

CENTRIFUGAL MONOBLOCK PUMPS - 50Hz





C.R.I. PUMPS

Pumping trust. Worldwide.

T H E B E G I N N I N G

of C.R.I., way back in 1961, was a resolute attempt to produce a few irrigation equipments using the limited facilities of an in-house foundry. Eventually the founder's dream was coming true as the small production unit he started kept growing rapidly. Now, after more than five eventful decades, it is an enormous, widely reputed organization, which produces more than 2300 varieties of perfectly engineered pumps and motors and sells its products in numerous countries spread across 6 continents.

C . R . I . I S O N E A M O N G

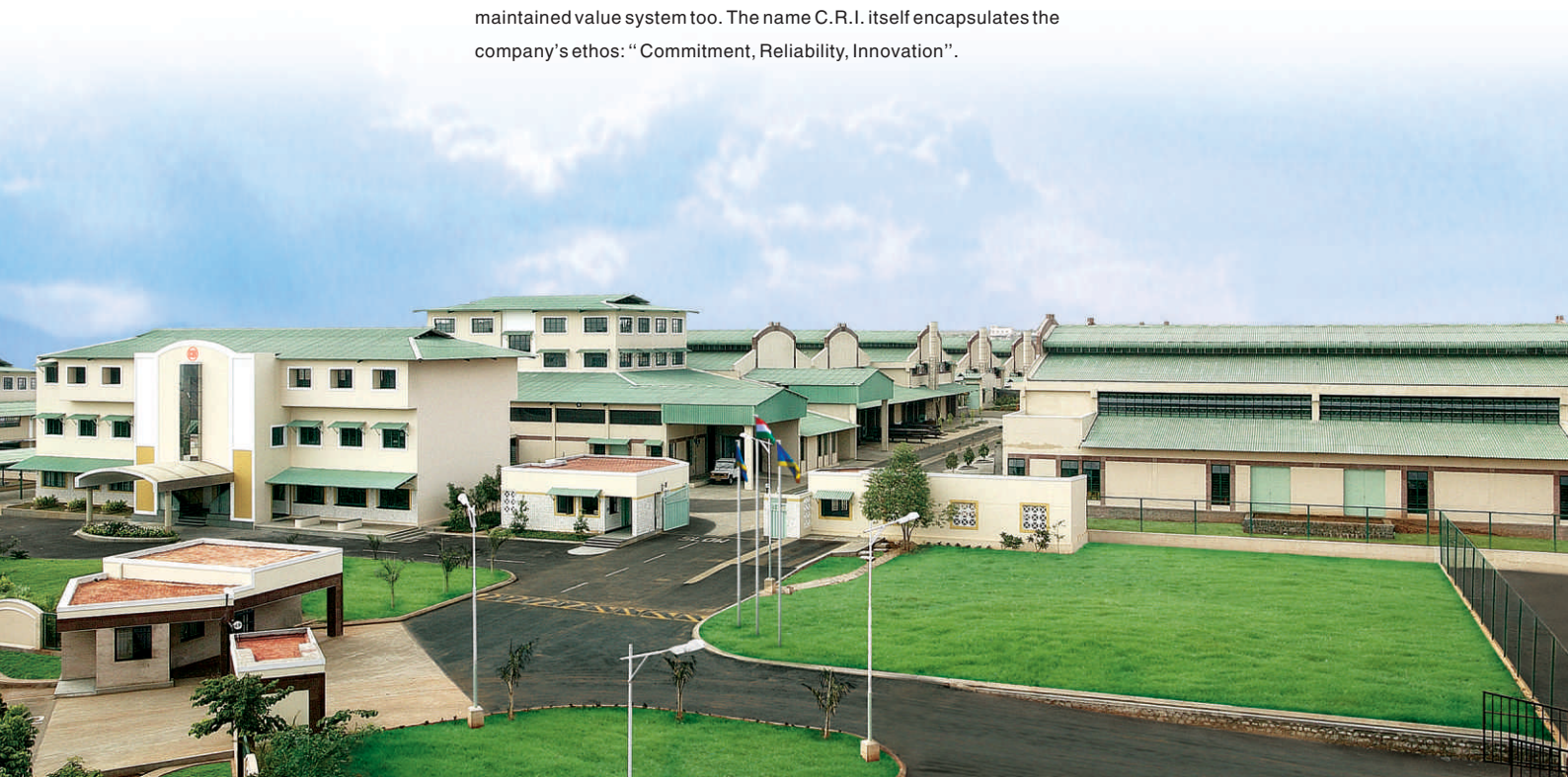
the few pioneers in the world to produce 100% stainless steel submersible pumps. Having achieved a record production capacity of over 2 million pumps per annum, today C.R.I. is rubbing its shoulders with the best brands in the world, with advanced technology and safety standards as its hallmarks.

T H E I N F R A S T R U C T U R E

of C.R.I. is pretty comprehensive with state-of-the-art machineries and high potential in-house R&D recognised by the ministry of science and technology, Govt. of India - all within its own covered area of 300,000 square metres. The production environment is accredited with ISO 9001, ISO 14001 & OHSAS 18001 certifications and the products are CE, UR/UL, IEC, TSE & ISI certified. The R&D team always stays in tune with the changing scenario and seldom fails in coming up with outstanding solutions every time.

N E E D L E S S T O S A Y ,

behind this legendary growth lies the untiring, innovative, enthusiastic and dedicated team work. and, of course, a flawlessly maintained value system too. The name C.R.I. itself encapsulates the company's ethos: "Commitment, Reliability, Innovation".



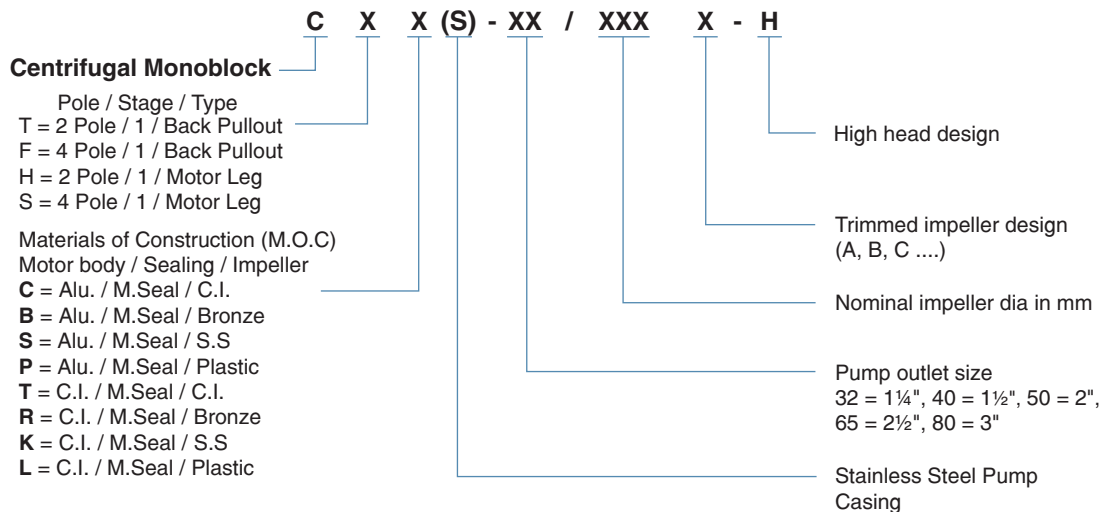
Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase



Model Identification Code



Description

C.R.I. Centrifugal pump's volute chamber and impellers are carefully designed to give the best possible hydraulic and suction lift characteristics. All dimensions and performances are according to EN733- DIN 24255 standards. Most modern and highly sophisticated machinery and technology are employed in the manufacture of these pumps using quality raw material, dynamically balanced impellers, seals and ball bearings to ensure long life. Dynamically balanced rotor ensures vibration and noise free operation. Shaft is made of quality steel, precision ground of ample size for transmitting the rated Horse Power.

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Specifications

Power Range (kW)	2.2 kW to 30 kW
Speed	2900 rpm
Degree of Protection	IP 55
Class of insulation	"F"
Versions	Three Phase, 380-415V, 50Hz A.C Supply
Type of Duty	S1 (Continuous)
Direction of Rotation	Clock wise viewed from driving end
Nominal Suction & Delivery Size (mm)	50 x 32 65 x 40 65 x 50 80 x 65 100 x 80

Pump Operating Limit

Maximum Head	141 m
Maximum Suction lift	7 m
Operating Temperature	-10°C to 120°C
Maximum Ambient Temperature	50°C

Features

- Overall dimensions and performances are according to EN733- DIN 24255 standards
- High operating efficiency resulting in lower power consumption.
- Good suction lift characteristics.
- Dynamically balanced rotating parts including rotor and impeller.
- Balanced and rigid construction.

Applications

- Irrigation
- Farms
- Industrial Water Supply
- General Water Supply
- Drip and Sprinkler Systems
- Water Treatment Plants
- Residential

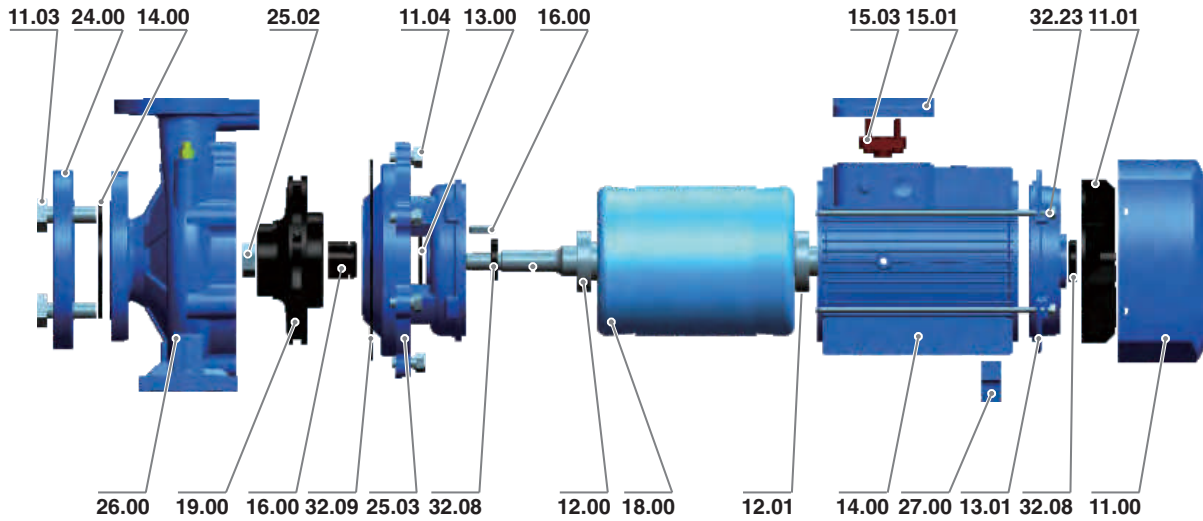
In view of continuous developments the information / performance / descriptions / specifications / illustrations are subject to change without notice

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Exploded View



Materials of Construction

Part No.	Part Name	MOC
11.00	Cooling Fan Cover	Rubber
11.01	Cooling Fan	Aluminium
11.03	Cooling Flange Bolt	Steel
12.00	Bearing (Rear)	Ball Bearing
13.00	Shaft	SS304 / 45# Steel
13.01	Back Cover	Cast Iron
14.00	Wound Stator	Aluminium
15.01	Terminal Box	Plastic
15.03	Terminal Board	Steel
16.00	Mechanical Seal	SiC / Carbon / SS304
19.00	Impeller	SS304 / Cast Iron

Part No.	Part Name	MOC
20.00	Deflector	Rubber
23.00	Gasket	Rubber
24.00	Counter Flange	Galvanized Cast Iron
25.01	Impeller Key	Iron
25.02	Impeller Nut	Iron
25.03	Bracket	Cast Iron
26.00	Pump Case	Cast Iron
27.00	Support Piece	Plastic
32.08	Oil Seal	Rubber
32.09	O-Ring	Rubber
32.23	Tie Rod	Steel

Centrifugal Pumps

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Technical Information

Pump Model	Suc. x Del.	Power		Flow (Q)														
				l/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500
		m ³ /h	0		6	9	15	18	24	27	36	42	48	54	72	84	90	
			kW		HP	Head (m)												
CTC-32/125A	50x32	0.75	1	17	16	14.5	10	7										
CTC-32/125	50x32	1.1	1.5	22	20	19.7	16	13	7									
CTC-32/160B	50x32	1.5	2	25	22.5	20.5	16.5	13										
CTC-32/160A	50x32	2.2	3	31	29.5	28.5	23	20	12									
CTC-32/160	50x32	3	4	35	34.3	33	28.5	25.5	19	15								
CTC-32/200A	50x32	3	4	44.2	42	39.8	35	31	22	16								
CTC-32/200	50x32	4	5.5	52	49	48	44.5	41	34	29.5								
CTC-32/250A	50x32	5.5	7.5	58	56	54	46	40	29									
CTC-32/250B	50x32	7.5	10	69.5	69	68	62	58	47									
CTC-32/250	50x32	11	15	90	89	87	78	75	59									
CTC-32/250A-H	50x32	5.5	7.5	79	73	70	61	54	36.5									
CTC-32/250B-H	50x32	7.5	10	95	93	89	78	70	53.5									
CTC-40/125B	65x40	1.1	1.5	15				12	10	9	4							
CTC-40/125A	65x40	1.5	2	18.1				15	13	11	7	4						
CTC-40/125	65x40	2.2	3	24				21.5	19	17	14	10	6					
CTC-40/160A	65x40	3	4	31.8				28	26	24.5	18.5	13						
CTC-40/160	65x40	4	5.5	37				33	31	29	23	20	15					
CTC-40/200A	65x40	5.5	7.5	46				43	40	38	31	25						
CTC-40/200	65x40	7.5	10	56				51.5	47	45	39	34	29					
CTC-40/250B	65x40	9.2	12.5	64				61	57	55	47	38	29					
CTC-40/250A	65x40	11	15	72				67.5	65	63.5	54.5	47	38					
CTC-40/250	65x40	15	20	84.5				84	77.3	75.2	70	64	54.5					
CTC-50/125B	65x50	2.2	3	17							14	12	10	8	4.5			
CTC-50/125A	65x50	3	4	20							17	15	12.5	10.2	7			
CTC-50/125	65x50	4	5.5	24							19	17	15	12	7			
CTC-50/160A	65x50	5.5	7.5	32							30	29	26	25	17	10		
CTC-50/160	65x50	7.5	10	39							36	34	32	29	19	15		
CTC-50/200B	65x50	9.2	12.5	50.5							46	43.5	41.5	38.5	27.5	20		
CTC-50/200A	65x50	11	15	57							51.5	49	47	43	35	29	22	
CTC-50/200	65x50	15	20	61							55	53	52	50	39	30	25	

Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Technical Information

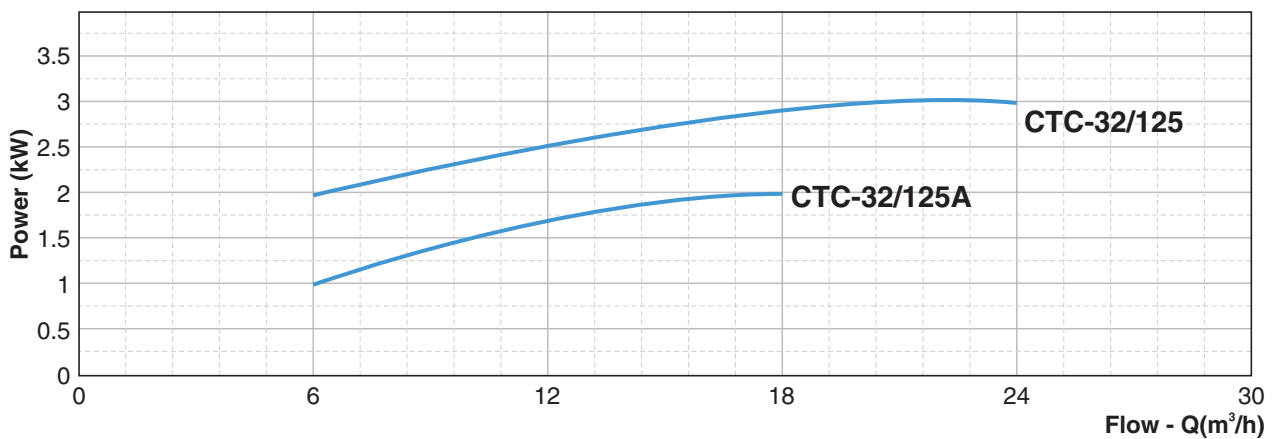
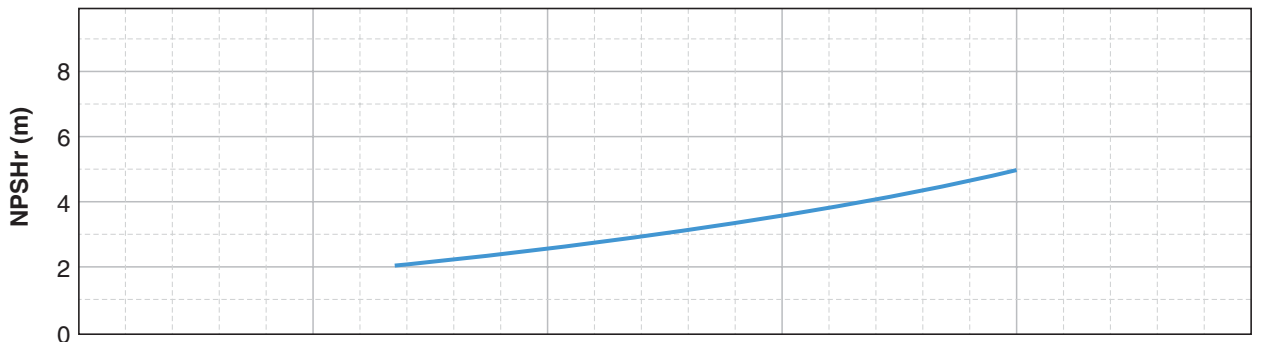
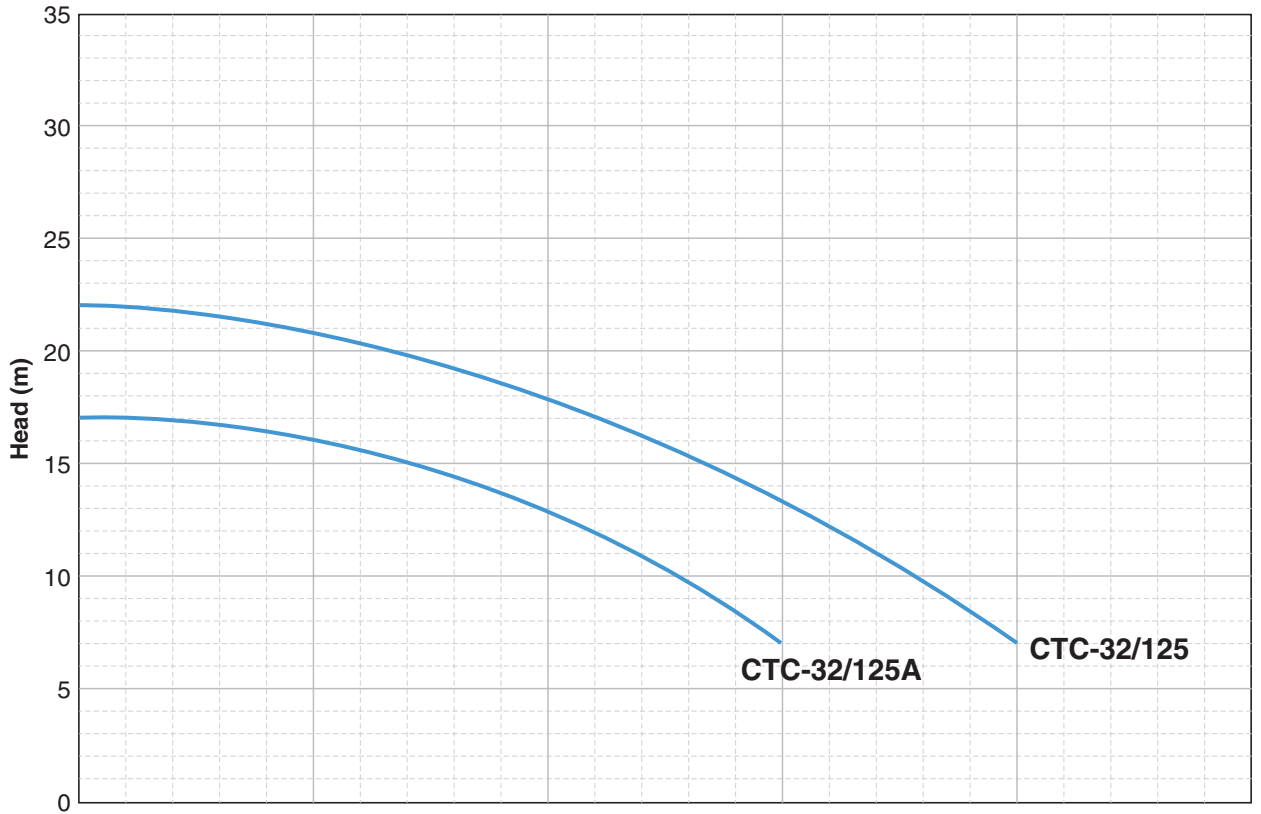
Pump Model	Suc. x Del.	Power		Flow (Q)															
				l/min	0	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3333	3500	
		kW	HP	m ³ /h	0	36	42	48	54	72	84	90	108	120	138	180	200	210	
		Head (m)																	
CTC-50/250B	65x50	15	20	70	67	65	62.3	58.6	40	32.8									
CTC-50/250A	65x50	18.5	25	79	75.8	74.8	74	71.5	63.5	52	37.6								
CTC-50/250	65x50	22	30	89.5	86	85.3	84	81.5	71.3	53	45.6								
CTC-65/125B	80x65	4	5.5	19			16.1	15.5	14.5	11.7	10.6								
CTC-65/125A	80x65	5.5	7.5	23			19.2	18.7	17.5	16.7	14	11							
CTC-65/125	80x65	7.5	10	27			24	23.3	22.1	20.7	20	16	14.4						
CTC-65/160B	80x65	9.2	12.5	33				31	30	28	27.1	21.6	19.4						
CTC-65/160A	80x65	11	15	36				34.5	33.4	32	30.8	28	24						
CTC-65/160	80x65	15	20	42				42.5	39	37.8	36	33	29.5	26.7					
CTC-65/200B	80x65	15	20	45				46.7	45	43	41	36.5	33						
CTC-65/200A	80x65	18.5	25	52				49.3	47.6	46	45.4	40.1	34.6						
CTC-65/200	80x65	22	30	59				58	56	52	50	46.5	44.5	41					
CTT-65/250B	80x65	22	30	64.8				64.7	62	60	58.5	53	50						
CTT-65/250A	80x65	30	40	80				79.8	77.5	75.5	74.5	70	66	57					
CTT-65/250	80x65	37	50	92				89.2	87	85	81.7	80.5	77	62					
CTC-65/315C	80x65	37	50	102				99.2	97	95	94.5	92.4	90	83					
CTC-65/315B	80x65	45	60	112				109.2	107.7	105.8	104.5	102.5	100	93	66				
CTC-65/315A	80x65	55	75	122				120.6	120	119.7	118	116	110	93	70				
CTC-65/315	80x65	75	100	141				139.8	137.3	135.6	134.5	133	123	112	90	77	50		
CTC-80/125B	100x80	4	5.5	17			16.5	15.9	14.3	13.5	11.6	10	7.5						
CTC-80/125A	100x80	5.5	7.5	21			20.5	20	19	18	16.5	15	12.5	9.5					
CTC-80/125	100x80	7.5	10	26			25	24.5	24	23.8	22.5	21.5	18	15					
CTC-80/160C	100x80	11	15	27								25	24	23.2	20	15			
CTC-80/160B	100x80	15	20	32.8								32.5	30	28	25	17	15	14	
CTC-80/160A	100x80	18.5	25	39								38	37	36.7	30	26	21	18	
CTC-80/160	100x80	22	30	44								43	42	41.7	37	32	28.5	26	
CTT-80/200A	100x80	22	30	48								47.5	43.5	40	33	32.5	22	20	
CTT-80/200	100x80	30	40	60								59.5	57	56	52	42.7	34	31	

Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Performance Curves

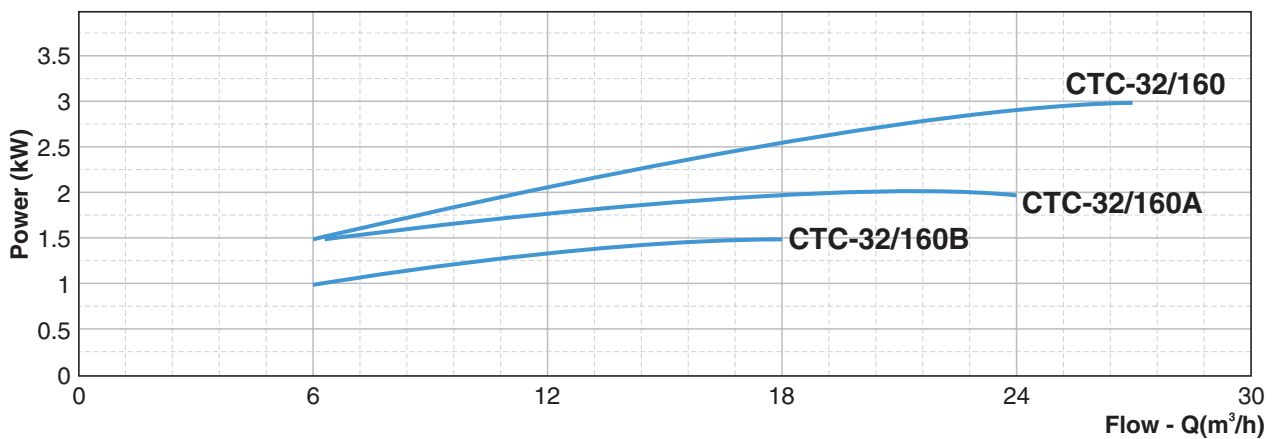
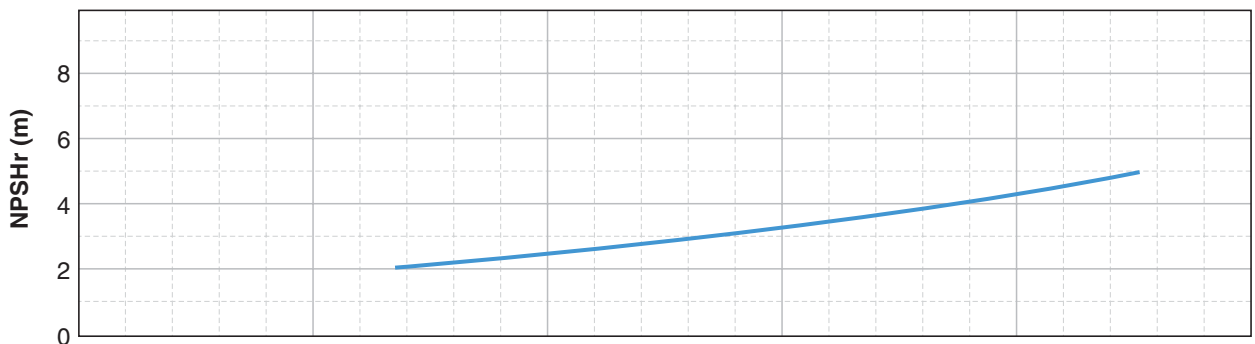
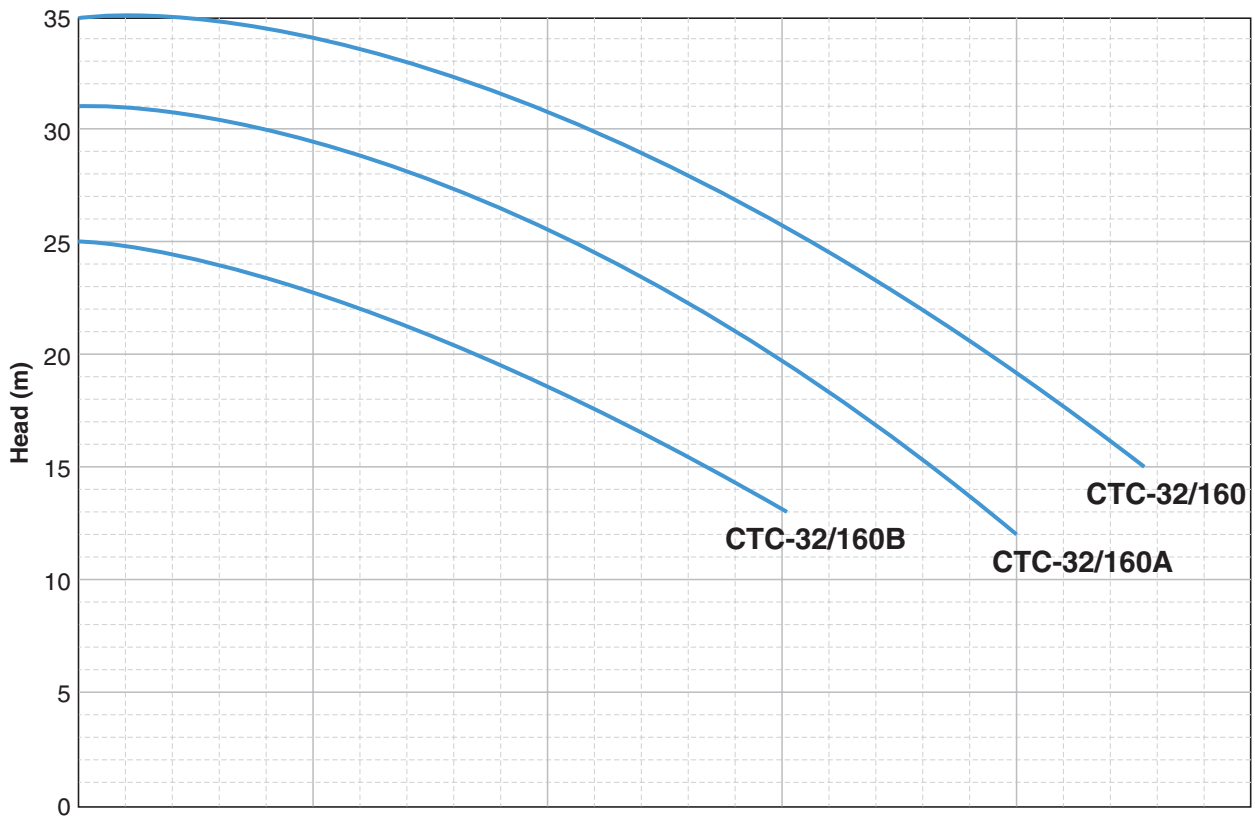


