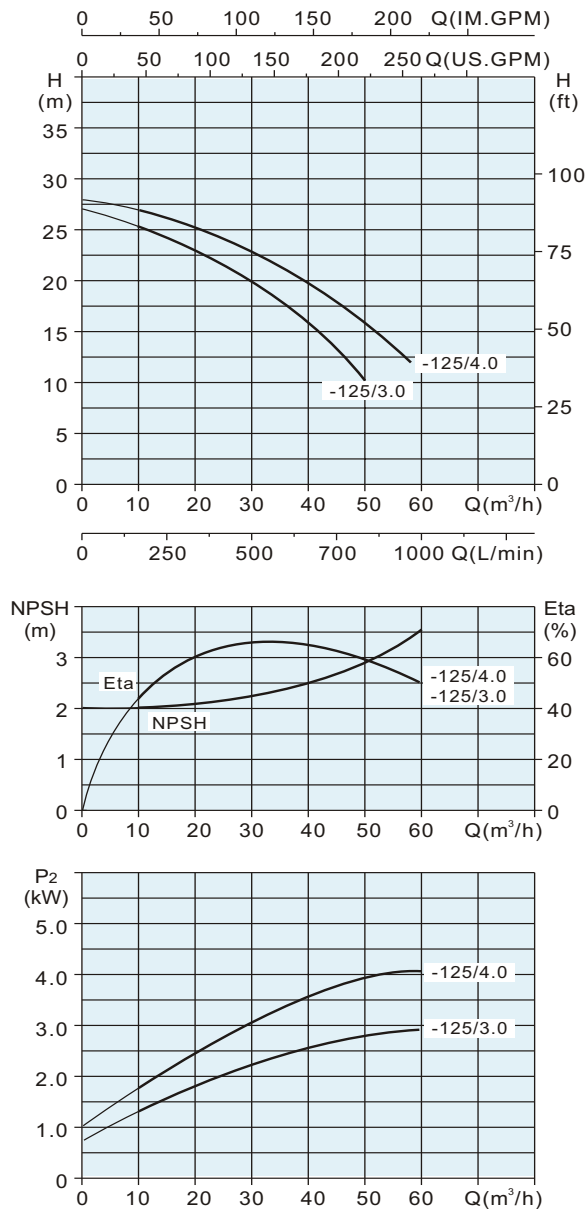


PUMP MODEL	P2		FLOW RATE (Q)												
			l/min	0	83	166	200	250	300	333	350	416	500	583	666
	kW	HP	m³/h	0	5	10	12	15	18	20	21	25	30	35	40
WTX 40-160/4	4	5,5	H (m)	40	39	38	37	36,5	34,9	34	33,5	31	28	24	19
WTX 40-200/5,5	5,5	7,5		47	46	46	45,7	45,5	44	43,5	43	41	38	34	30
WTX 40-200/7,5	7,5	10		52	51	51,5	51,2	51	49,8	49,5	48,7	47,5	45	42	38
WTX 40-200/11	11	15		69	68	69	68,7	68,5	68,2	68	67,7	67	66	64	60

