



### APPLICATION AREA

For countryside lifting water from, water supply and drainage of farmland, garden, and daily life. Drainage of industry ponding, building construction and breeding.

### OPERATING LIMITS

Trans medium's PH: 6–8.5  
 Fluid temperature limit: <40°C  
 Max ambient temperature: <40°C  
 Operating depth: 5m

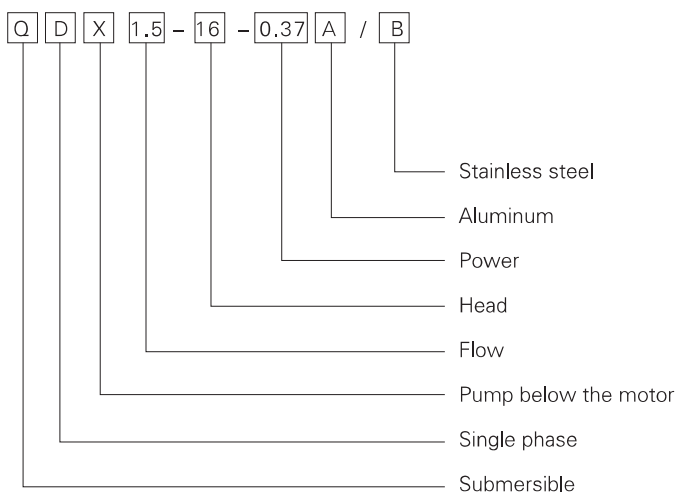
### STRUCTURAL CHARACTERISTICS

Insulation Class: B  
 Protection Class: IP68

### MATERIAL

Pump body: Aluminium / Stainless steel(AISI 304)  
 Impeller: Aluminium / PPO  
 Motor shaft: Stainless steel  
 Mechanical seal: Ceramic–Graphite  
 Suction strainer: Stainless steel