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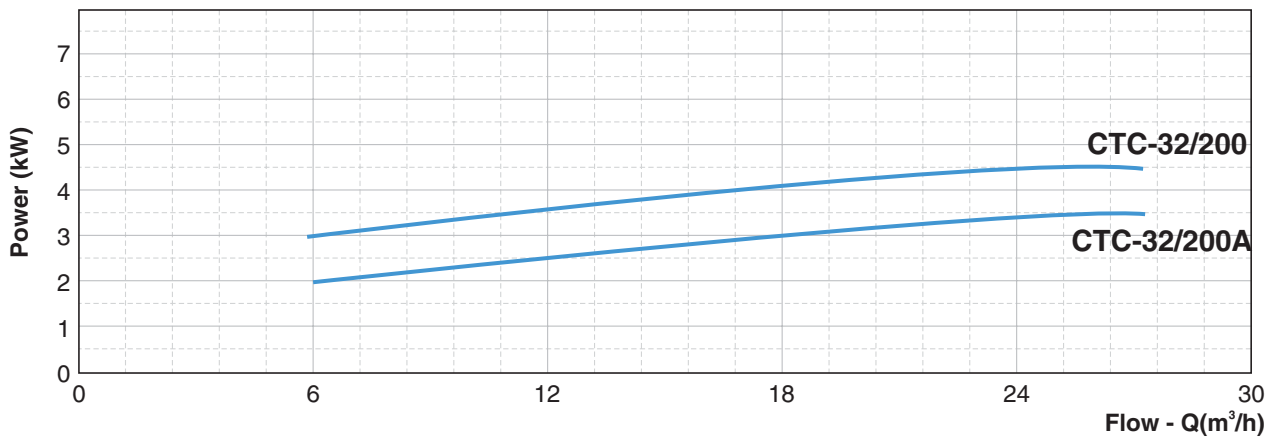
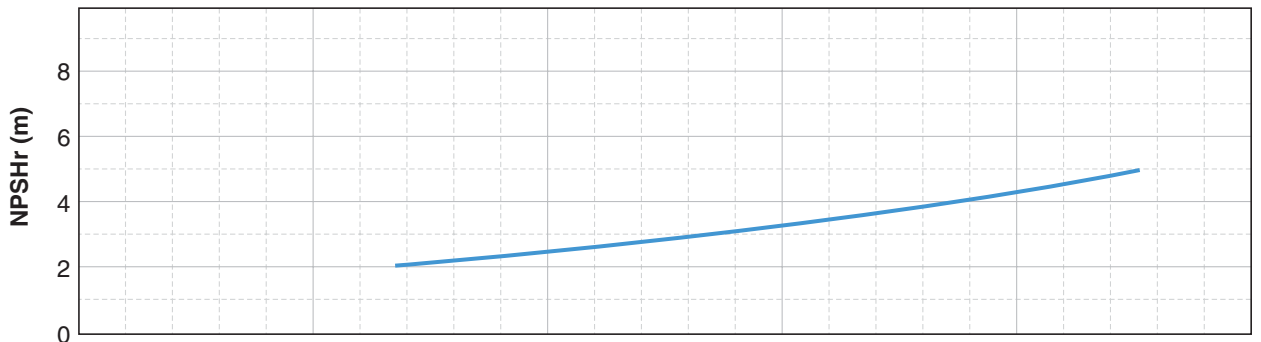
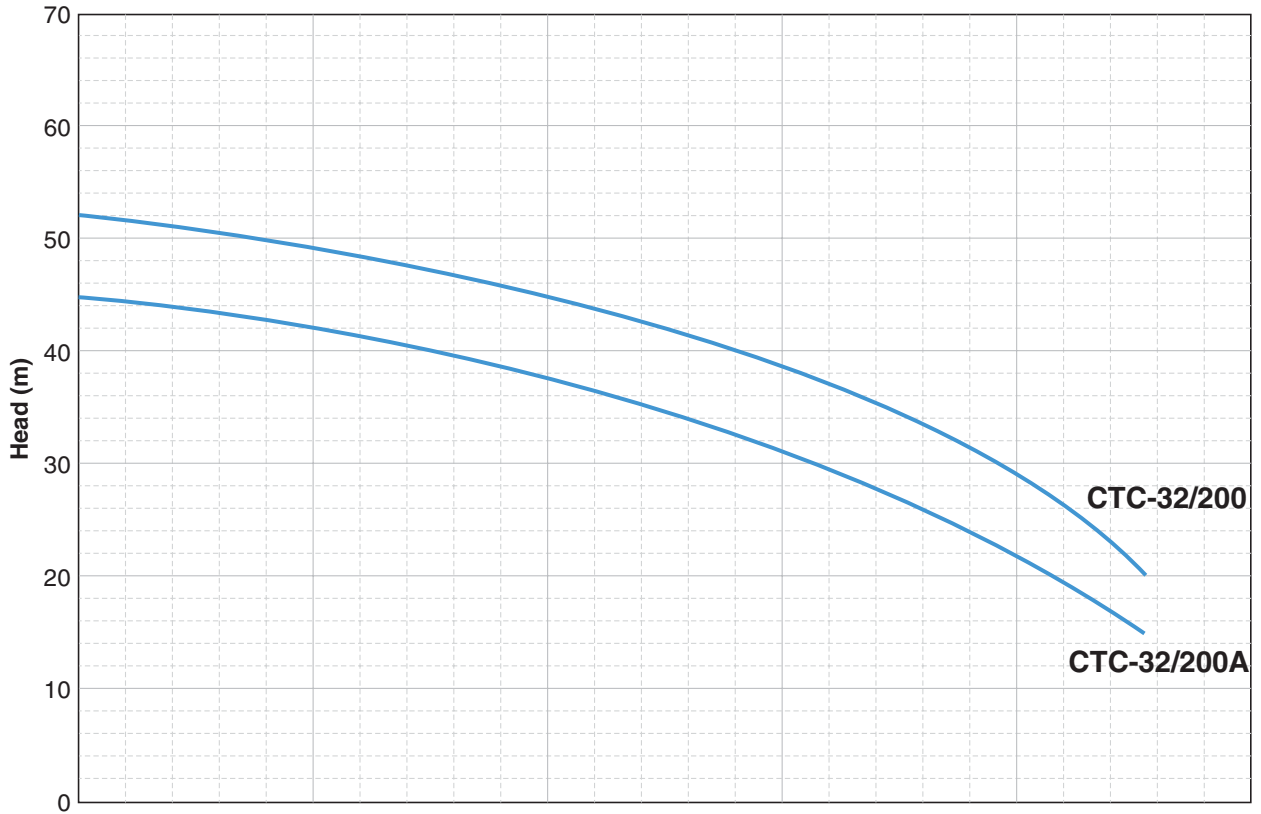


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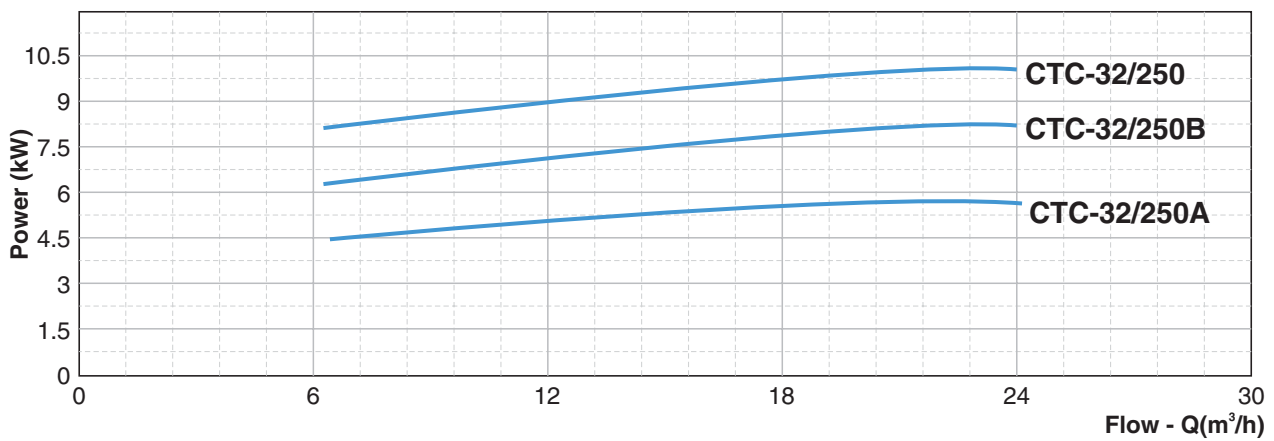
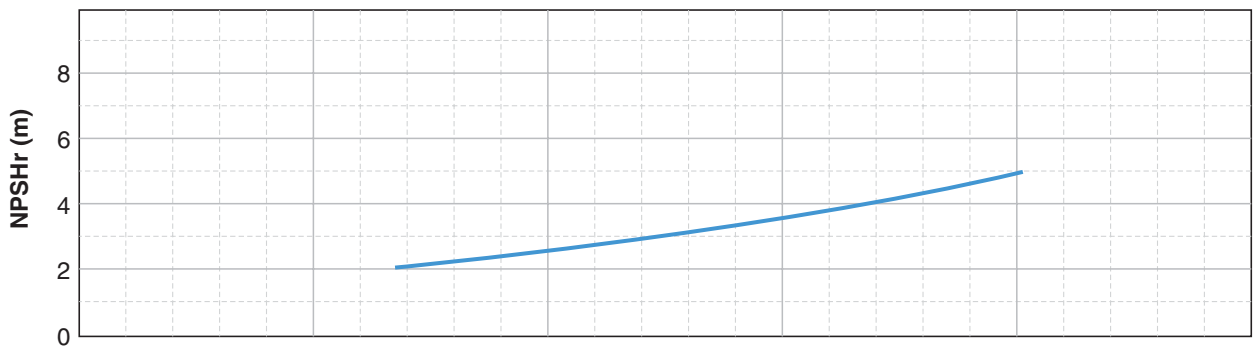
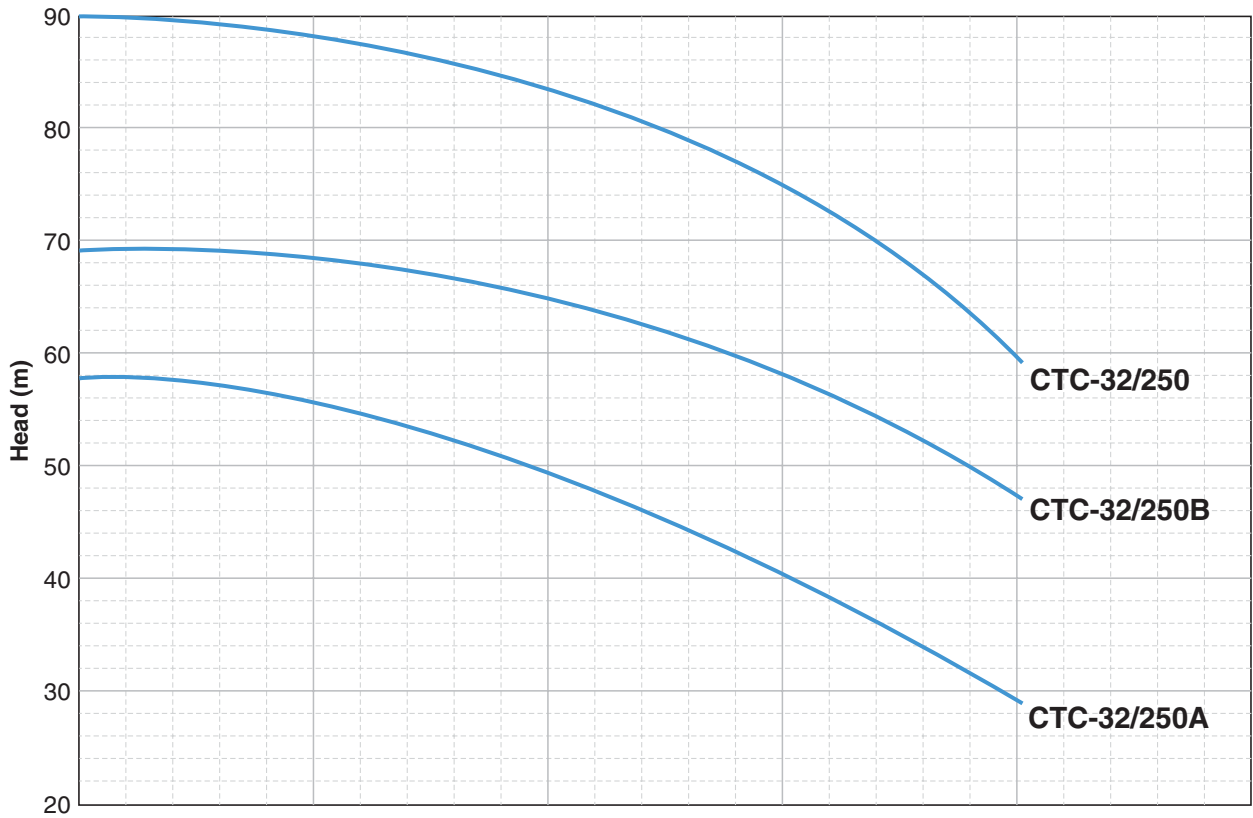