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX 50-125

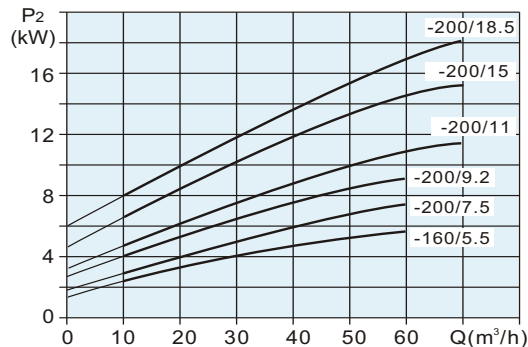
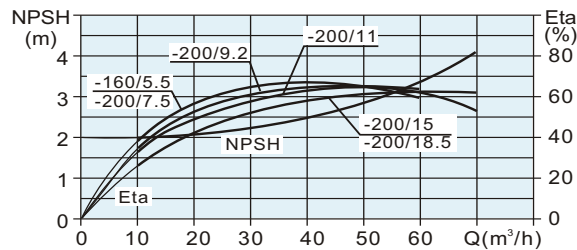
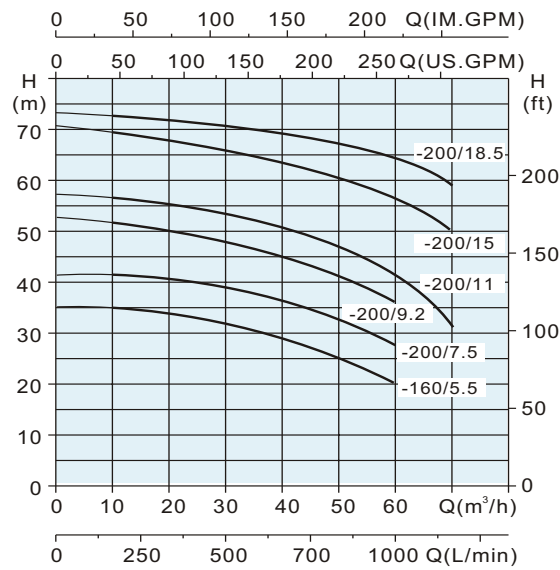


PUMP MODEL	P2		FLOW RATE (Q)												
			l/min m³/h	0	250	300	333	350	416	500	583	666	750	833	
WTX 50-125/3	3	4	H (m)	27	23,7	23,3	23	22,5	21,3	20	17,5	16	12,6	10	
WTX 50-125/4	4	5,5	H (m)	28	26,3	25,6	25,3	24,8	23,7	23	21,3	19,8	17,5	16	

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX 50-160 & 200



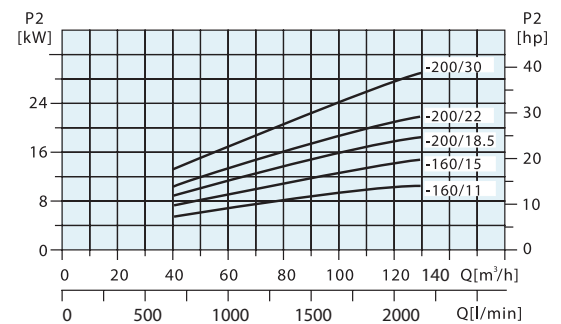
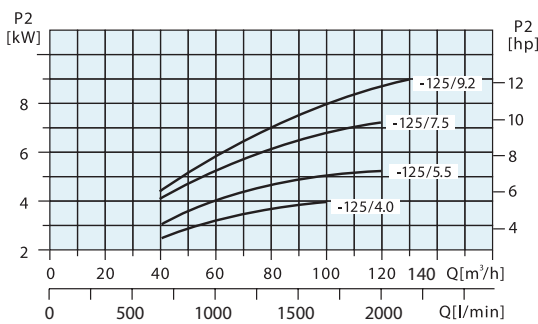
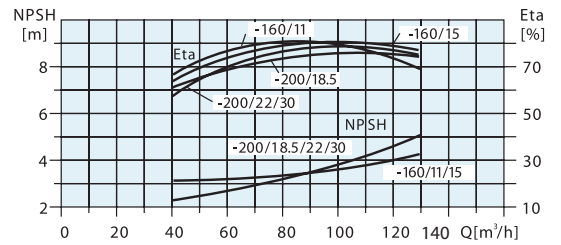
