

# Wilo TWI Series Submittal Data Sheet Booklet



WIL-SDSB-08-11

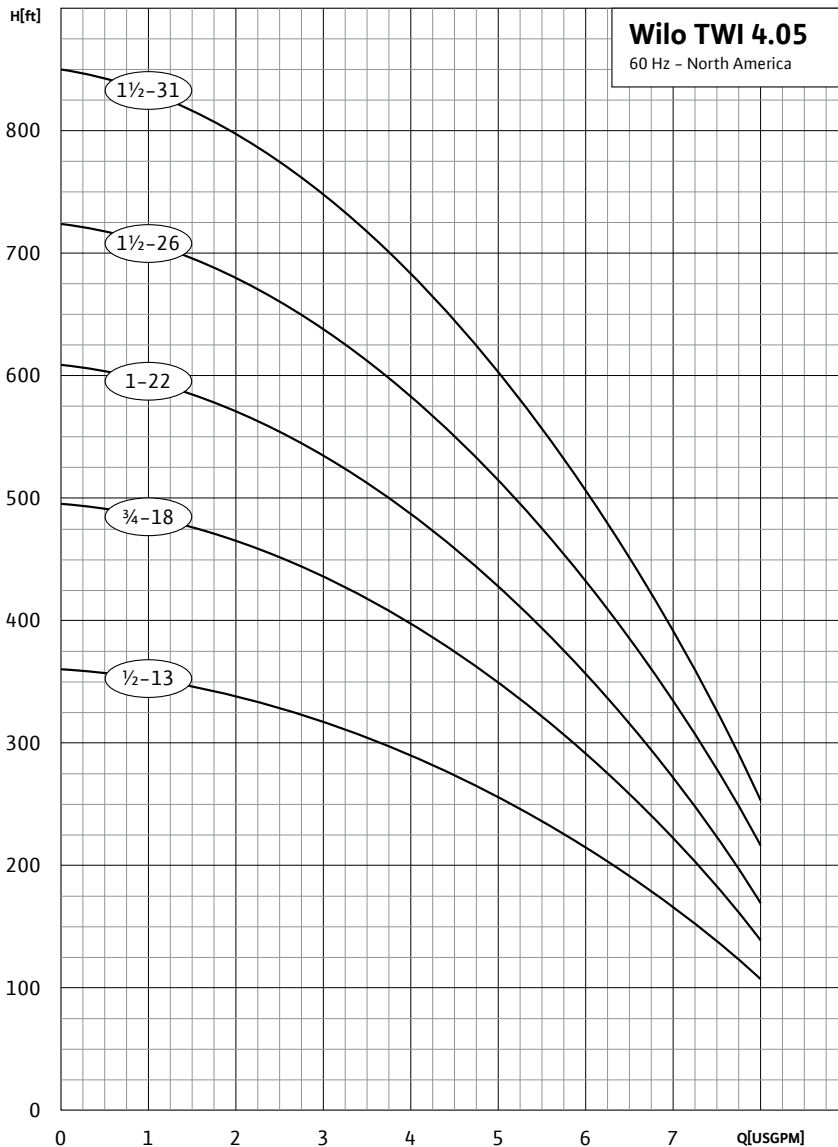
# Submittal Data Sheet

Wilco TWI 4" Stainless Steel Submersibles - 5 GPM



**TWI 4.05**

	Project:							
	Engineer:							
	Contractor:							
	Submitted By:						Date:	
	Approved By:						Date:	
Tag #	Model #	Flow	Head	HP	Wire	Phase	Volt	RPM



**Materials of Construction**

Discharge	304 SS
Diffuser	304 SS
Impeller	304 SS
Split Cone	304 SS
Split Cone Nut	304 SS
Stop Ring	Carbon/Graphite/PTFE
Neck Ring Retainer	304 SS
Strainer	304 SS
Suction Interconnector	304 SS
Pump Shaft	431 SS
Coupling	304 SS
Strap	304 SS
Cable Guard	304 SS
Neck Ring	304 SS /NBR
Nut	304 SS
Bearing	NBR

**Technical Data**

Available Voltages	1~ 115/230V 3~ 115/230/460V 60 Hz
Fluid temperature:	37°-86°F (3°-30°C)
Max. Head	835 Ft.
Max. sand content:	50 g/m <sup>3</sup>
Max. submersion depth:	1000 Ft.
Protection class:	IP 68

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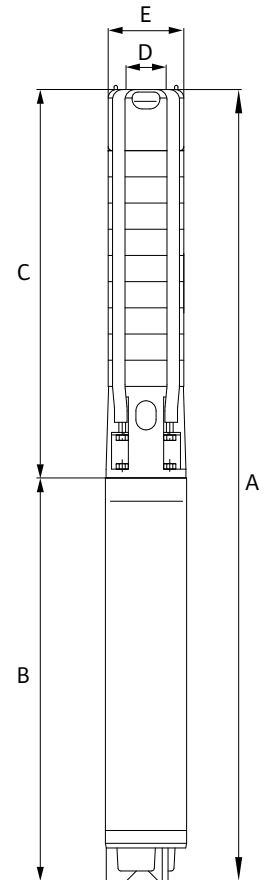
# Submittal Data Sheet