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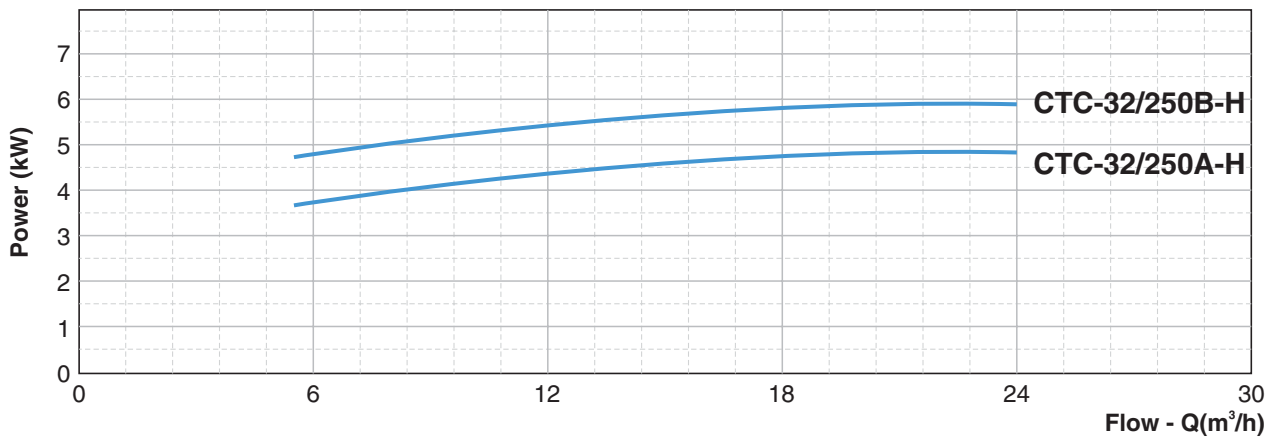
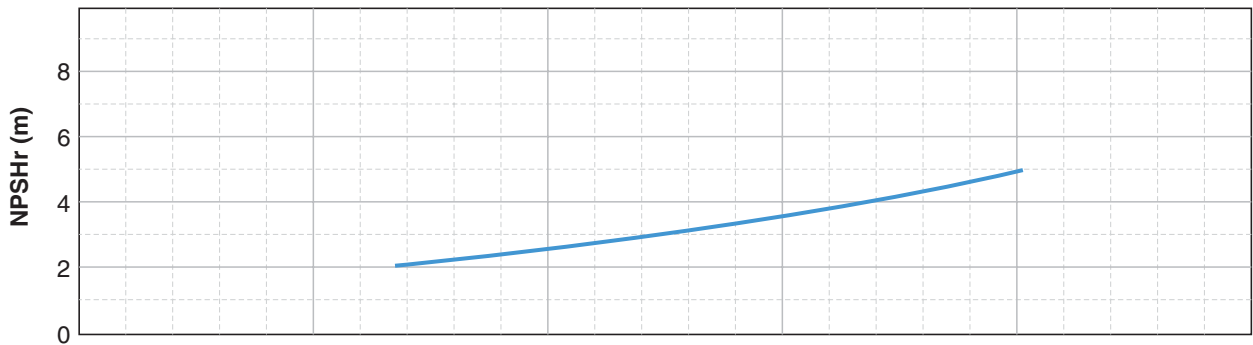
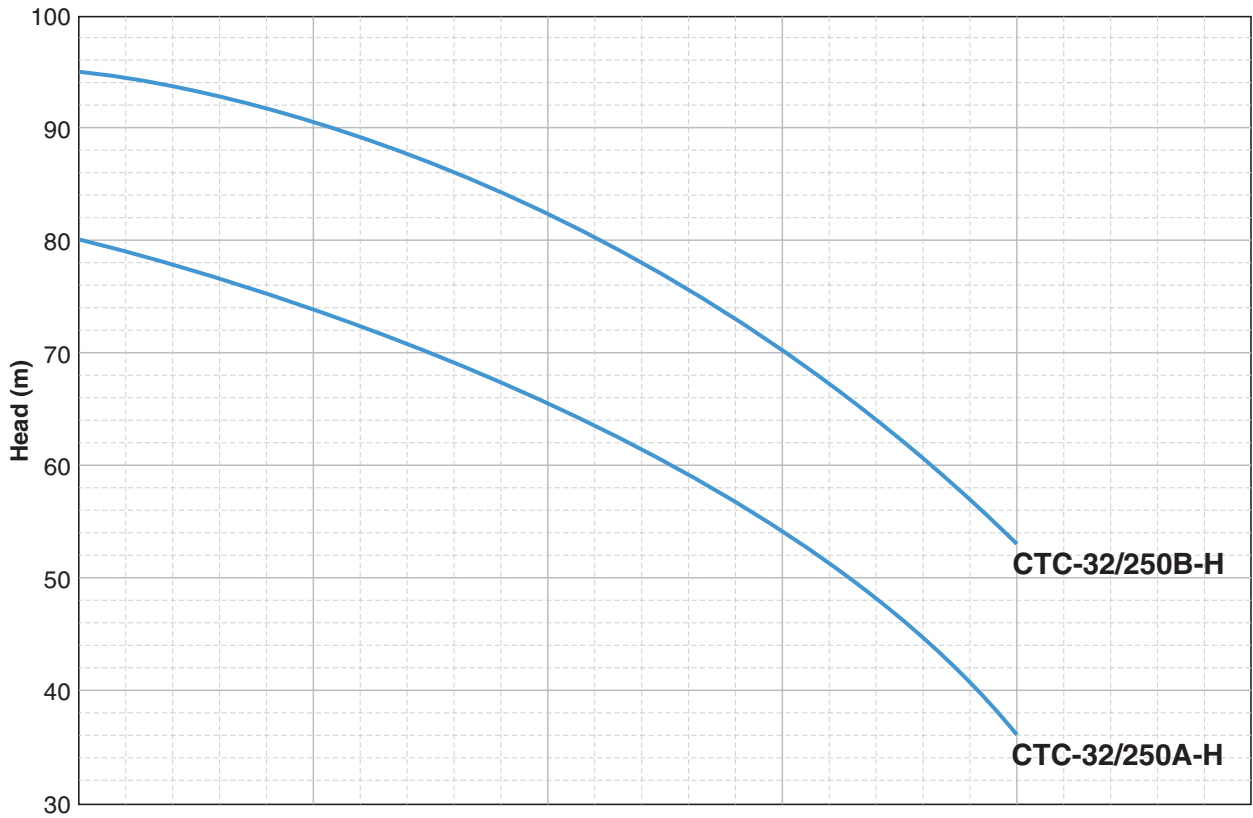


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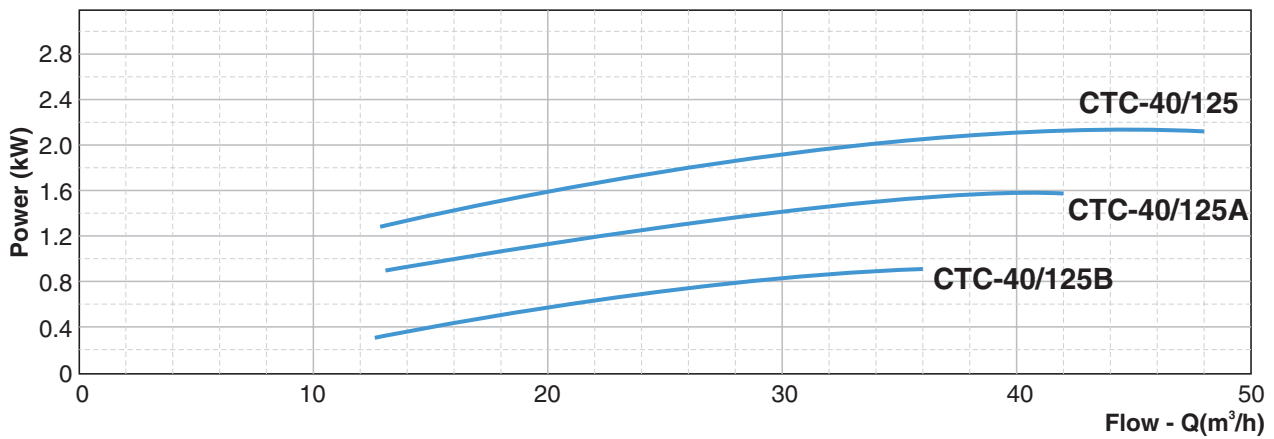
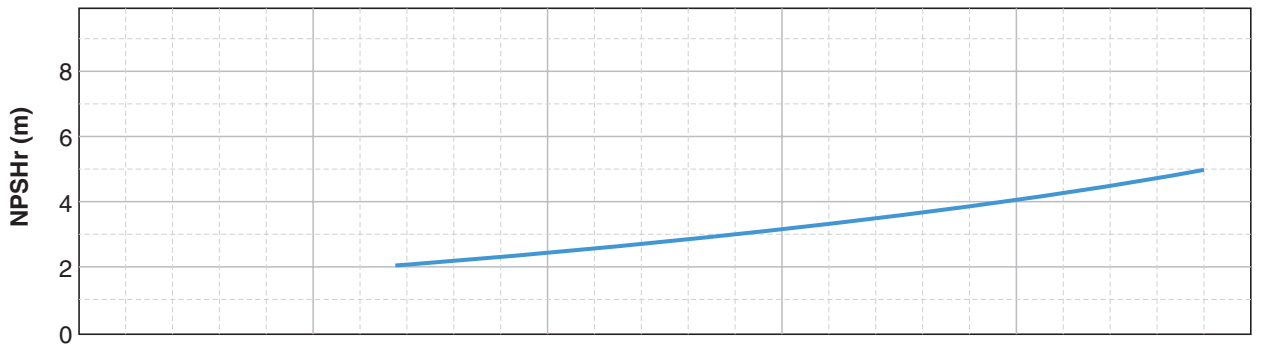
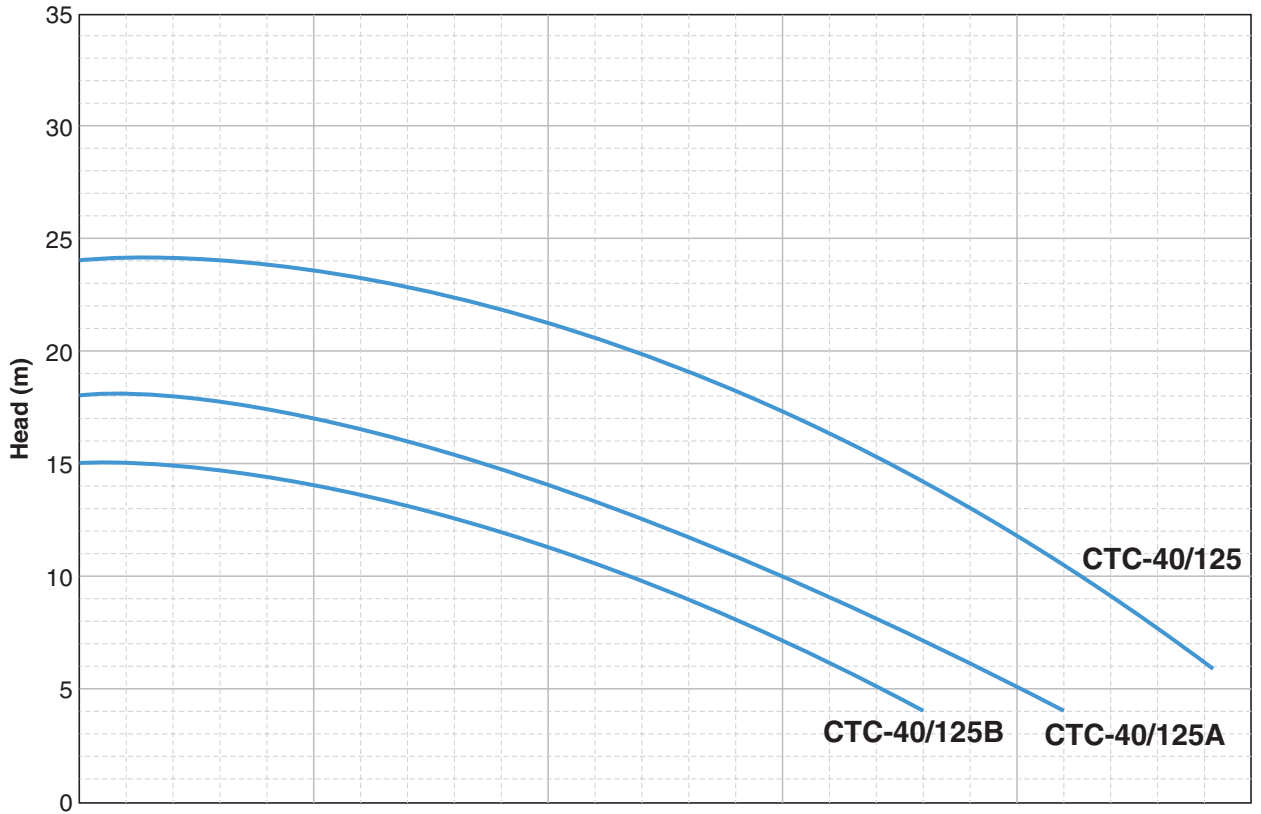


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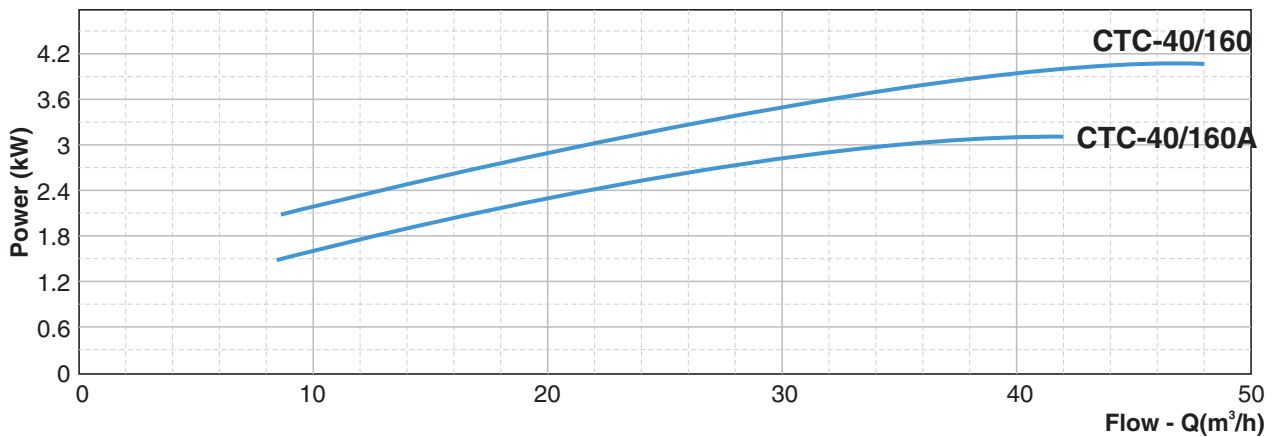
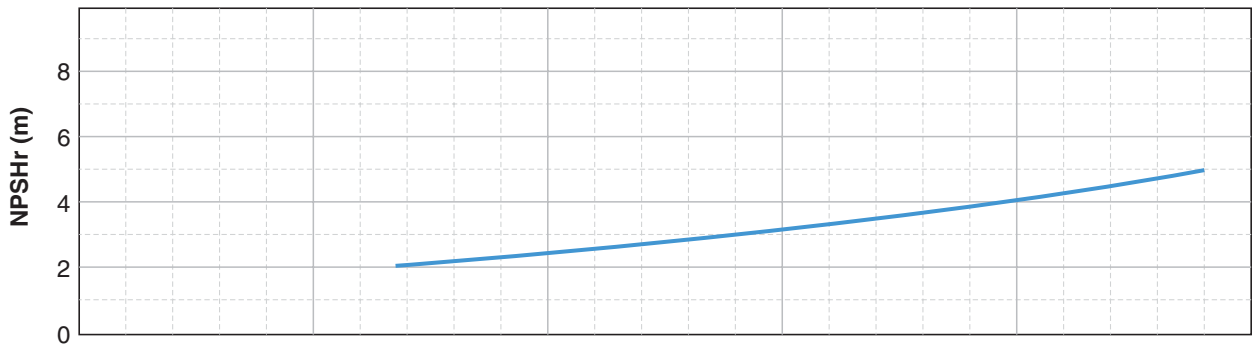
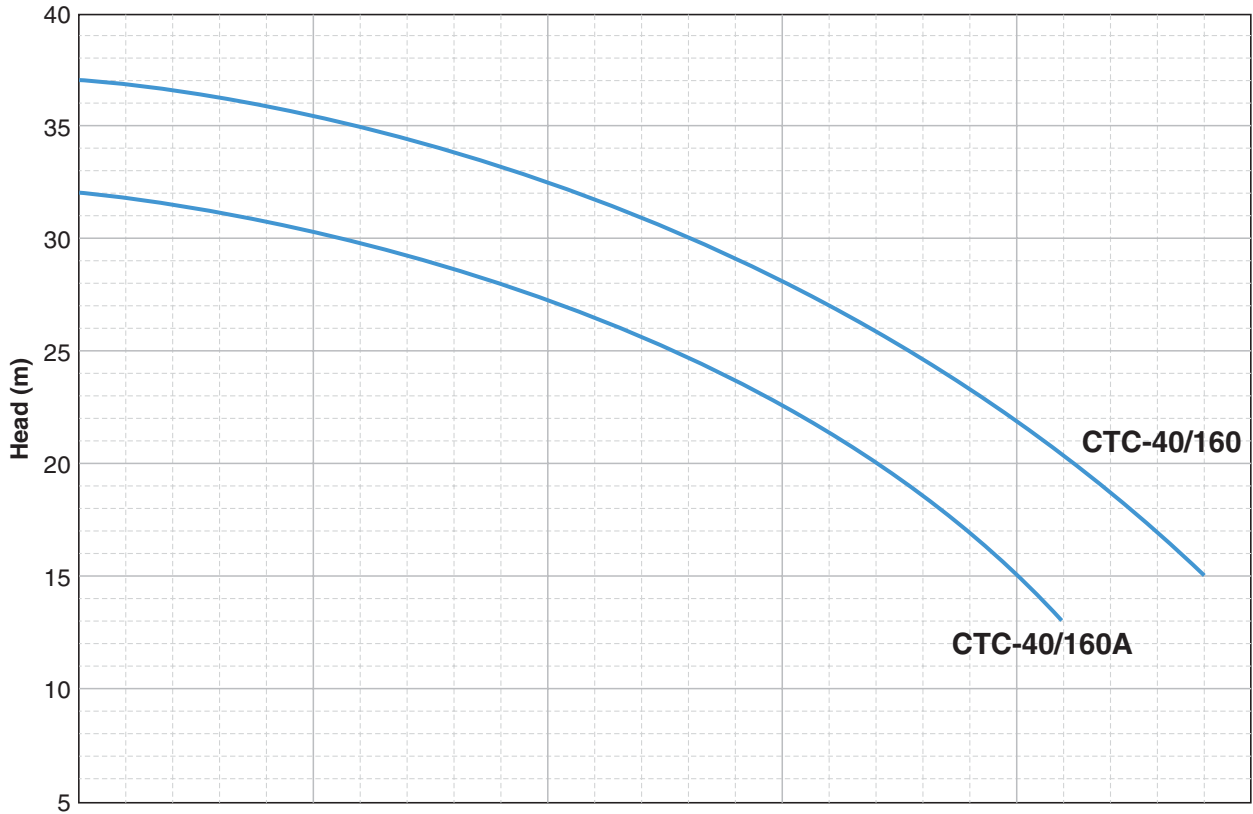