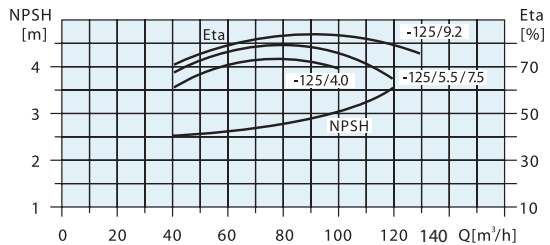
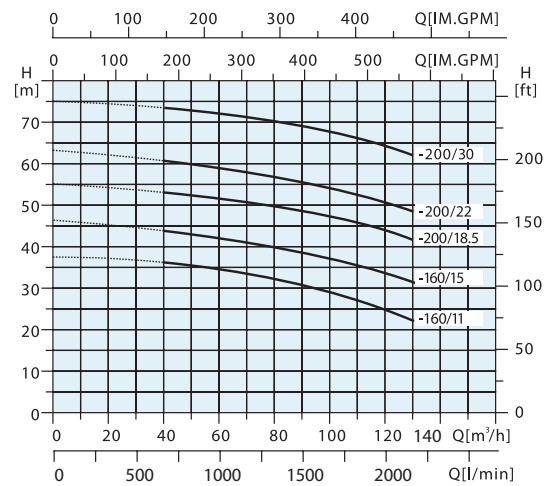
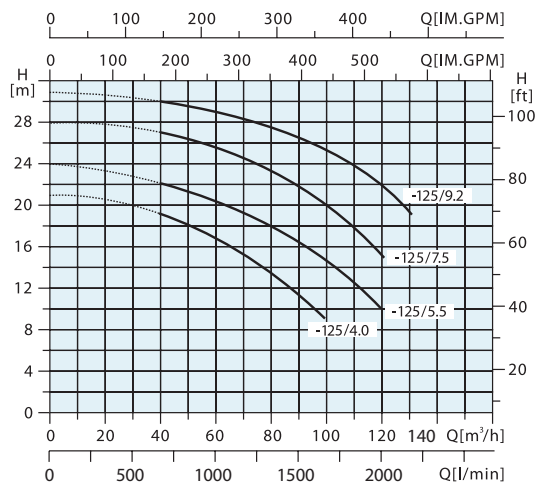
PUMP MODEL	P2		FLOW RATE (Q)												
			l/min	0	333	350	416	500	583	666	750	833	916	1000	
	m³/h	0	20	21	25	30	35	40	45	50	55	60			
WTX 50-160/5,5	5,5	7,5	H (m)	35	34	33,9	32,5	31,5	30	28,5	27	24,9			
WTX 50-200/7,5	7,5	10		42	40,5	40,4	40	39	37,5	36	34	32			
WTX 50-200/9,2	9,2	12,5		52	50	49,9	49	48,5	47	45	43	41			
WTX 50-200/11	11	15		58	55	54,8	54,4	53	52	51	48,5	47	35	31	
WTX 50-200/15	15	20		71	67,5	66,9	66,5	65,2	64,8	63,5	62	60	53	50	
WTX 50-200/18,5	18,5	25		73	71	70,8	70,5	70,1	69,9	69	68	67	62	59	



# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX 65

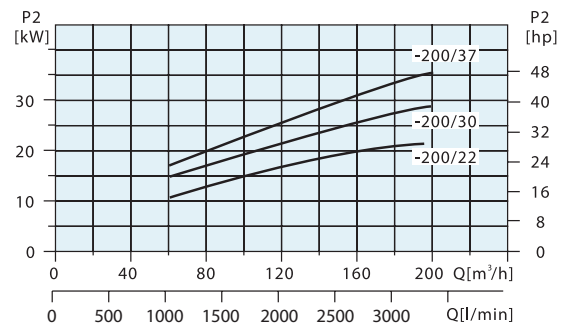
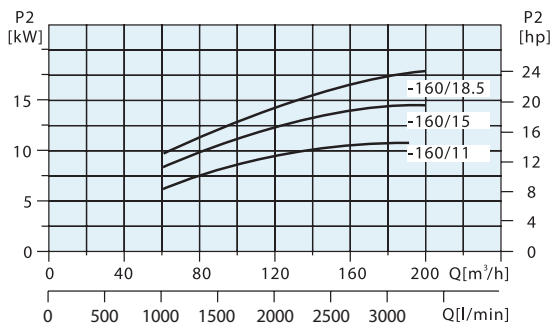
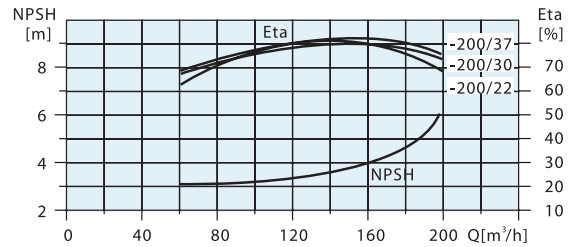
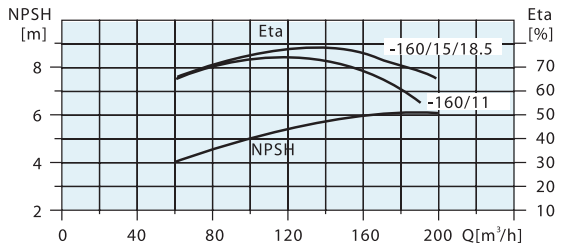
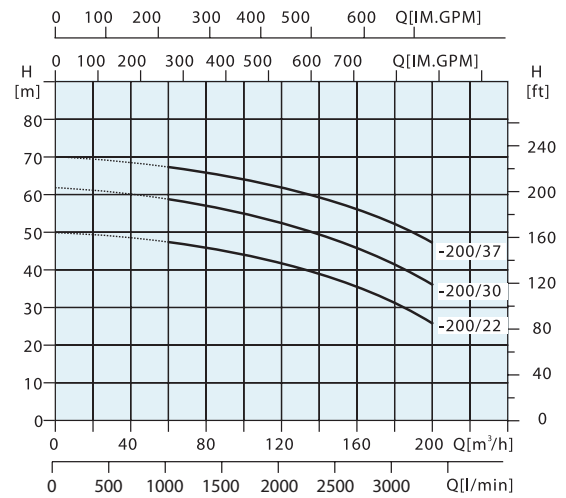
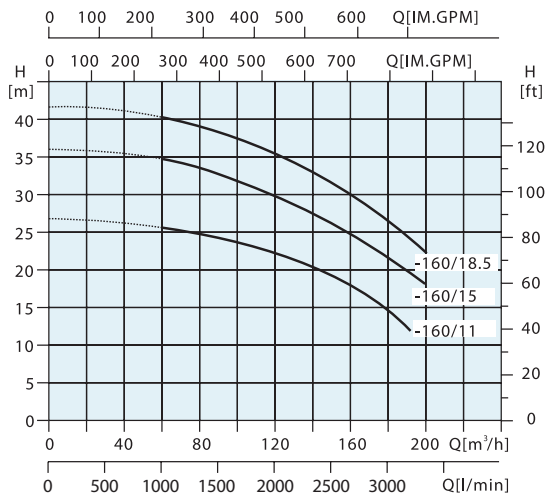


PUMP MODEL	P2		FLOW RATE (Q)													
			l/min	0	666	833	1000	1083	1166	1333	1416	1500	1666	1833	2000	2166
	m³/h	0	40	50	60	65	70	80	85	90	100	110	120	130		
WTX 65-125/4	4	5,5	H (m)	21	19	18	16,8	16	15	13	12	11	9			
WTX 65-125/5,5	5,5	7,5		24	22	21	20,3	19,5	19	18	17	16,1	14,8	12,7	10	
WTX 65-125/7,5	7,5	10		28	27	26	25,5	25	24,3	23	22,2	21,9	20	18	15	
WTX 65-125/9,2	9,2	12,5		31	30	29,4	29	28,4	28,1	27	26,5	26,1	25	23,5	22	19
WTX 65-160/11	11	15		37	36	35	34	33,4	33	32	31,5	31	29	27	25	22
WTX 65-160/15	15	20		46	44	43	42	41	40,3	39	38,5	38	37	35,8	33,5	32
WTX 65-200/18,5	18,5	25		55	53	52	51,4	51	50,3	49	48,5	48	47	45,3	44	41
WTX 65-200/22	22	30		63	60	59,6	58,2	57,5	57	56,5	55,8	55	54	53	50,5	49
WTX 65-200/30	30	40		75	73	72	71,5	71	70,1	69,5	69	68	67	66	64	63