Wilo TWI 4" Stainless Steel Submersibles – 5 GPM



TWI 4.05

Weights and Dimensions													
Motor Type	Model	Mtr. Dia. (In)	HP	PH	Volts	Dimensions (In)					Weights (Lbs)		
						A	B	C	D	E	Complete Unit	Pump End	Motor
2 Wire	TWI4.05-13.05	4	½	1	115	28.3	11.0	17.3	1 ¼	3.9	28	8	20
	TWI4.05-13.05	4	½	1	230	28.3	11.0	17.3			28	8	20
	TWI4.05-18.07	4	¾	1	230	33.9	12.4	21.5			33	10	23
	TWI4.05-22.10	4	1	1	230	38.1	13.3	24.8			37	12	25
	TWI4.05-26.15	4	1½	1	230	43	14.9	28.1			43	13	30
	TWI4.05-31.15	4	1½	1	230	48	14.9	33.1			50	20	30
3 Wire	TWI4.05-13.05	4	½	1	115	27.3	10.0	17.3	1 ¼	3.9	27	8	19
	TWI4.05-13.05	4	½	1	230	27	9.7	17.3			27	8	19
	TWI4.05-18.07	4	¾	1	230	32.3	10.8	21.5			32	10	22
	TWI4.05-22.10	4	1	1	230	36.5	11.7	24.8			37	12	25
	TWI4.05-26.15	4	1½	1	230	41.7	13.6	28.1			40	13	27
	TWI4.05-26.15	4	1½	3	230	39.8	11.7	28.1			46	13	23
	TWI4.05-26.15	4	1½	3	460	39.8	11.7	28.1			46	13	23
	TWI4.05-31.15	4	1½	1	230	46.7	13.6	33.1			47	20	27
	TWI4.05-31.15	4	1½	3	230	44.8	11.7	33.1			43	20	23
	TWI4.05-31.15	4	1½	3	460	44.8	11.7	33.1			43	20	23



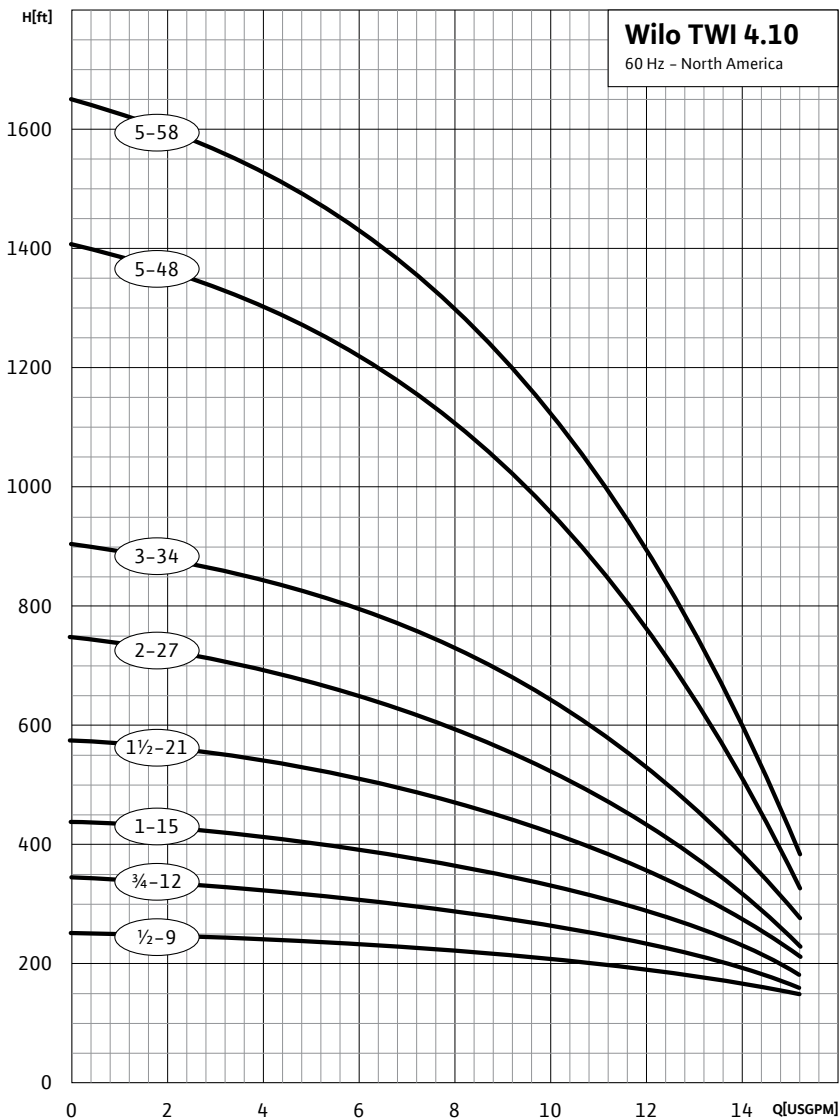
# Submittal Data Sheet

Wilco TWI 4" Stainless Steel Submersibles - 10 GPM



**TWI 4.10**

	Project:							
	Engineer:							
	Contractor:							
	Submitted By:						Date:	
	Approved By:						Date:	
Tag #	Model #	Flow	Head	HP	Wire	Phase	Volt	RPM