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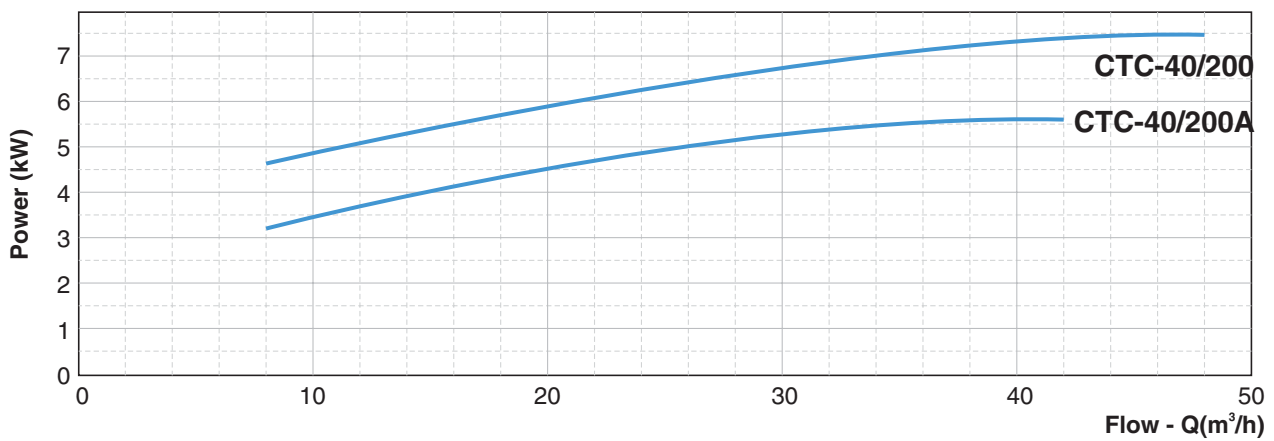
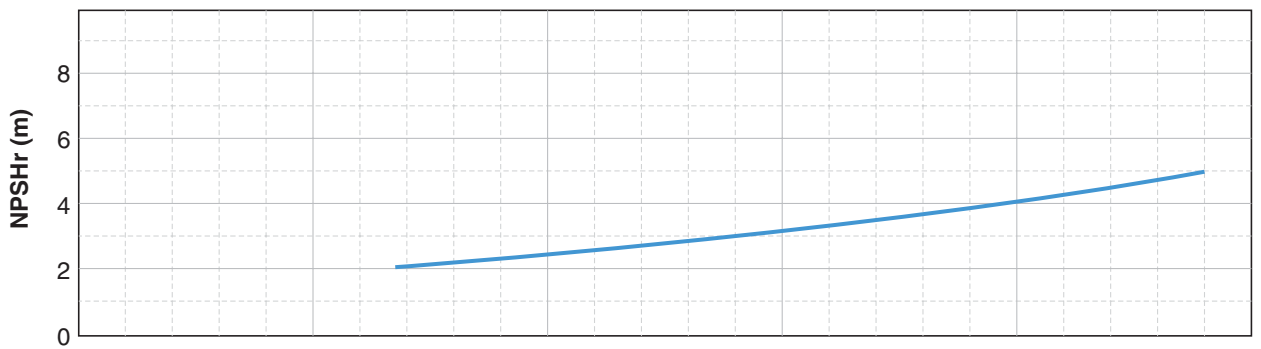
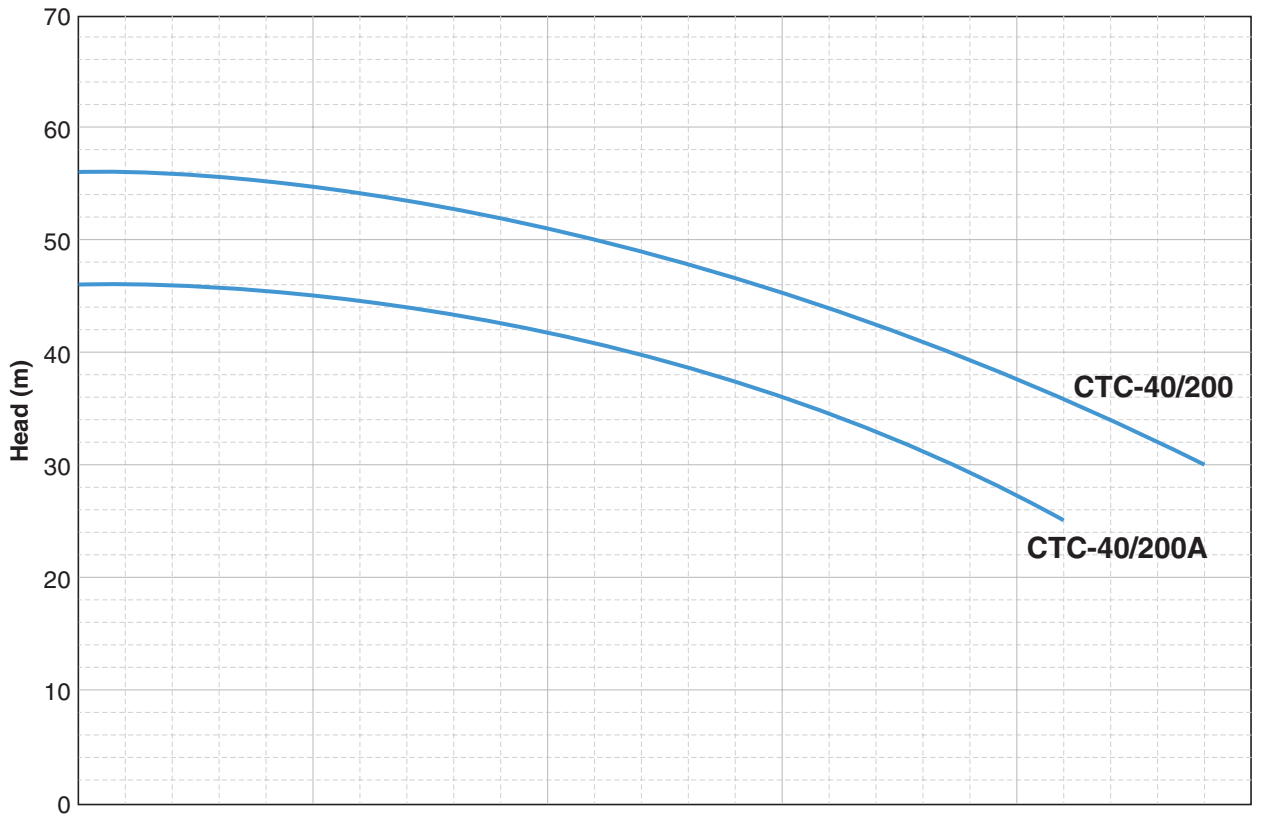


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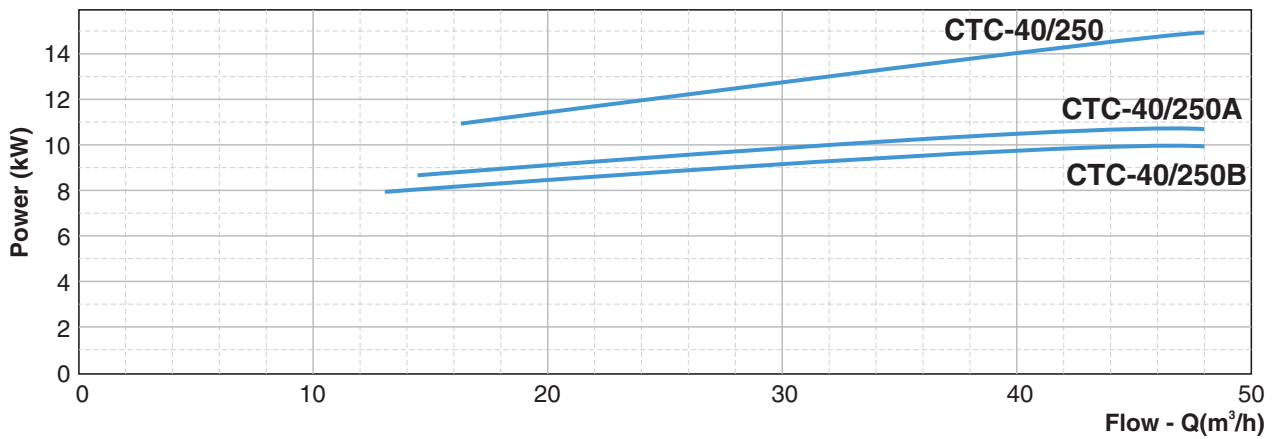
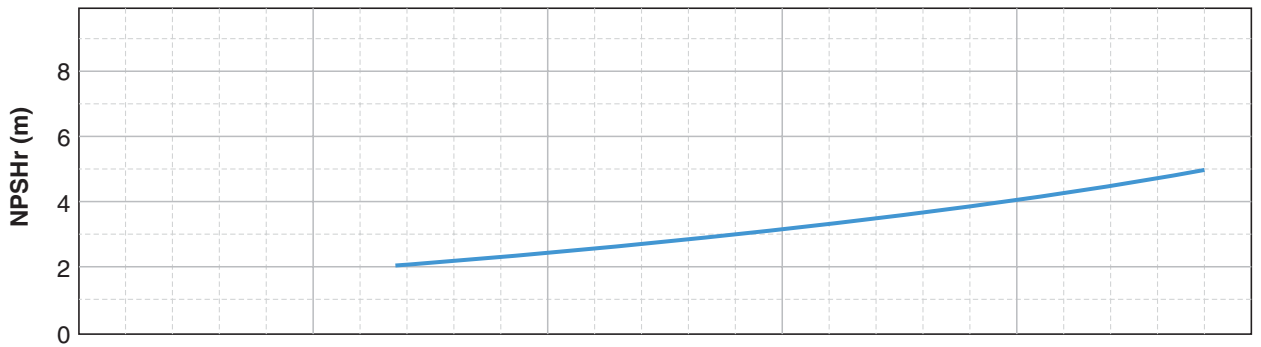
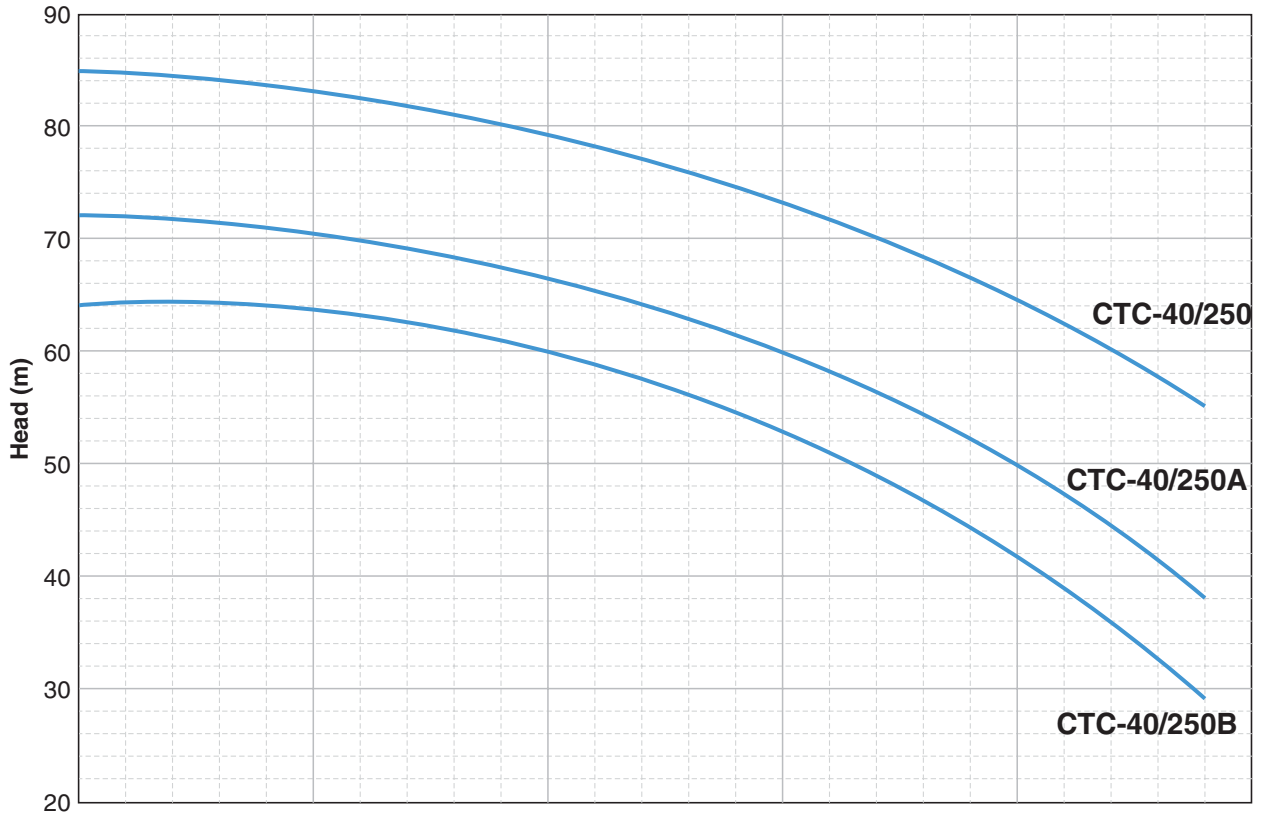