### MODEL ANALYSIS

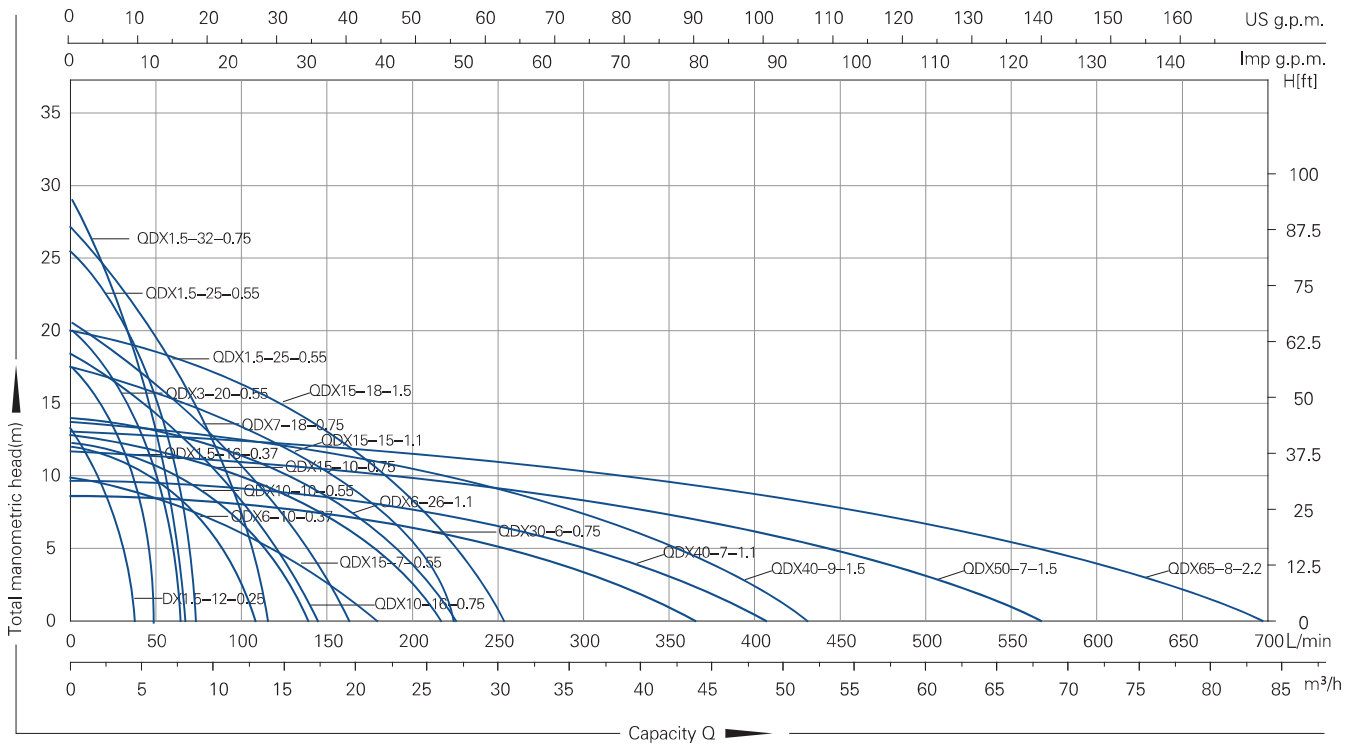


QDX(A)



QDX(B)





**SUBMERSIBLE PUMP SERIES** PERFORMANCE CHART AT n=2900r/min

Model	POWER		Rate Current (A)	Max. FLOW (m³/H)	Max. Head (m)	Outlet Size (Inch)	G.W (A)	Packing (A)	G.W (B)	Packing (B)
	kW	HP								
QDX1.5-12-0.25	0.25	0.37	2.1	4.6	13.2	1"	8	196×144×360	9	196×144×360
QDX1.5-16-0.37	0.37	0.5	2.9	5.8	17.4	1"	9	196×144×365	11.5	196×144×346
QDX6-10-0.37	0.37	0.5	2.9	13	12	1.5"	10	209×145×371	12	209×145×352
QDX3-20-0.55	0.55	0.75	4.1	7.7	20	1"	12	205×158×379	15	205×158×357
QDX10-10-0.55	0.55	0.75	4.1	16.8	12.2	1.5"	13	223×159×393	16	223×159×371
QDX15-7-0.55	0.55	0.75	4.1	21.5	9.9	2"	13	233×158×391	16.5	233×158×369
QDX1.5-25-0.55	0.55	0.75	4.1	6.7	25.4	1"	11	240×190×378	14	240×190×356
QDX1.5-32-0.75	0.75	1	5.2	7.9	34	1"	14	240×190×398	17	240×190×376
QDX7-18-0.75	0.75	1	5.2	19.6	20.6	1.5" / 2"	14	235×159×401	17.5	235×159×379
QDX30-6-0.75	0.75	1	5.2	44	8.6	3"	16	267×184×434	19.5	267×184×412
QDX15-10-0.75	0.75	1	5.2	26	12.7	2" / 2.5"	14.5	233×170×411	18	233×170×389
QDX10-16-0.75	0.75	1	5.2	17.3	18.4	2" / 1.5"	14	235×159×401	17.5	235×159×379
QDX6-26-1.1	1.1	1.5	7.3	14	27.1	1.5"	15.5	254×190×451	19.5	254×190×429
QDX15-15-1.1	1.1	1.5	7.3	26.8	17.5	2" / 2.5"	15	247×172×457	19.5	247×172×435
QDX40-7-1.1	1.1	1.5	7.3	48.7	9.8	3"	17	276×194×484	21.5	276×194×462
QDX15-18-1.5	1.5	2	9.5	30.8	20	2" / 2.5"	17.5	247×172×457	22	247×172×435
QDX40-9-1.5	1.5	2	9.5	51.7	13.7	3"	19.5	280×196×480	23.5	280×196×458
QDX50-7-1.5	1.5	2	9.5	68	11.9	4"	22.5	530×196×310	26.5	530×196×310
QDX65-8-2.2A	2.2	3	13.8	84	14	4"	29.8	364×230×544	/	/

### APPLICATION AREA

For usage of industry, agriculture, mine, building construction, environmental protection. Fit for carrying slurry, mortar, daily sanitary wastewater, and sewage containing flocks, papers, mud and sand and other solid particles. Also fit for dredging.