**Materials of Construction**

Discharge	304 SS
Diffuser	304 SS
Impeller	304 SS
Split Cone	304 SS
Split Cone Nut	304 SS
Stop Ring	Carbon/Graphite/PTFE
Neck Ring Retainer	304 SS
Strainer	304 SS
Suction Interconnector	304 SS
Pump Shaft	431 SS
Coupling	304 SS
Strap	304 SS
Cable Guard	304 SS
Neck Ring	304 SS / NBR
Nut	304 SS
Bearing	NBR

**Technical Data**

Available Voltages	1~ 115/230V 3~ 115/230/460V 60 Hz
Fluid temperature:	37°-86°F (3°-30°C)
Max. Head	900 Ft.
Max. sand content:	50 g/m <sup>3</sup>
Max. submersion depth:	1000 Ft.
Protection class:	IP 68

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# Submittal Data Sheet

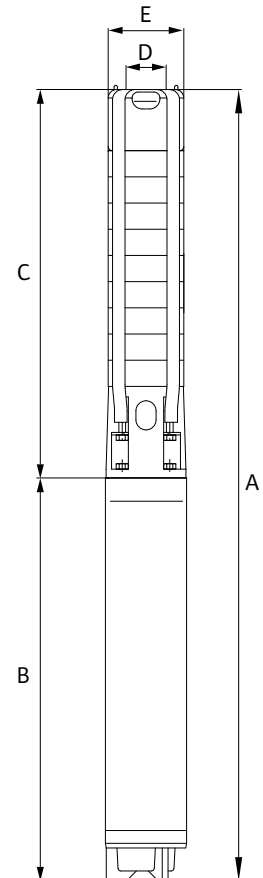
Wilo TWI 4" Stainless Steel Submersibles - 10 GPM



TWI 4.10

## Weights and Dimensions

Motor Type	Model	Mtr. Dia. (In)	HP	PH	Volts	Dimensions (In)					Weights (Lbs)		
						A	B	C	D	E	Complete Unit	Pump End	Motor
2 Wire	TWI4.10-9.05	4	½	1	115	25	11.0	14.0	1 ¼	3.9	27	7	20
	TWI4.10-9.05	4	½	1	230	25	11.0	14.0			27	7	20
	TWI4.10-12.07	4	¾	1	230	28.9	12.4	16.5			31	8	23
	TWI4.10-15.10	4	1	1	230	32.3	13.3	19.0			34	9	25
	TWI4.10-21.15	4	1½	1	230	38.8	14.9	23.9			42	12	30
3 Wire	TWI4.10-9.05	4	½	1	115	24	10.0	14.0	1 ¼	3.9	26	7	19
	TWI4.10-9.05	4	½	1	230	23.7	9.7	14.0			26	7	19
	TWI4.10-12.07	4	¾	1	230	27.3	10.8	16.5			30	8	22
	TWI4.10-15.10	4	1	1	230	30.7	11.7	19.0			34	9	25
	TWI4.10-21.15	4	1½	1	230	37.5	13.6	23.9			39	12	27
	TWI4.10-21.15	4	1½	3	230	35.6	11.7	23.9			35	12	23
	TWI4.10-21.15	4	1½	3	460	35.6	11.7	23.9			35	12	23
	TWI4.10-27.20	4	2	1	230	44	15.1	28.9			45	14	31
	TWI4.10-27.20	4	2	3	230	42.7	13.8	28.9			41	14	27
	TWI4.10-27.20	4	2	3	460	42.7	13.8	28.9			41	14	27
	TWI4.10-34.30	4	3	1	230	53.9	18.3	35.6			62	22	40
	TWI4.10-34.30	4	3	3	230	50.9	15.3	35.6			54	22	32
	TWI4.10-34.30	4	3	3	460	50.9	15.3	35.6			54	22	32