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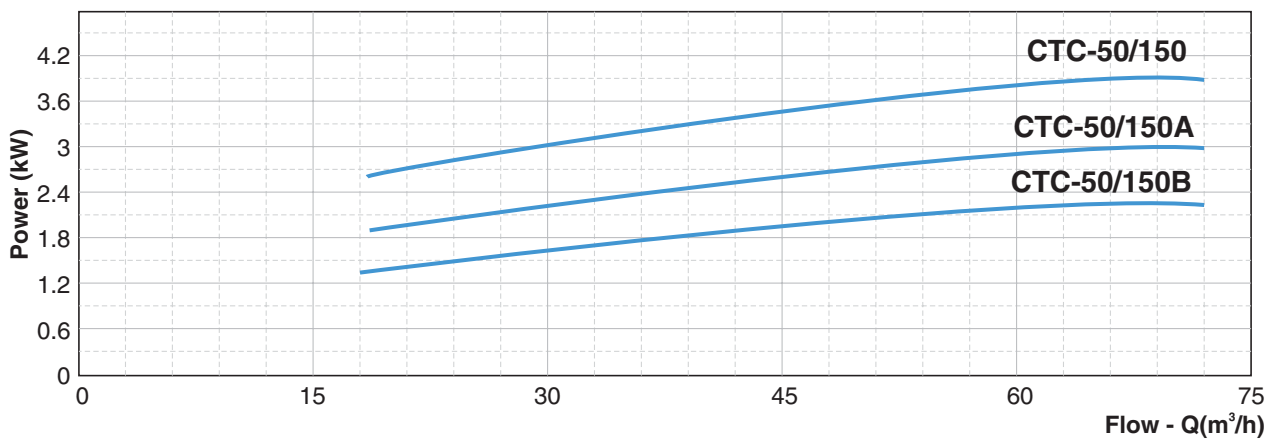
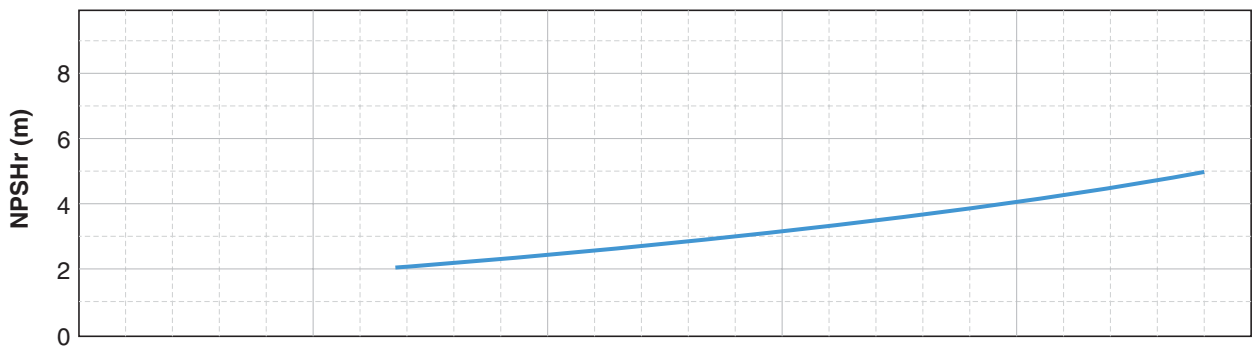
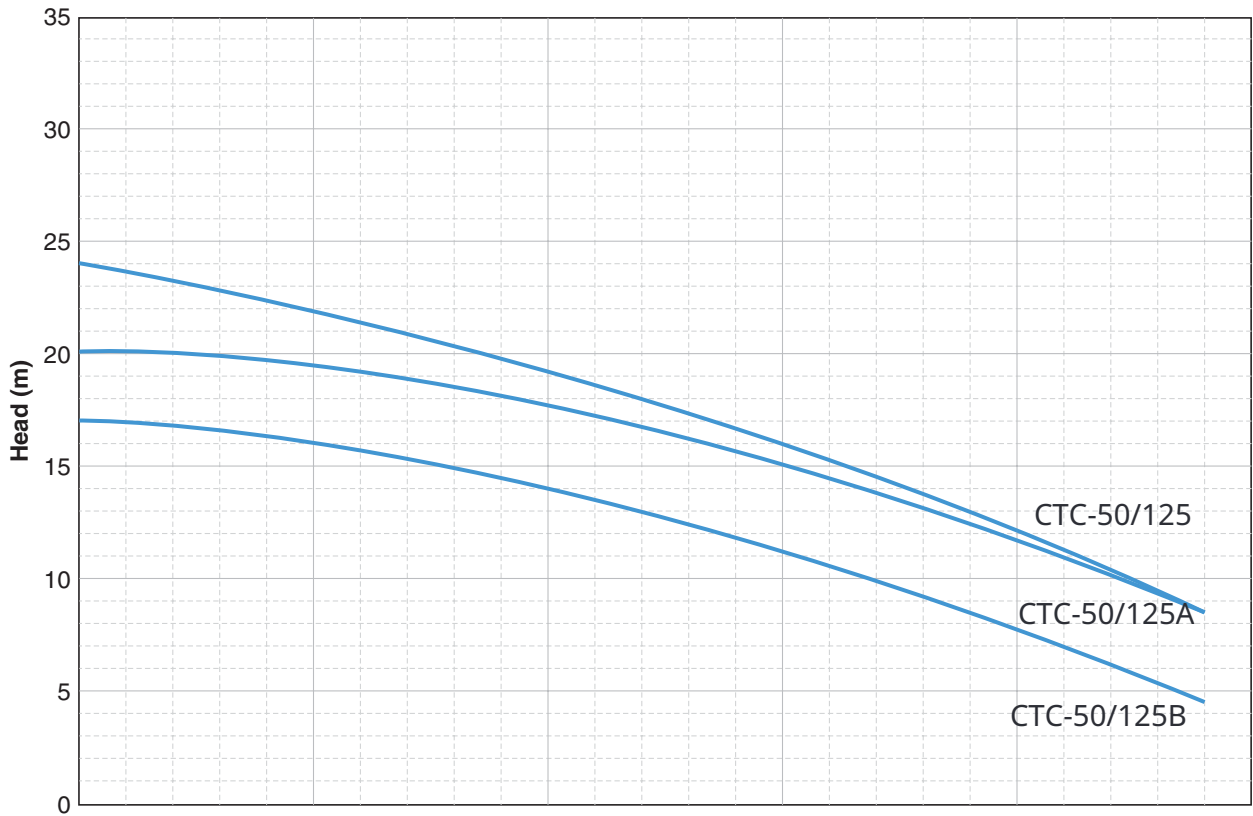


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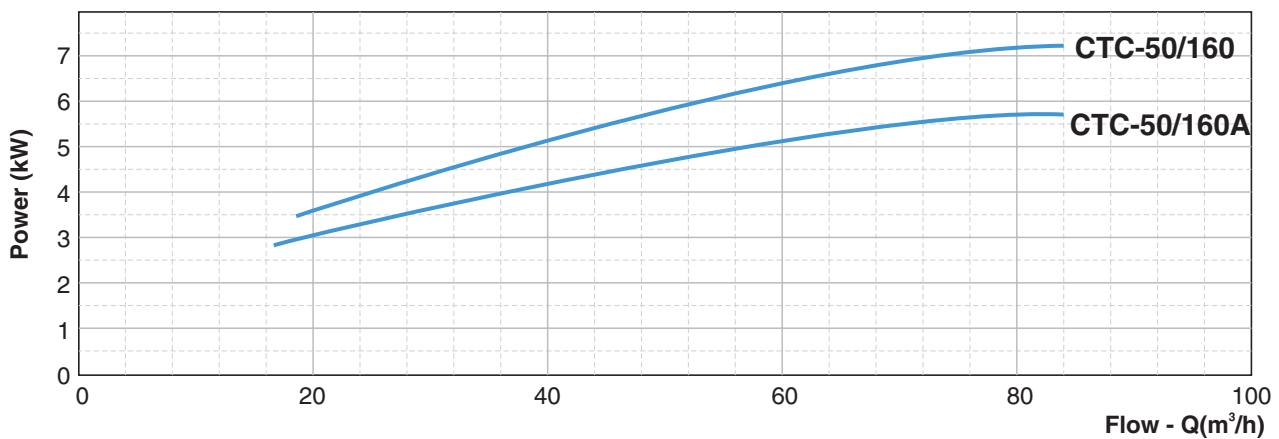
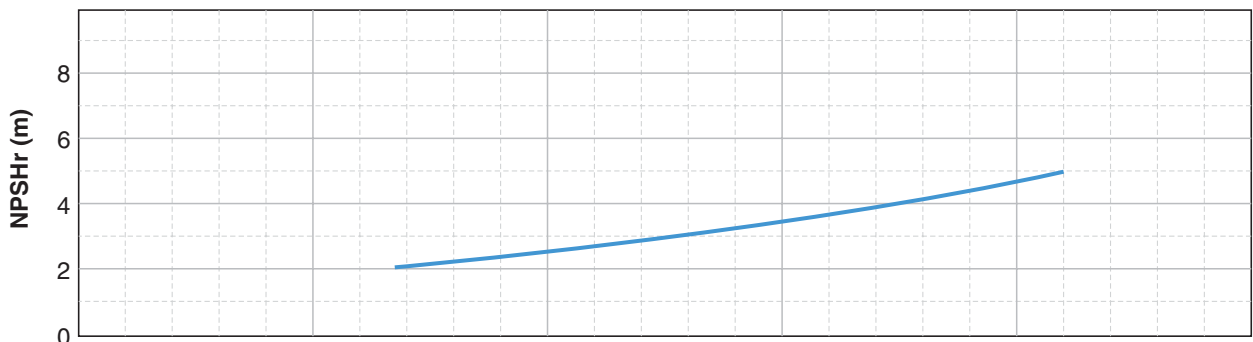
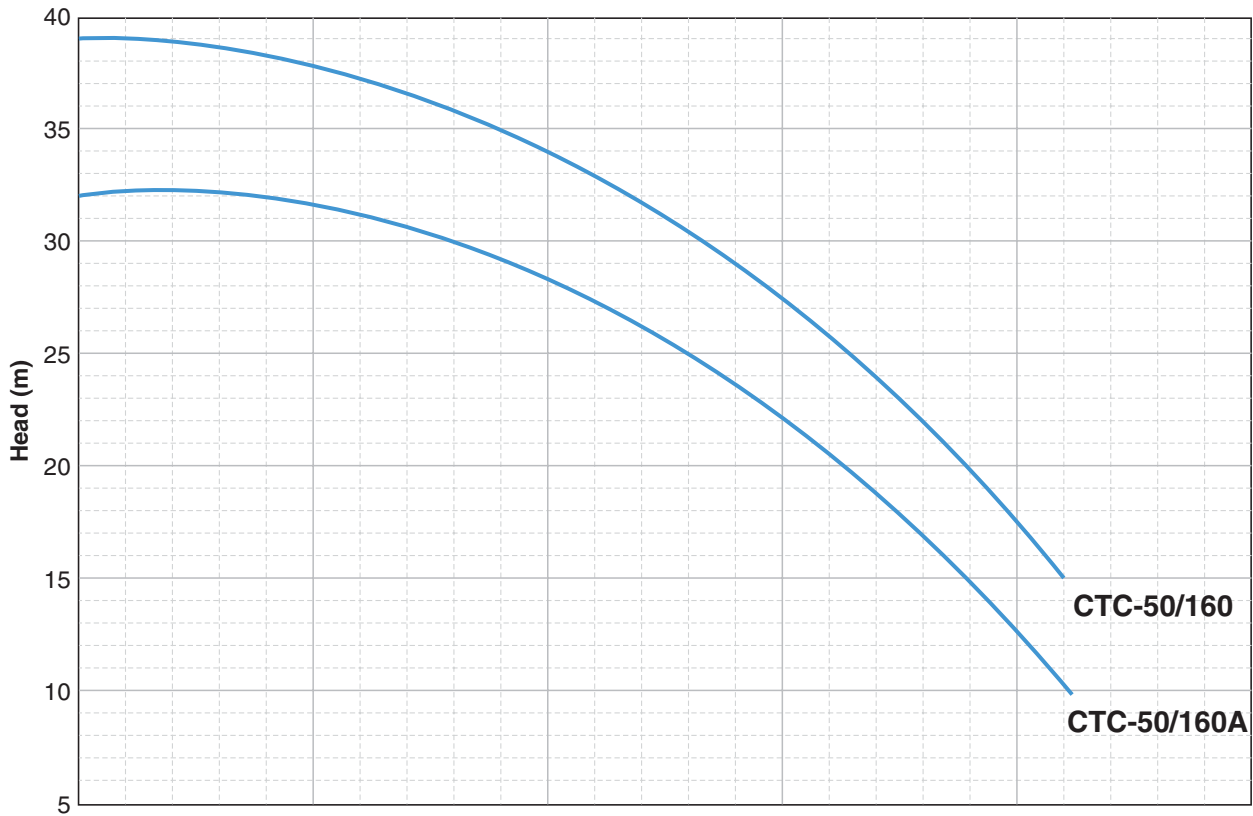