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### WTX 80

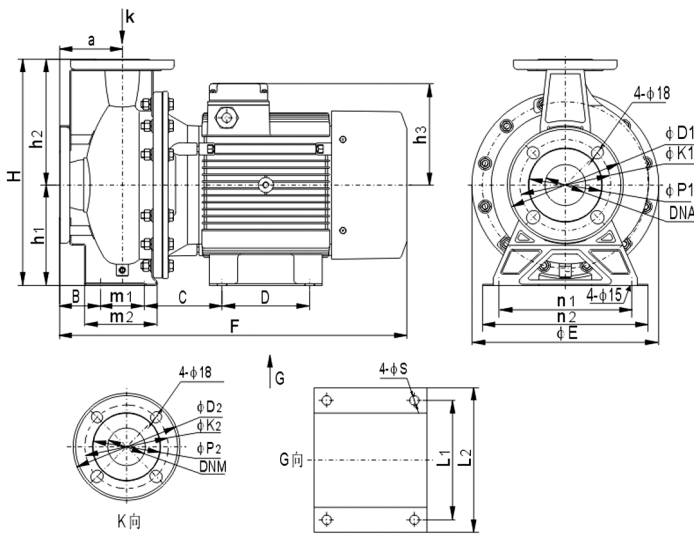


PUMP MODEL	P2		FLOW RATE (Q)																		
			l/min	0	1000	1083	1166	1333	1416	1500	1666	1833	2000	2166	2333	2500	2666	2833	3000	3200	3333
	m³/h	0	60	65	70	80	85	90	100	110	120	130	140	150	160	170	180	192	200		
WTX 80-160/11	11	15	H (m)	27	26	25,5	25	24,5	24	23,5	23	22,5	22	21,4	20	18,5	17	16,6	14,5	11	
WTX 80-160/15	15	20		36	34,9	34,5	33,7	33	32,4	32	31	30,2	29	28,5	27	26	24	22,5	21,3	19	18
WTX 80-160/18,5	18,5	25		42	39,5	39	38,8	38	37,5	37	36,5	36	35,1	33,7	33	31,2	30	27,5	26,5	23,5	22
WTX 80-200/22	22	30		49	46	45,5	45	44,5	44	43,5	43	41	40,6	39,5	38	36,5	35	33	31	27	26
WTX 80-200/30	30	40		61	57,5	57	56,5	56	55,5	55,3	55	53	52	50	49	47,5	46	43	41	37	36
WTX 80-200/37	37	50		69	66	65,7	65,5	65	64,5	64	63	62,5	61	60	59	57,5	56	53	51,5	48,5	47

# WTX

## Complete Stainless Steel Monoblock Process Pumps

### Performance Tables and Dimensions



Part	Material
Pump Body	AISI 304/AISI 316
Impeller	AISI 304/AISI 316
Shaft	AISI 304/AISI 316
Mechanical Seal	SIC/SIC/EPDM