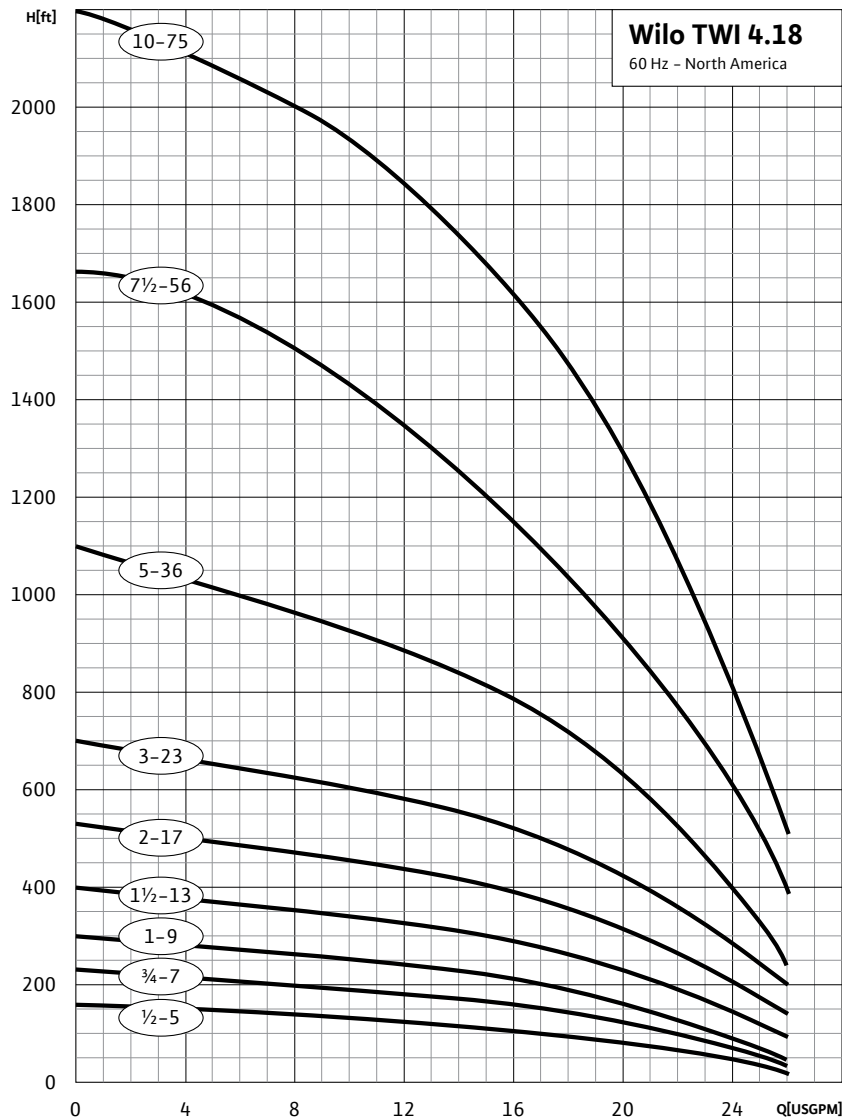
# Submittal Data Sheet

Wilco TWI Stainless Steel Submersibles - 18 GPM



**TWI 4.18**

	Project:							
	Engineer:							
	Contractor:							
	Submitted By:						Date:	
	Approved By:						Date:	
Tag #	Model #	Flow	Head	HP	Wire	Phase	Volt	RPM



Materials of Construction	
Discharge	304 SS
Diffuser	304 SS
Impeller	304 SS
Split Cone	304 SS
Split Cone Nut	304 SS
Stop Ring	Carbon/Graphite/PTFE
Neck Ring Retainer	304 SS
Strainer	304 SS
Suction Interconnector	304 SS
Pump Shaft	431 SS
Coupling	304 SS
Strap	304 SS
Cable Guard	304 SS
Neck Ring	304 SS / NBR
Nut	304 SS
Bearing	NBR

Technical Data	
Available Voltages	1~ 115/230V 3~ 115/230/460V 60 Hz
Fluid temperature:	37°-86°F (3°-30°C)
Max. Head	1050 Ft.
Max. sand content:	50 g/m <sup>3</sup>
Max. submersion depth:	1000 Ft.
Protection class:	IP 68

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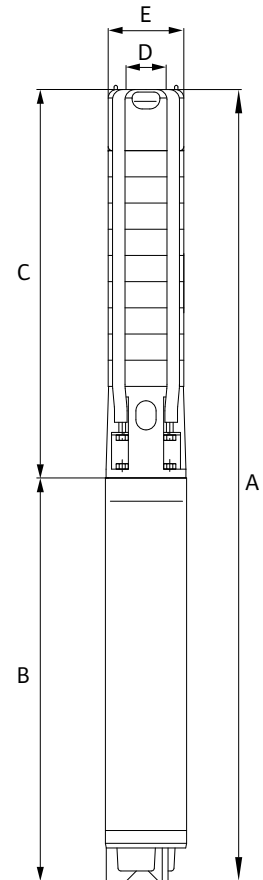
# Submittal Data Sheet

Wilo TWI Stainless Steel Submersibles – 18 GPM



TWI 4.18

Weights and Dimensions													
Motor Type	Model	Mtr. Dia. (In)	HP	PH	Volts	Dimensions (In)					Weights (Lbs)		
						A	B	C	D	E	Complete Unit	Pump End	Motor
2 Wire	TWI4.18-5.05	4	½	1	115	21.7	11.0	10.7	1 ¼	3.9	25	5	20
	TWI4.18-5.05	4	½	1	230	21.7	11.0	10.7			25	5	20
	TWI4.18-7.07	4	¾	1	230	24.8	12.4	12.4			29	6	23
	TWI4.18-9.10	4	1	1	230	27.3	13.3	14.0			32	7	25
	TWI4.18-13.15	4	1½	1	230	32.2	14.9	17.3			39	9	30
3 Wire	TWI4.18-5.05	4	½	1	115	20.7	10.0	10.7	1 ¼	3.9	24	5	19
	TWI4.18-5.05	4	½	1	230	20.4	9.7	10.7			24	5	19
	TWI4.18-7.07	4	¾	1	230	23.2	10.8	12.4			28	6	22
	TWI4.18-9.10	4	1	1	230	25.7	11.7	14.0			32	7	25
	TWI4.18-13.15	4	1½	1	230	30.9	13.6	17.3			36	9	27
	TWI4.18-13.15	4	1½	3	230	29	11.7	17.3			32	9	23
	TWI4.18-13.15	4	1½	3	460	29	11.7	17.3			32	9	23
	TWI4.18-17.20	4	2	1	230	35.7	15.1	20.6			41	10	31
	TWI4.18-17.20	4	2	3	230	34.4	13.8	20.6			37	10	27
	TWI4.18-17.20	4	2	3	460	34.4	13.8	20.6			37	10	27
	TWI4.18-23.30	4	3	1	230	43.9	18.3	25.6			53	13	40
	TWI4.18-23.30	4	3	3	230	40.9	15.3	25.6			45	13	32
	TWI4.18-23.30	4	3	3	460	40.9	15.3	25.6			45	13	32
	TWI4.18-36.50	4	5	1	230	64.9	27.7	37.2			93	23	70
	TWI4.18-36.50	4	5	3	230	58.9	21.7	37.2			78	23	55
TWI4.18-36.50	4	5	3	460	58.9	21.7	37.2	78	23	55			