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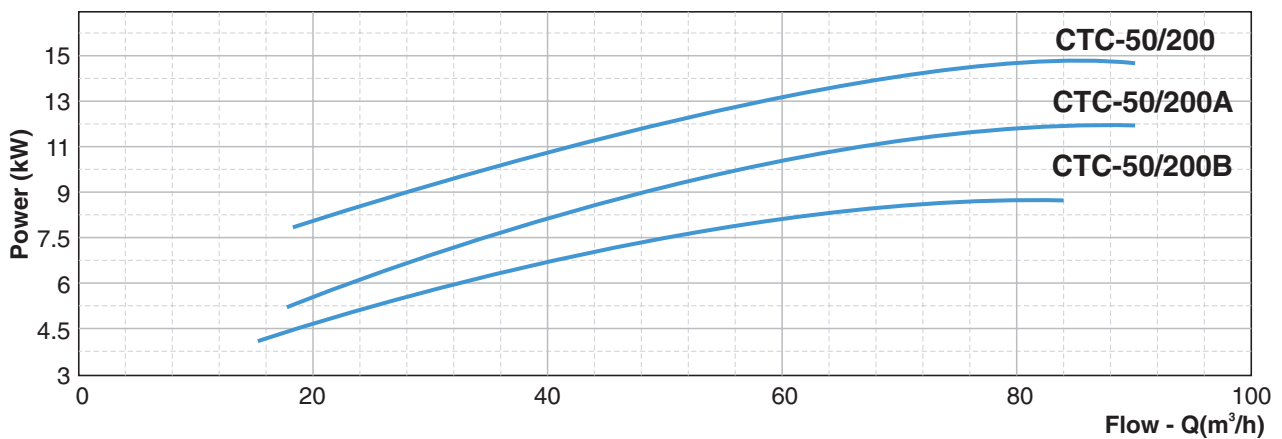
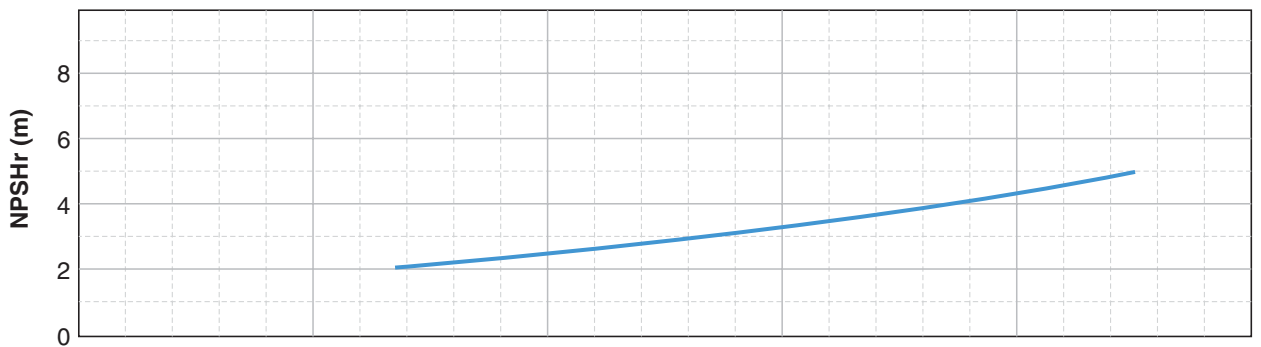
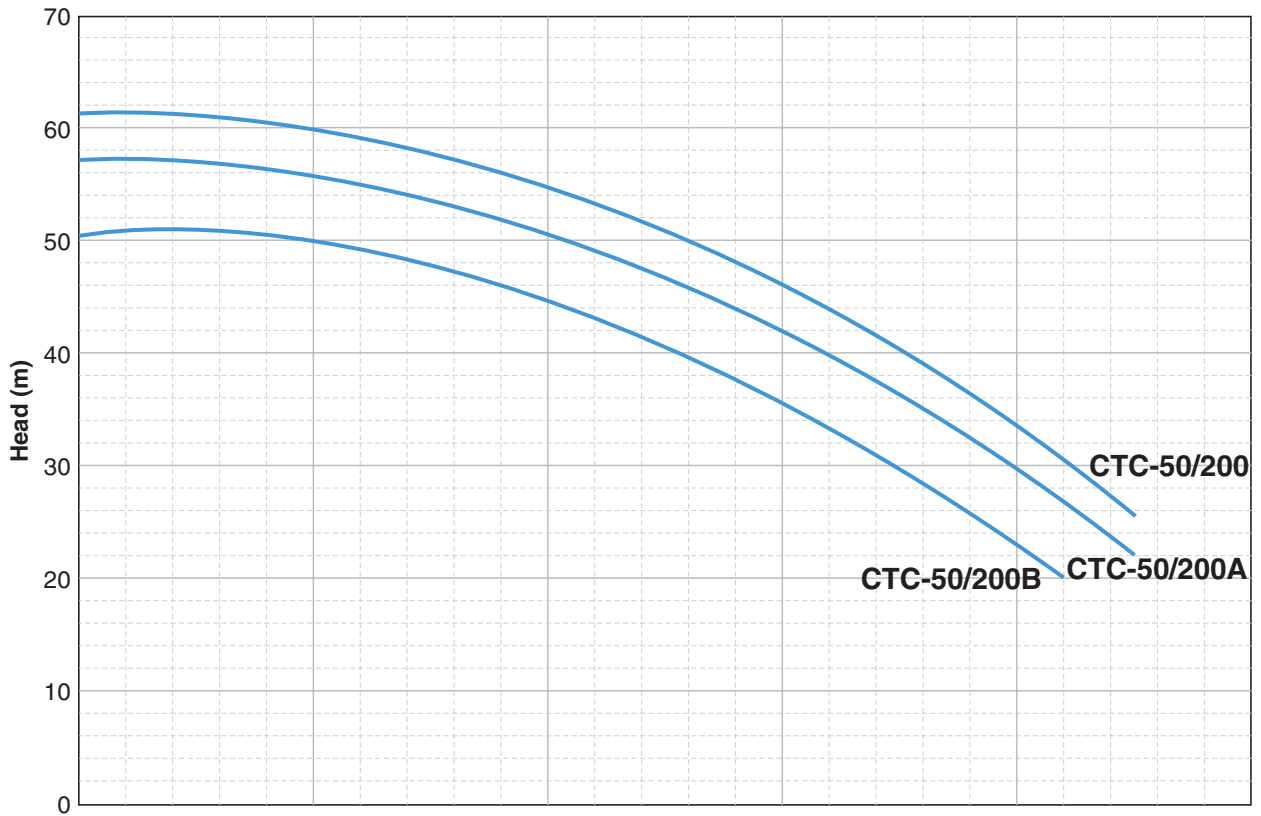


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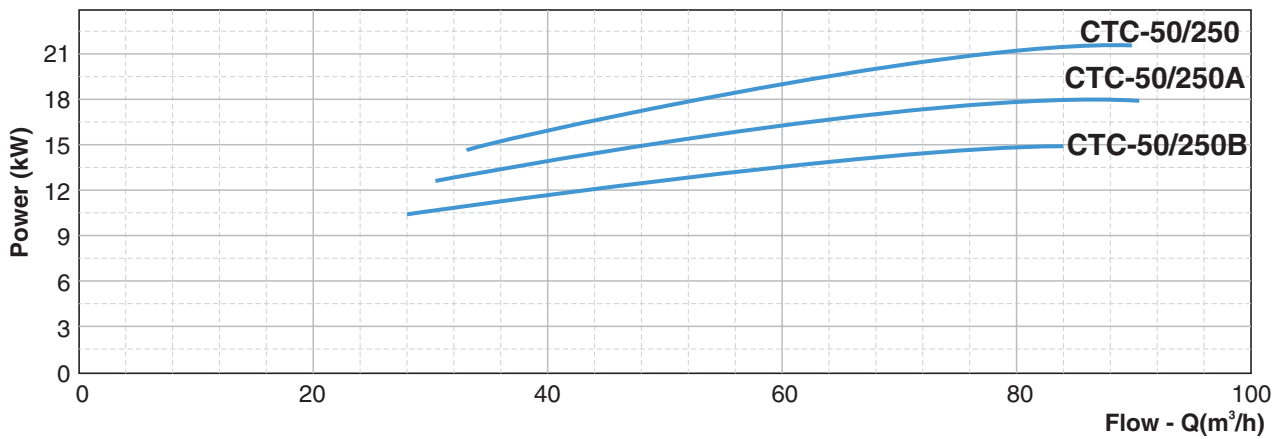
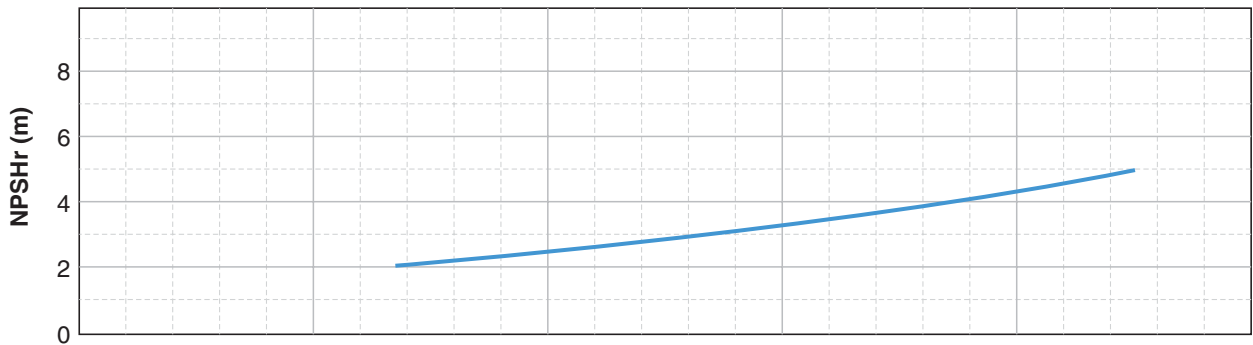
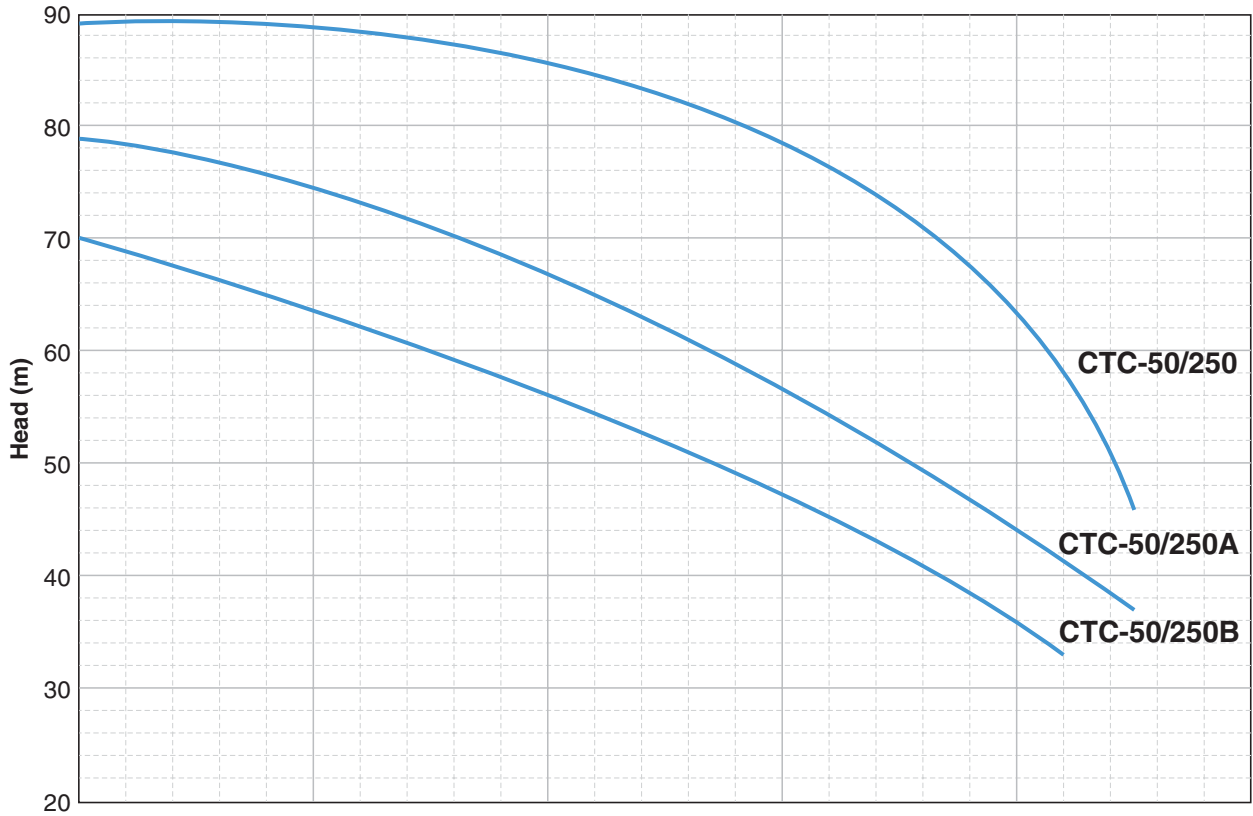


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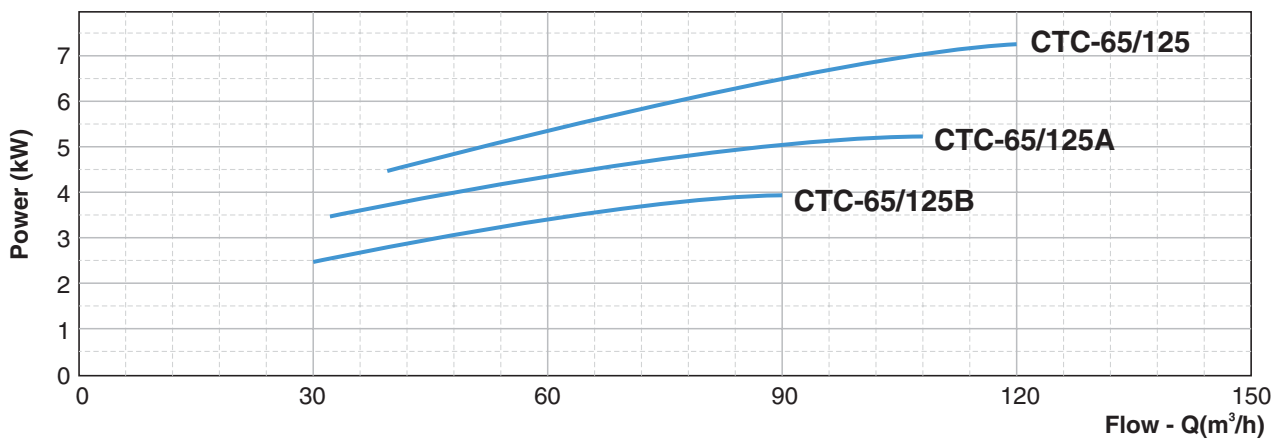
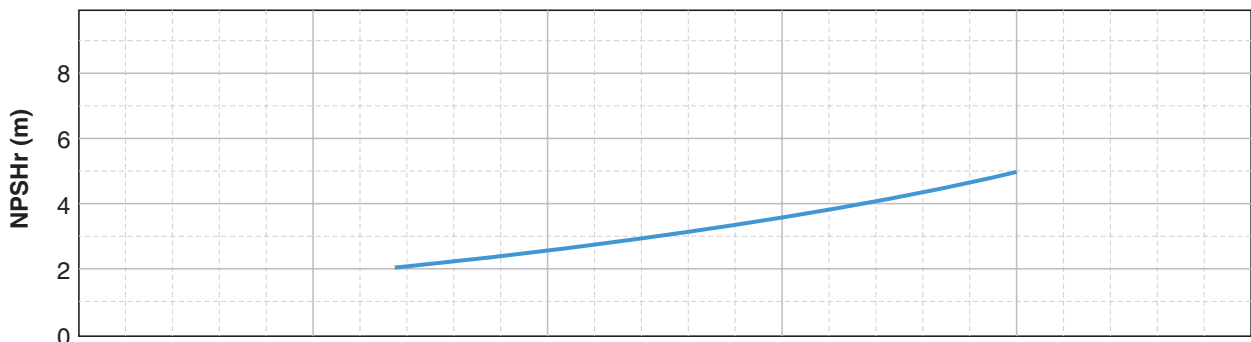
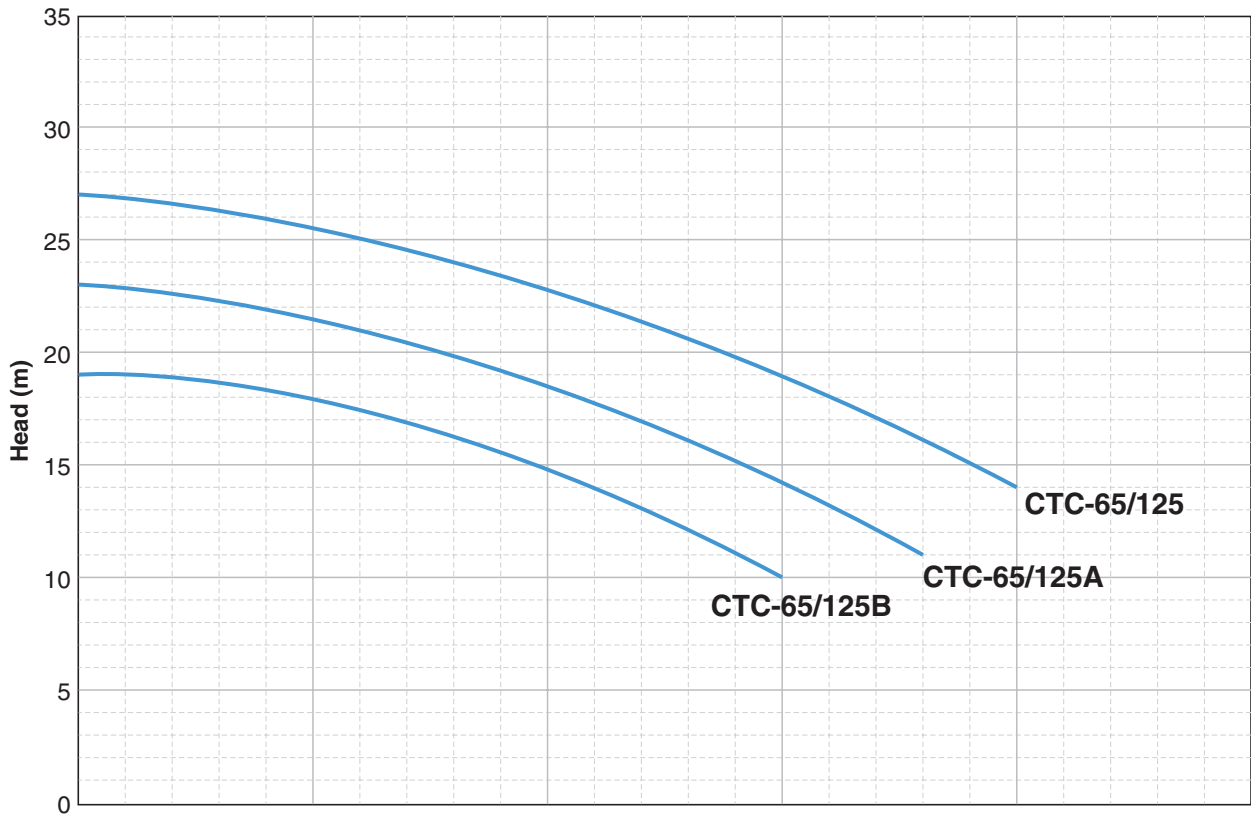