Model	P2 (kW)	φE	F	h	h1	h2	h3	a	m1	m2	n1	n2	B	C	D	φS	L1	L2	φD1	φk1	φP1	φD2	φK2	φP2	DNA	DNM
WTX 32-160	1,1	210	395	255	112	143	134	80	70	115	160	190	45	95	90	12	125	155	165	125	96	140	100	76	50	32
WTX 32-160	1,5	210	395	255	112	143	134	80	70	115	160	190	45	95	90	12	125	155	165	125	96	140	100	76	50	32
WTX 32-160	2,2	210	428	255	112	143	119	80	70	115	160	190	45	111	100	12	160	190	165	125	96	140	100	76	50	32
WTX 32-200	3,0	300	460	340	160	180	119	80	70	118	190	240	45	109	100	12	160	190	165	125	96	140	100	76	50	32
WTX 32-200	4,0	300	520	340	160	180	162	80	70	118	190	240	45	122	140	15	190	225	165	125	96	140	100	76	50	32
WTX 32-200	5,5	300	593	340	160	180	182	80	70	118	190	240	45	161	140	15	216	255	165	125	96	140	100	76	50	32
WTX 40-125	1,5	210	395	255	112	143	134	80	70	115	160	190	45	95	90	12	125	155	185	145	115	150	110	80	65	40
WTX 40-125	2,2	210	425	255	112	143	119	80	70	115	160	190	45	111	100	12	160	190	185	145	115	150	110	80	65	40
WTX 40-125	3,0	250	460	292	132	160	119	80	70	118	190	240	45	111	100	12	160	190	185	145	115	150	110	80	65	40
WTX 40-160	4,0	250	520	292	132	160	162	80	70	118	190	240	45	148	140	15	190	230	185	145	115	150	110	80	65	40
WTX 40-200	5,5	300	615	360	160	200	182	100	70	118	212	264	65	161	140	15	216	255	185	145	115	150	110	80	65	40
WTX 40-200	7,5	300	615	360	160	200	182	100	70	118	212	264	65	161	140	15	216	255	185	145	115	150	110	80	65	40
WTX40-200	11,0	350	671	360	160	200	255	100	70	118	212	264	65	147	210	15	254	320	185	145	115	150	110	80	65	40
WTX 50-125	3,0	250	455	292	132	160	119	80	70	115	190	240	45	110	100	12	160	190	185	145	115	165	125	96	65	50
WTX 50-125	4,0	250	520	292	132	160	162	80	70	115	190	240	45	148	140	15	190	230	185	145	115	165	125	96	65	50
WTX 50-160	5,5	300	615	360	160	200	182	100	70	118	212	264	65	161	140	15	216	255	185	145	115	165	125	96	65	50
WTX 50-200	7,5	300	615	360	160	200	182	100	70	118	212	264	65	161	140	15	216	255	185	145	115	165	125	96	65	50
WTX 50-200	9,2	300	617	360	160	200	182	100	70	118	212	264	65	161	140	15	216	255	185	145	115	165	125	96	65	50
WTX 50-200	11,0	350	671	360	160	200	255	100	70	118	212	264	65	147	210	15	254	320	185	145	115	165	125	96	65	50
WTX 50-200	15,0	350	671	360	160	200	255	100	70	118	212	264	65	147	210	15	254	320	185	145	115	165	125	96	65	50
WTX 50-200	18,5	350	715	360	160	200	255	100	70	118	212	264	65	147	254	15	254	320	185	145	115	165	125	96	65	50
WTX 65-125	4	256	514	340	160	180	162	100	95	152	212	250	53	105	140	15	190	230	200	160	132	185	145	115	80	65
WTX 65-125	5,5	256	530	340	160	180	162	100	95	152	212	250	53	113	140	15	190	230	200	160	132	185	145	115	80	65
WTX 65-125	7,5	256	568	340	160	180	162	100	95	152	212	250	53	113	140	15	190	230	200	160	132	185	145	115	80	65
WTX 65-125	9,2	256	636	340	160	180	179	100	95	152	212	250	53	175	140	15	216	255	200	160	132	185	145	115	80	65
WTX 65-160	11	300	620	360	160	200	179	100	95	152	212	250	53	152	140	15	216	255	200	160	132	185	145	115	80	65
WTX 65-160	15	300	662	292	160	200	179	100	95	152	212	250	53	152	140	15	216	255	200	160	132	185	145	115	80	65
WTX 65-200	18,5	300	748	405	180	225	255	100	95	148	250	290	5	456	-	15	254	320	200	160	132	185	145	115	80	65
WTX 65-200	22	300	776	405	180	225	275	100	95	148	250	290	53	169	241	15	279	355	200	160	132	185	145	115	80	65
WTX 65-200	30	300	844	405	180	225	308	100	95	148	250	290	53	177	305	18,5	318	386	200	160	132	185	145	115	80	65
WTX 80-160	11	256	669	405	180	225	179	125	95	176	250	290	78	183	140	15	216	255	220	180	152	200	160	132	100	80
WTX 80-160	15	256	711	405	180	225	179	125	95	176	250	290	78	183	140	15	216	255	220	180	152	200	160	132	100	80
WTX 80-200	18,5	256	769	405	180	225	255	125	95	176	250	290	78	452	-	15	254	320	220	180	152	200	160	132	100	80
WTX 80-200	22	300	811	430	180	250	275	125	95	176	280	320	78	180	241	15	279	355	220	180	152	200	160	132	100	80
WTX 80-200	30	300	880	450	200	250	308	125	95	176	280	320	78	188	305	18,5	318	386	220	180	152	200	160	132	100	80
WTX 80-200	37	300	880	450	200	250	308	125	95	176	280	320	78	188	305	18,5	318	386	220	180	152	200	160	132	100	80