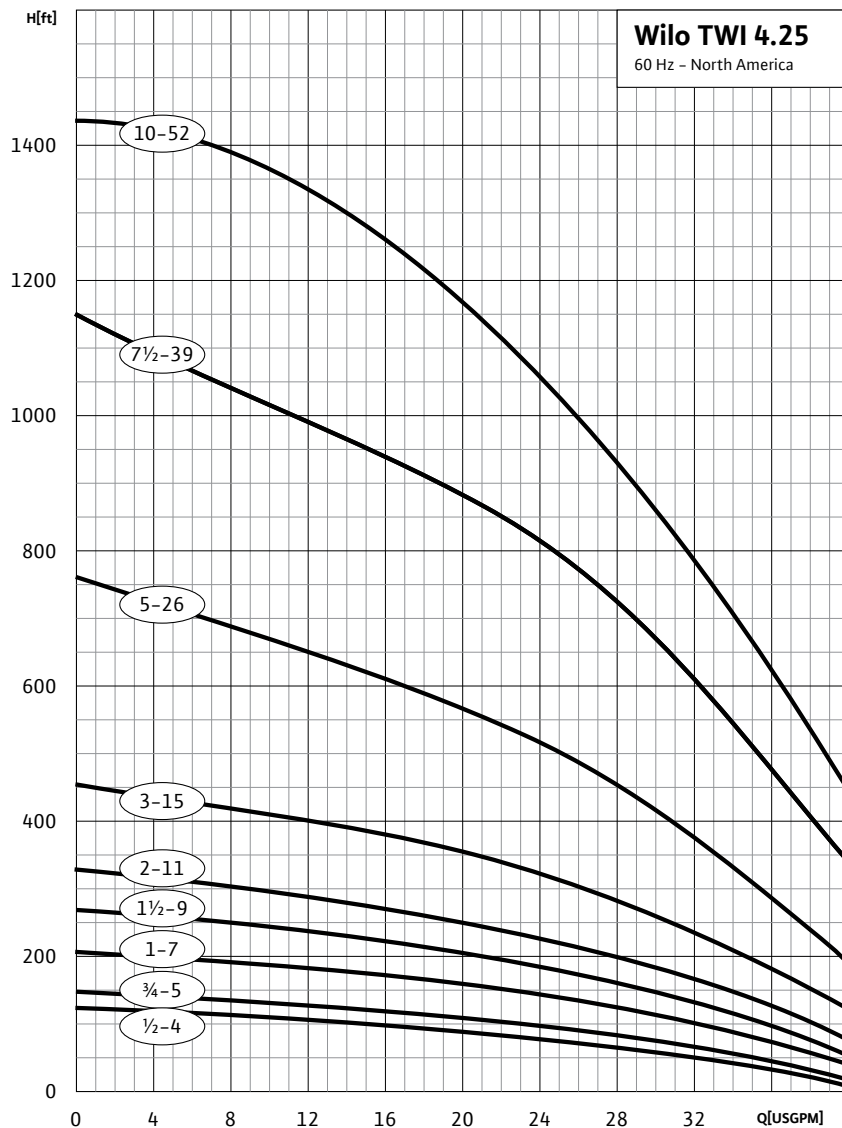
# Submittal Data Sheet

Wilco TWI Stainless Steel Submersibles - 25 GPM



**TWI 4.25**

	Project:							
	Engineer:							
	Contractor:							
	Submitted By:						Date:	
	Approved By:						Date:	
Tag #	Model #	Flow	Head	HP	Wire	Phase	Volt	RPM



**Materials of Construction**

Discharge	304 SS
Diffuser	304 SS
Impeller	304 SS
Split Cone	304 SS
Split Cone Nut	304 SS
Stop Ring	Carbon/Graphite/PTFE
Neck Ring Retainer	304 SS
Strainer	304 SS
Suction Interconnector	304 SS
Pump Shaft	431 SS
Coupling	304 SS
Strap	304 SS
Cable Guard	304 SS
Neck Ring	304 SS /NBR
Nut	304 SS
Bearing	NBR

**Technical Data**

PEI	0.86
Available Voltages	1~ 115/230V 3~ 115/230/460V 60 Hz
Fluid temperature:	37°-86°F (3°-30°C)
Max. Head	1150 Ft.
Max. sand content:	50 g/m <sup>3</sup>
Max. submersion depth:	1000 Ft.
Protection class:	IP 68

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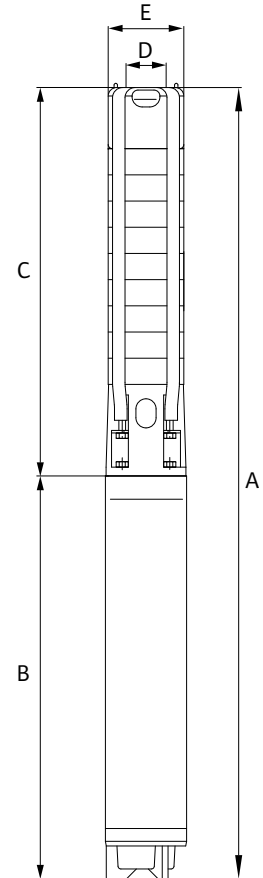
# Submittal Data Sheet