### OPERATING LIMITS

Trans medium's PH: 4–10  
 Fluid temperature limit: <40°C  
 Max ambient temperature: <40°C  
 Operating depth: 5m

### STRUCTURAL CHARACTERISTICS

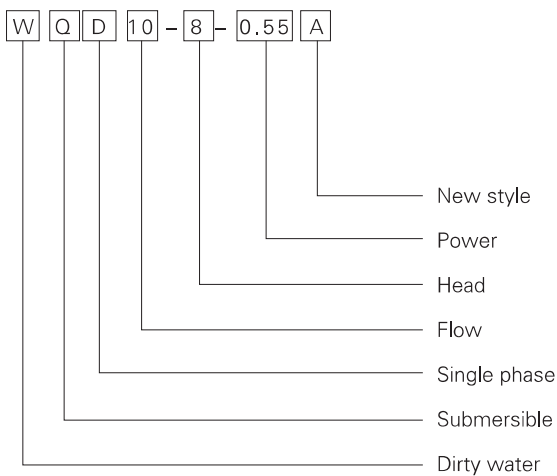
Insulation Class: B  
 Protection Class: IP68

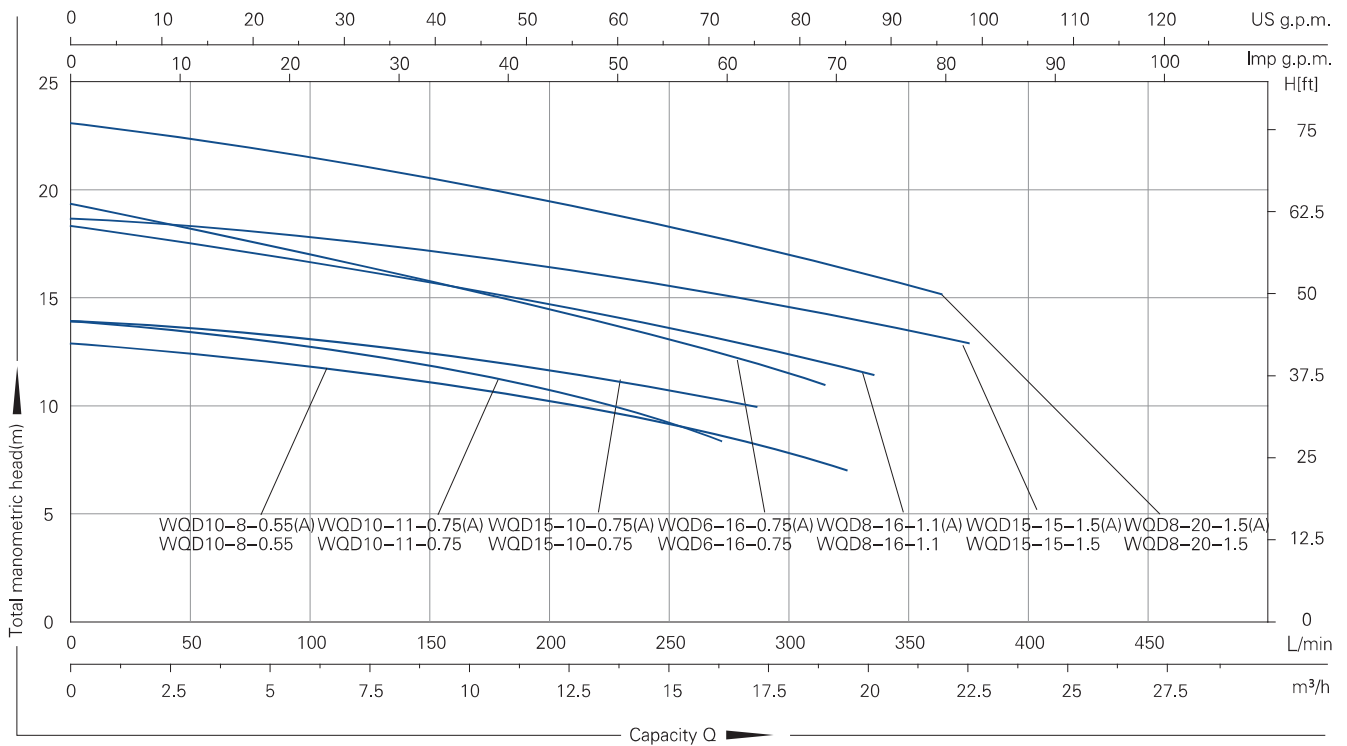
### MATERIAL

Pump body: Stainless steel(AISI304) / Cast iron  
 Impeller: Cast iron  
 Motor shaft: Stainless steel  
 Mechanical seal: Ceramic–Graphite  
 Suction strainer: Cast iron



### MODEL ANALYSIS





**SUBMERSIBLE PUMP SERIES** PERFORMANCE CHART AT n=2900r/min

Model	POWER		Rate Current (A)	Max. FLOW (m³/H)	Max. Head (m)	Outlet Size (Inch)	G.W	Packing	G.W (A)	Packing (A)
	kW	HP								
WQD10-8-0.55	0.55	0.75	4.1	19	12.3	2"	20	240×162×387	20.5	255×175×379
WQD5-17-0.75	0.75	1	5.2	25	17.2	1.5"	22	240×162×407	22	237×175×392
WQD6-16-0.75	0.75	1	5.2	29	17.7	1.5"	21.5	240×162×407	22	237×175×392
WQD10-11-0.75	0.75	1	5.2	25.8	13.9	2"	21.5	240×162×407	22	255×175×401
WQD8-16-1.1	1.1	1.5	7.3	22.9	18.3	2"	23.5	239×172×463	24	255×175×424
WQD15-10-1.1	1.1	1.5	7.3	25	14.8	2"	24	239×171×470	24.5	265×175×421
WQ10-8-0.55	0.55	0.75	4.1	19	12.3	2"	19.5	240×162×387	20	255×175×379
WQ5-17-0.75	0.75	1	2	25	17.2	1.5"	21	240×162×407	21	237×175×392
WQ6-16-0.75	0.75	1	2	29	17.7	1.5"	21	240×162×407	21	237×175×392
WQ10-11-0.75	0.75	1	2	25.8	13.9	2"	20.5	240×162×407	21	255×175×401
WQ8-16-1.1	1.1	1.5	2.7	22.9	18.3	2"	22	239×172×463	22.5	255×175×424
WQ15-10-1.1	1.1	1.5	2.7	25	14.8	2"	22.5	239×171×470	23	265×175×421
WQ15-15-1.5	1.5	2	3.6	24	19	2"	25.5	244×181×473	26	255×175×454
WQ8-20-1.5	1.5	2	3.6	30	25	1.5"	25	239×172×463	25.5	255×175×454

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 Max ambient temperature: <40°C  
 Operating depth: 5m