Wilo TWI Stainless Steel Submersibles – 25 GPM



TWI 4.25

Weights and Dimensions													
Motor Type	Model	Mtr. Dia. (In)	HP	PH	Volts	Dimensions (In)					Weights (Lbs)		
						A	B	C	D	E	Complete Unit	Pump End	Motor
2 Wire	TWI4.25-4.05	4	½	1	115	20.9	11.0	9.9	1 ½	4	25	5	20
	TWI4.25-4.05	4	½	1	230	20.9	11.0	9.9			25	5	20
	TWI4.25-5.07	4	¾	1	230	23.1	12.4	10.7			29	5	23
	TWI4.25-7.10	4	1	1	230	25.7	13.3	12.4			32	6	25
	TWI4.25-9.15	4	1½	1	230	28.9	14.9	14.0			39	7	30
3 Wire	TWI4.25-4.05	4	½	1	115	19.9	10.0	9.9	1 ½	4	24	5	19
	TWI4.25-4.05	4	½	1	230	19.6	9.7	9.9			24	5	19
	TWI4.25-5.07	4	¾	1	230	21.5	10.8	10.7			28	5	22
	TWI4.25-7.10	4	1	1	230	24.1	11.7	12.4			32	6	25
	TWI4.25-9.15	4	1½	1	230	27.6	13.6	14.0			36	7	27
	TWI4.25-9.15	4	1½	3	230	25.7	11.7	14.0			32	7	23
	TWI4.25-9.15	4	1½	3	460	25.7	11.7	14.0			32	7	23
	TWI4.25-11.20	4	2	1	230	30.7	15.1	15.6			41	8	31
	TWI4.25-11.20	4	2	3	230	29.4	13.8	15.6			37	8	27
	TWI4.25-11.20	4	2	3	460	29.4	13.8	15.6			37	8	27
	TWI4.25-15.30	4	3	1	230	37.3	18.3	19.0			53	9	40
	TWI4.25-15.30	4	3	3	230	34.3	15.3	19.0			45	9	32
	TWI4.25-15.30	4	3	3	460	34.3	15.3	19.0			45	9	32
	TWI4.25-26.50	4	5	1	230	56	27.7	28.3			84	14	70
	TWI4.25-26.50	4	5	3	230	50	21.7	28.3			69	14	55
	TWI4.25-26.50	4	5	3	460	50	21.7	28.3			69	14	55
	TWI4.25-39.75	4	7½	3	230	66.8	27.7	39.1			95	25	70
TWI4.25-39.75	4	7½	3	460	66.8	27.7	39.1	95	25	70			



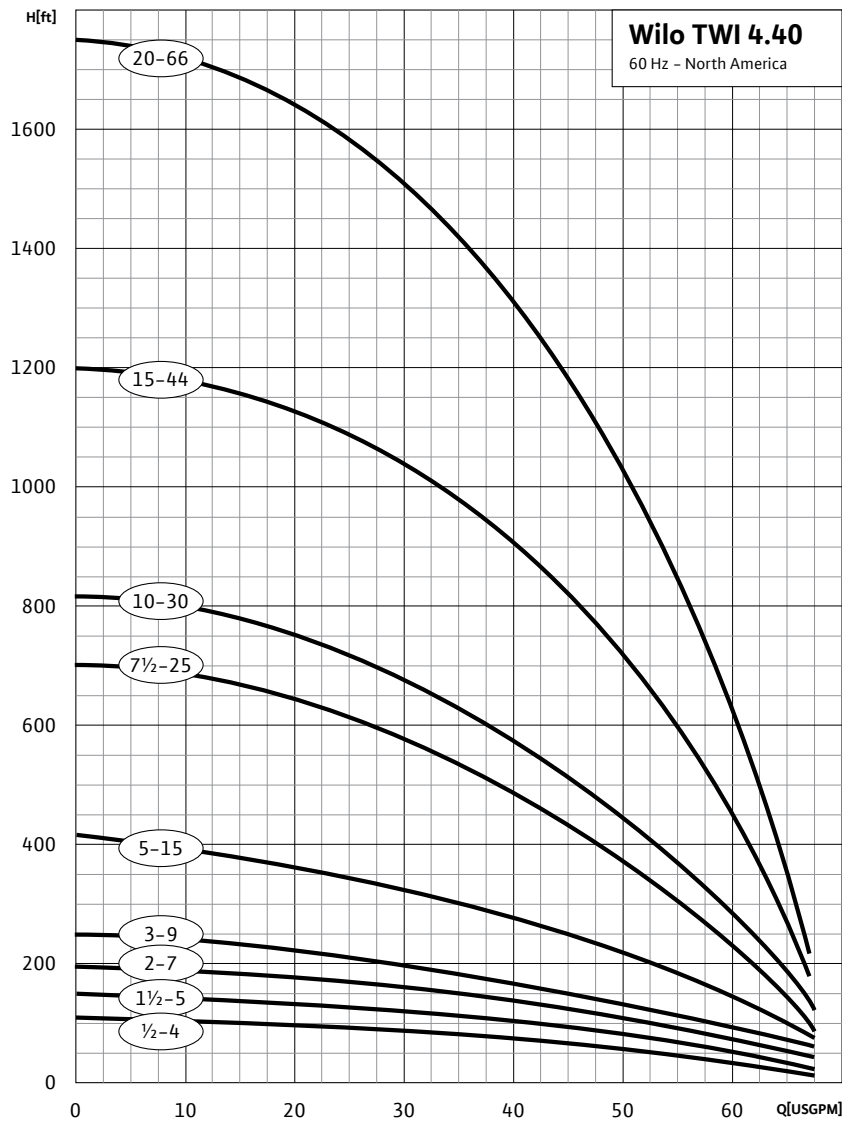
# Submittal Data Sheet

Wilco TWI Stainless Steel Submersibles - 40 GPM



**TWI 4.40**

	Project:							
	Engineer:							
	Contractor:							
	Submitted By:						Date:	
	Approved By:						Date:	
Tag #	Model #	Flow	Head	HP	Wire	Phase	Volt	RPM



**Materials of Construction**

Discharge	304 SS
Diffuser	304 SS
Impeller	304 SS
Split Cone	304 SS
Split Cone Nut	304 SS
Stop Ring	Carbon/Graphite/PTFE
Neck Ring Retainer	304 SS
Strainer	304 SS
Suction Interconnector	304 SS
Pump Shaft	431 SS
Coupling	304 SS
Strap	304 SS
Cable Guard	304 SS
Neck Ring	304 SS / NBR
Nut	304 SS
Bearing	NBR

**Technical Data**

PEI	0.99
Available Voltages	1~ 230V 3~ 230/460V 60 Hz
Fluid temperature:	37°-86°F (3°-30°C)
Max. Head	800 Ft.
Max. sand content:	50 g/m <sup>3</sup>
Max. submersion depth:	1000 Ft.
Protection class:	IP 68

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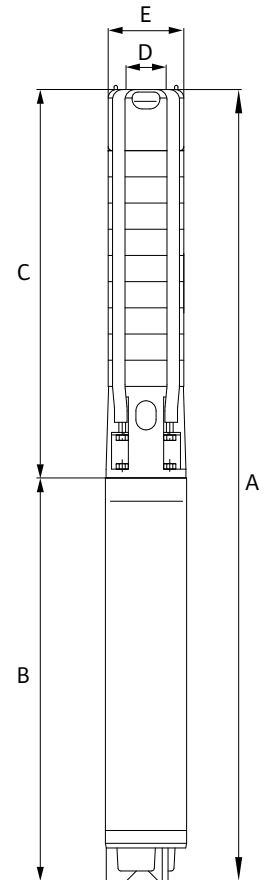
# Submittal Data Sheet

Wilco TWI Stainless Steel Submersibles - 40 GPM



TWI 4.40

Weights and Dimensions													
Motor Type	Model	Mtr. Dia. (In)	HP	PH	Volts	Dimensions (In)					Weights (Lbs)		
						A	B	C	D	E	Complete Unit	Pump End	Motor
2 Wire	TWI4.40-4.10	4	1	1	230	27.9	13.3	14.6	2	4	33	8	25
	TWI4.40-5.15	4	1½	1	230	31.1	14.9	16.2			39	9	30
3 Wire	TWI4.40-4.10	4	1	1	230	26.3	11.7	14.6	2	4	33	8	25
	TWI4.40-5.15	4	1½	1	230	29.8	13.6	16.2			36	9	27
	TWI4.40-5.15	4	1½	3	230	27.9	11.7	16.2			32	9	23
	TWI4.40-5.15	4	1½	3	460	27.9	11.7	16.2			32	9	23
	TWI4.40-7.20	4	2	1	230	34.6	15.1	19.5			43	12	31
	TWI4.40-7.20	4	2	3	230	33.3	13.8	19.5			39	12	27
	TWI4.40-7.20	4	2	3	460	33.3	13.8	19.5			39	12	27
	TWI4.40-9.30	4	3	1	230	41.1	18.3	22.8			54	14	40
	TWI4.40-9.30	4	3	3	230	38.1	15.3	22.8			46	14	32
	TWI4.40-9.30	4	3	3	460	38.1	15.3	22.8			46	14	32
	TWI4.40-15.50	4	5	1	230	60.5	27.7	32.8			91	21	70
	TWI4.40-15.50	4	5	3	230	54.5	21.7	32.8			76	21	55
	TWI4.40-15.50	4	5	3	460	54.5	21.7	32.8			76	21	55
	TWI4.40-25.75	4	7½	3	230	77.0	27.7	49.3			102	32	70
	TWI4.40-25.75	4	7½	3	460	77.0	27.7	49.3			102	32	70
TWI4.40-30.100	4	10	3	460	95.8	38.3	57.5	150	37	113			