### STRUCTURAL CHARACTERISTICS

Insulation Class: B  
 Protection Class: IP68

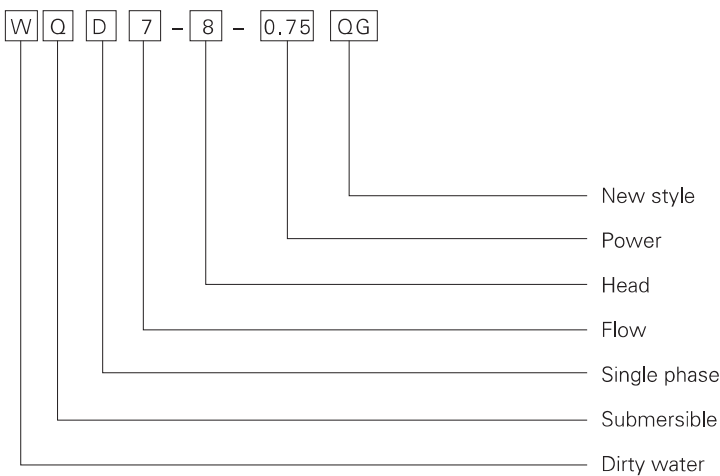
### MATERIAL

Pump body: Stainless steel(AISI304)  
 Impeller: Cast iron  
 Motor shaft: Stainless steel  
 Mechanical seal: Ceramic–Graphite  
 Suction strainer: Cast iron