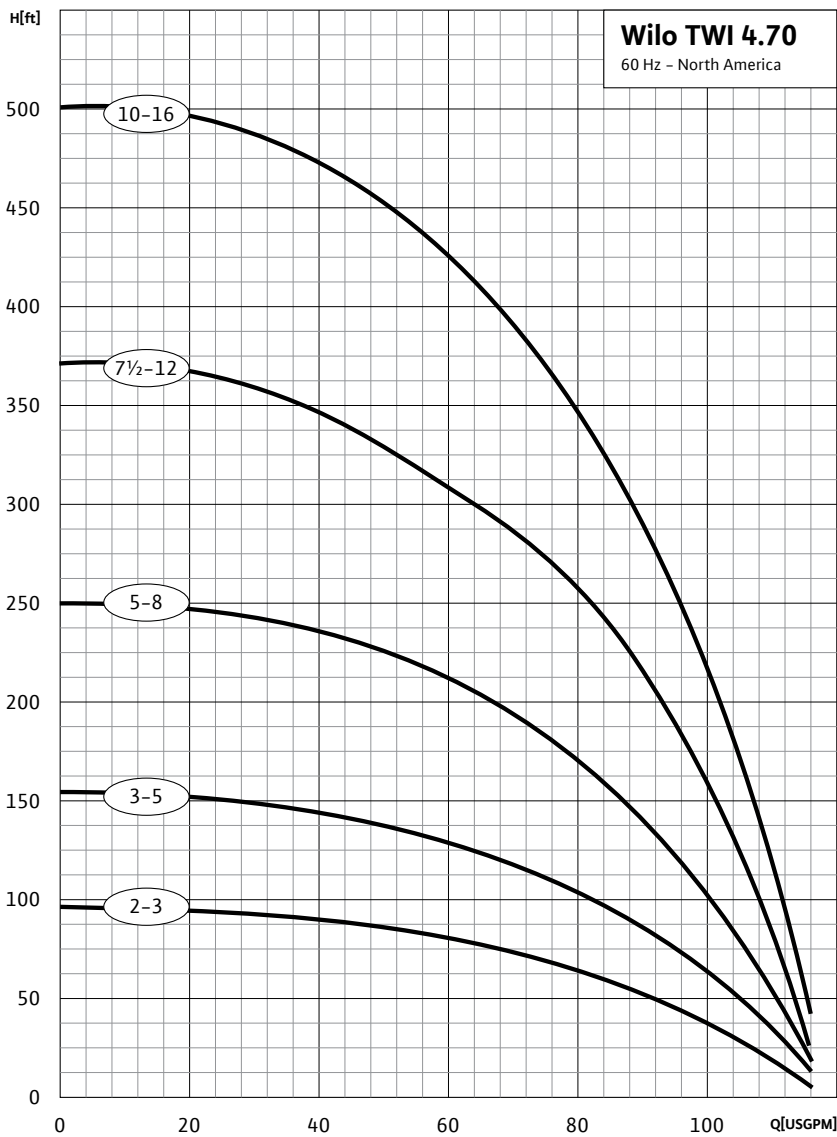
# Submittal Data Sheet

Wilco TWI Stainless Steel Submersibles - 70 GPM



**TWI 4.70**

	Project:							
	Engineer:							
	Contractor:							
	Submitted By:						Date:	
	Approved By:						Date:	
Tag #	Model #	Flow	Head	HP	Wire	Phase	Volt	RPM
					3 Wire			3450



**Materials of Construction**

Discharge	304 SS
Diffuser	304 SS
Impeller	304 SS
Split Cone	304 SS
Split Cone Nut	304 SS
Stop Ring	Carbon/Graphite/PTFE
Neck Ring Retainer	304 SS
Strainer	304 SS
Suction Interconnector	304 SS
Pump Shaft	431 SS
Coupling	304 SS
Strap	304 SS
Cable Guard	304 SS
Neck Ring	304 SS / NBR
Nut	304 SS
Bearing	NBR

**Technical Data**

PEI	0.94
Available Voltages	1~ 230V 3~ 230/460V 60 Hz
Fluid temperature:	37°-86°F (3°-30°C)
Max. Head	500 Ft.
Max. sand content:	50 g/m <sup>3</sup>
Max. submersion depth:	1000 Ft.
Protection class:	IP 68

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# Submittal Data Sheet

Wilco TWI Stainless Steel Submersibles - 70 GPM



TWI 4.70

## Weights and Dimensions

Motor Type	Model	Mtr. Dia. (In)	HP	PH	Volts	Dimensions (In)					Weights (Lbs)		
						A	B	C	D	E	Complete Unit	Pump End	Motor
3 Wire	TWI4.70-3.20	4	2	1	230	29.9	15.1	14.8	2	4	39	8	31
	TWI4.70-3.20	4	2	3	230	28.6	13.8	14.8			35	8	27
	TWI4.70-3.20	4	2	3	460	28.6	13.8	14.8			35	8	27
	TWI4.70-5.30	4	3	1	230	38.2	18.3	19.9			52	12	40
	TWI4.70-5.30	4	3	3	230	35.2	15.3	19.9			44	12	32
	TWI4.70-5.30	4	3	3	460	35.2	15.3	19.9			44	12	32
	TWI4.70-8.50	4	5	1	230	55.3	27.7	27.6			86	16	70
	TWI4.70-8.50	4	5	3	230	49.3	21.7	27.6			71	16	55
	TWI4.70-8.50	4	5	3	460	49.3	21.7	27.6			71	16	55
	TWI4.70-12.75	4	7½	3	230	65.5	27.7	37.8			91	21	70
	TWI4.70-12.75	4	7½	3	460	65.5	27.7	37.8			91	21	70
	TWI4.70-16.100	4	10	3	460	86.3	38.3	48.0			140	27	113