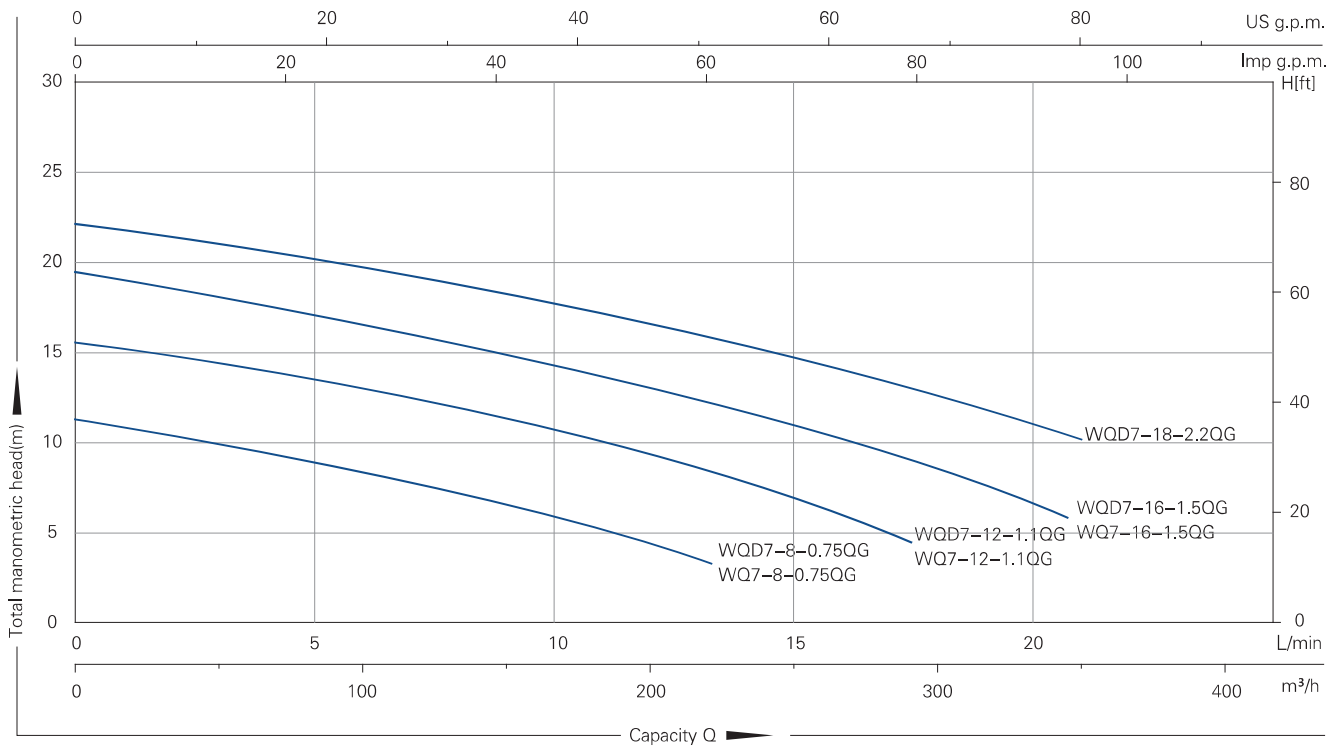


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### MODEL ANALYSIS







**SUBMERSIBLE PUMP SERIES** PERFORMANCE CHART AT n=2900r/min

Model	POWER		Rate Current (A)	Max. FLOW (m³/H)	Max. Head (m)	Outlet Size (Inch)	G.W	Packing
	kW	HP						
WQD7-8-0.75QG	0.75	1	5.2	12	13	2"	21	253 × 180 × 445
WQD7-12-1.1QG	1.1	1.5	7.3	14	15.5	2"	24	253 × 180 × 445
WQD7-16-1.5QG	1.5	2	9.5	18.4	7.3	2"	27	253 × 180 × 445
WQ7-8-0.75QG	0.75	1	2	12	13	2"	21	253 × 180 × 445
WQ7-12-1.1QG	1.1	1.5	2.7	14	15.5	2"	22	253 × 180 × 445
WQ7-16-1.5QG	1.5	2	3.6	18.4	7.3	2"	25	253 × 180 × 445
WQ9-18-2.2QG	2.2	3	5.1	20	22	2"	33	253 × 195 × 480

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### OPERATING LIMITS

Trans medium's PH: 4–10

Fluid temperature limit: <40°C

Max ambient temperature: <40°C

Operating depth: 5m

### STRUCTURAL CHARACTERISTICS

Insulation Class: B

Protection Class: IP68

### MATERIAL

Pump body: Cast iron

Impeller: Cast iron

Motor shaft: Stainless steel

Mechanical seal: Ceramic–Graphite

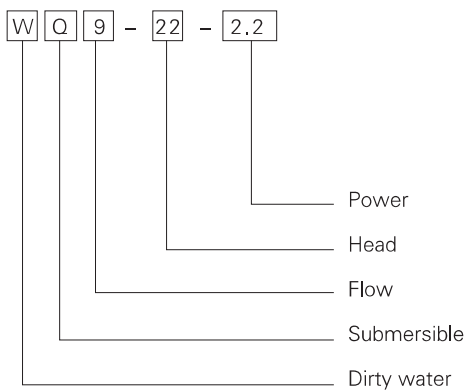
Suction strainer: Cast iron



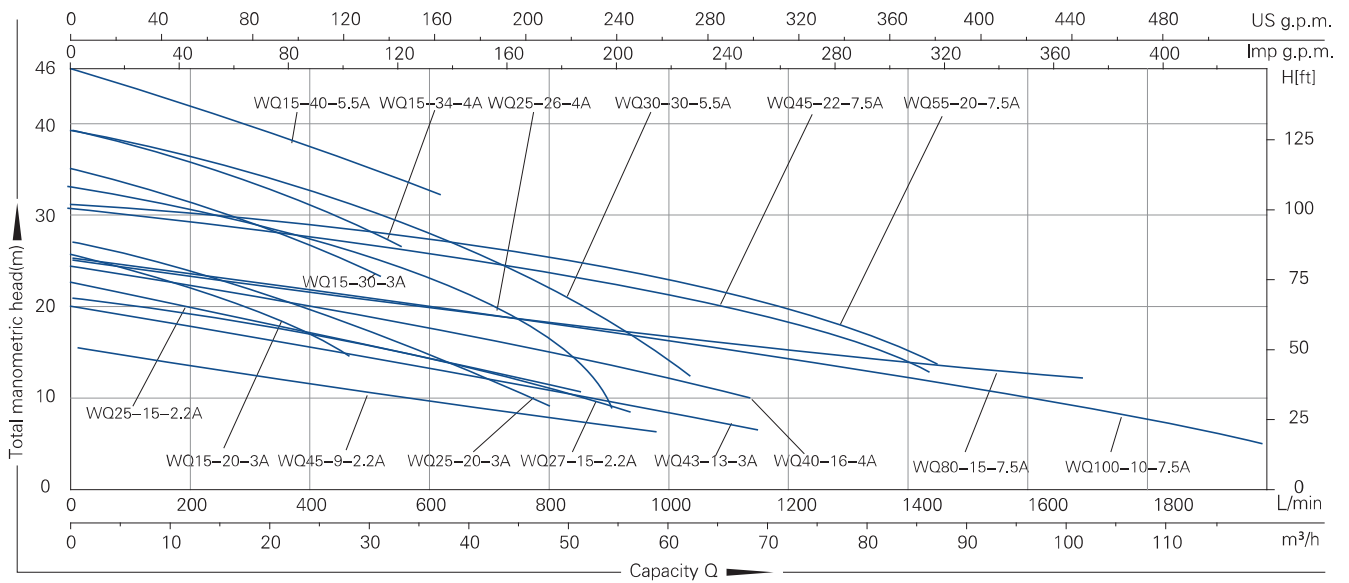
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### MODEL ANALYSIS







**SUBMERSIBLE PUMP SERIES** PERFORMANCE CHART AT  $n=2900r/min$

Model	POWER		Rate Current (A)	Max. FLOW (m³/H)	Max. Head (m)	Outlet Size (Inch)	G.W	Packing
	kW	HP						
WQ9-22-2.2	2.2	3	5.1	32.3	27.1	2"	47	328 × 200 × 546
WQ15-20-2.2	2.2	3	5.1	32.3	27.1	2"	47	328 × 200 × 546
WQ25-15-2.2	2.2	3	5.1	55.9	22.1	2.5"	48.5	363 × 214 × 568
WQ45-9-2.2	2.2	3	5.1	61.8	13.2	3"	48	409 × 225 × 576
WQ27-15-2.2	2.2	3	5.1	56.24	21.3	2.5"	48.5	374 × 214 × 568
WQ15-30-3	3	4	6.7	42.5	35.4	2"	51	351 × 215 × 614
WQ25-20-3	3	4	6.7	52.6	26.6	2.5"	47	369 × 219 × 618
WQ43-13-3	3	4	6.7	78.3	16.4	3"	51	432 × 241 × 634
WQ50-10-3	3	4	6.7	78.3	16.4	3"	51	432 × 241 × 635
WQ15-34-4	4	5.5	8.8	45.7	37.1	2"	73.5	385 × 242 × 684
WQ25-26-4	4	5.5	8.8	61.4	31.8	2.5"	73	402 × 242 × 686
WQ40-16-4	4	5.5	8.8	84	24.8	3"	73	423 × 250 × 697
WQ60-10-4	4	5.5	8.8	87.1	18.1	4"	75	479 × 261 × 707
WQ15-40-5.5	5.5	7.5	11.7	45	44	2"	77	385 × 242 × 684
WQ30-30-5.5	5.5	7.5	11.7	62.1	36	2.5"	77	402 × 242 × 686
WQ40-23-5.5	5.5	7.5	11.7	90	31	4"	76	423 × 250 × 694
WQ55-18-5.5	5.5	7.5	11.7	118	28.2	4"	77	477 × 261 × 707
WQ65-15-5.5	5.5	7.5	11.7	118	28.2	4"	77	479 × 261 × 707
WQ45-22-7.5	7.5	10	15.7	117.4	29.3	3"	105	471 × 279 × 734
WQ65-20-7.5	7.5	10	15.7	121.8	30.1	4"	105	511 × 279 × 734
WQ80-15-7.5	7.5	10	15.7	170.6	25.3	4"	112	531 × 307 × 751
WQ100-10-7.5	7.5	10	15.7	170.6	25.3	6"	113	578 × 307 × 751
WQ20-40-7.5	7.5	10	15.7	40.7	45	2"	105	401 × 278 × 713
WQ30-36-7.5	7.5	10	15.7	64.9	46.1	2.5"	105	447 × 278 × 720
WQ40-30-7.5	7.5	10	15.7	114.7	38.8	3"	105	457 × 279 × 731
WQ80-20-7.5	7.5	10	15.7	162.5	31.6	4"	112	535 × 307 × 749
WQ100-15-7.5	7.5	10	15.7	168.7	23.6	5"	113	571 × 307 × 749