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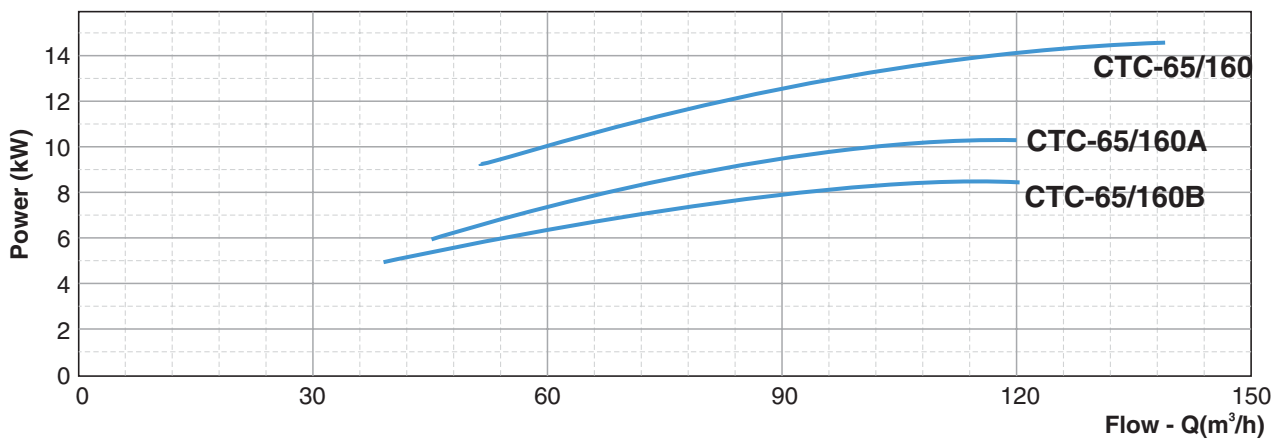
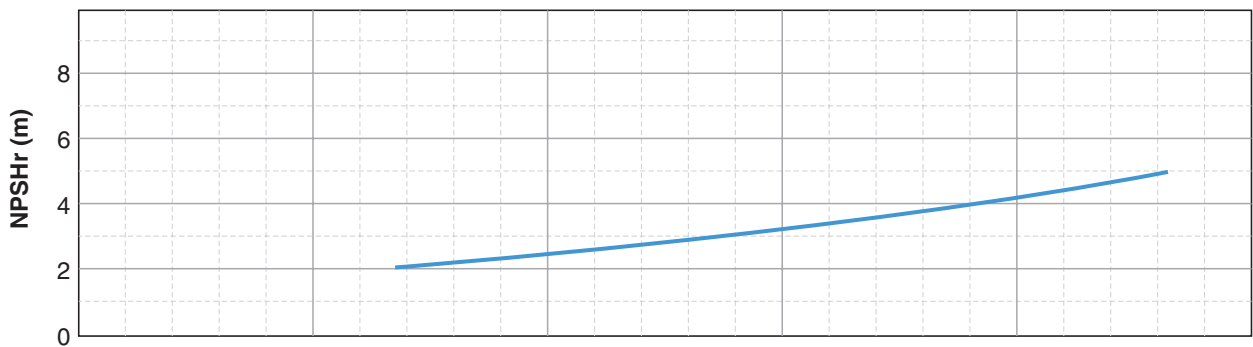
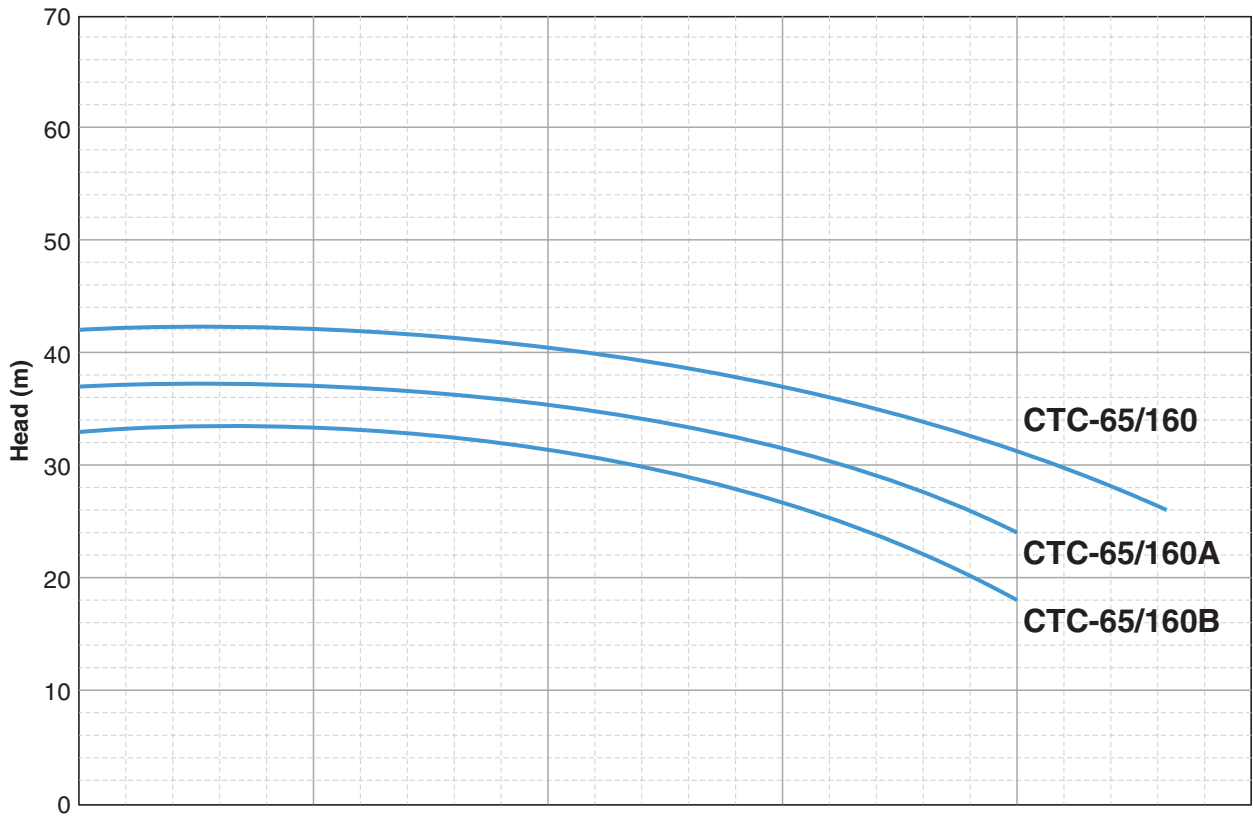


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CT SERIES - 3 Phase

Performance Curves

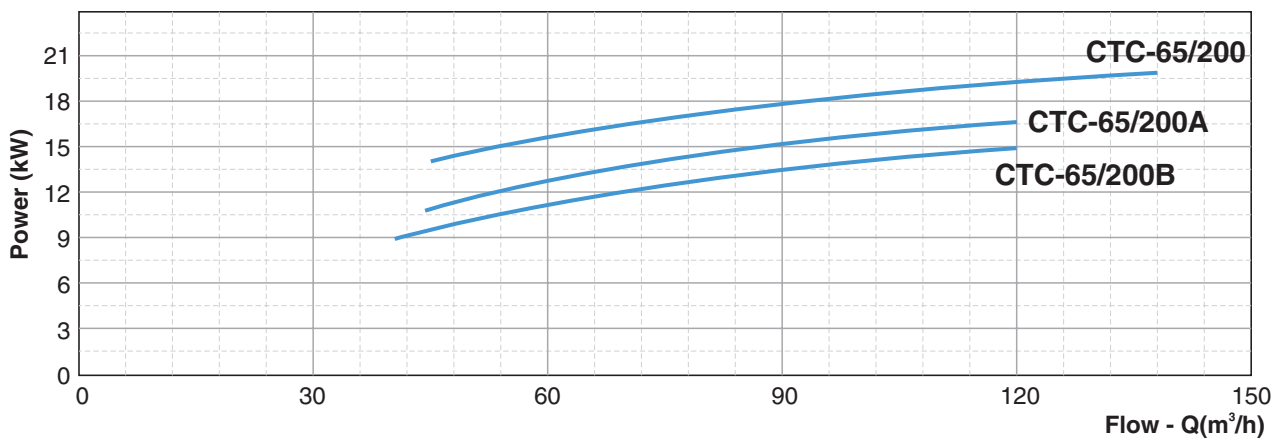
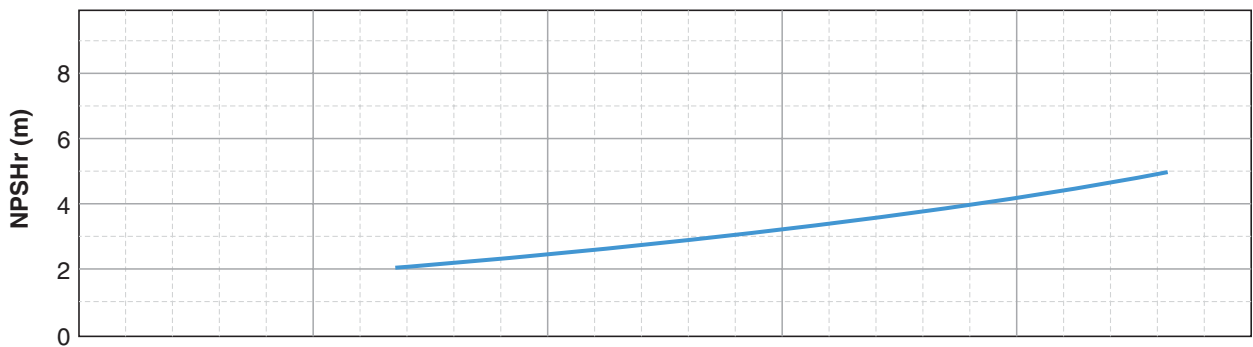
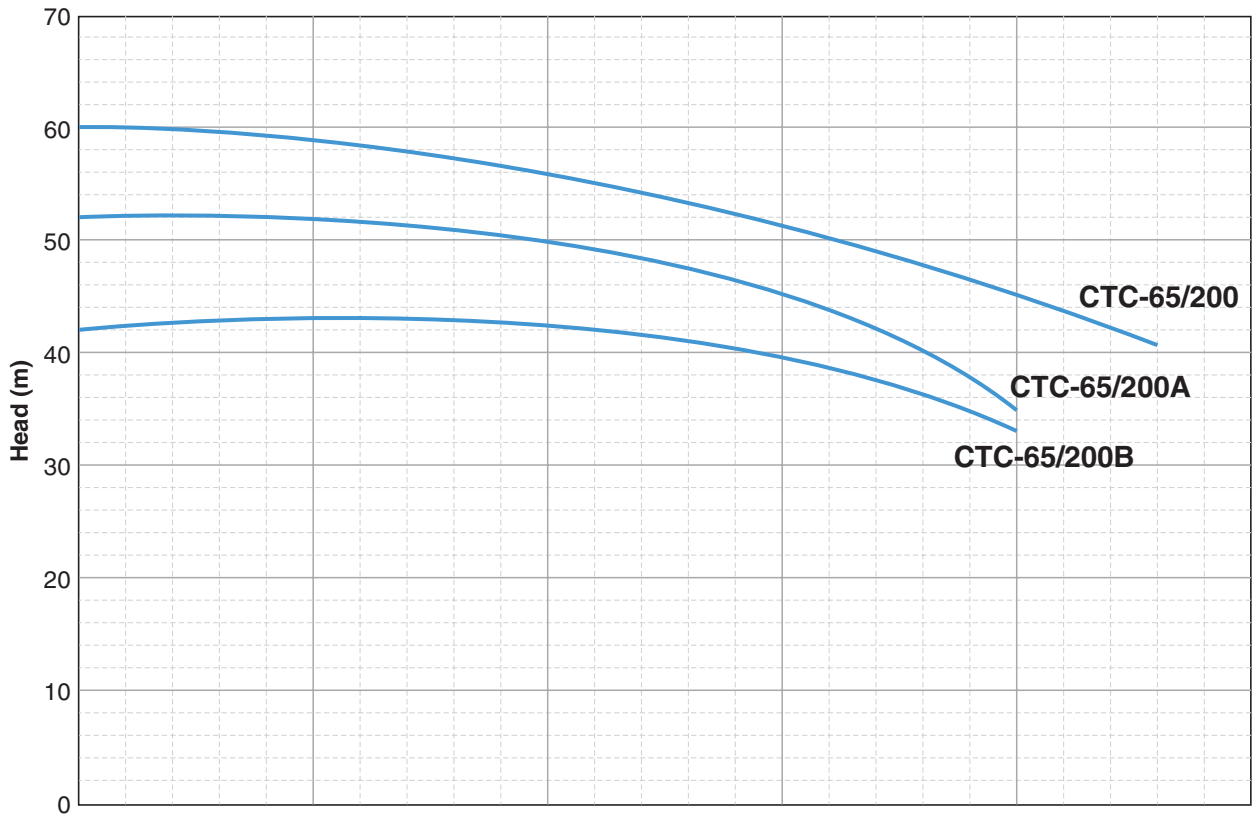


Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Performance Curves

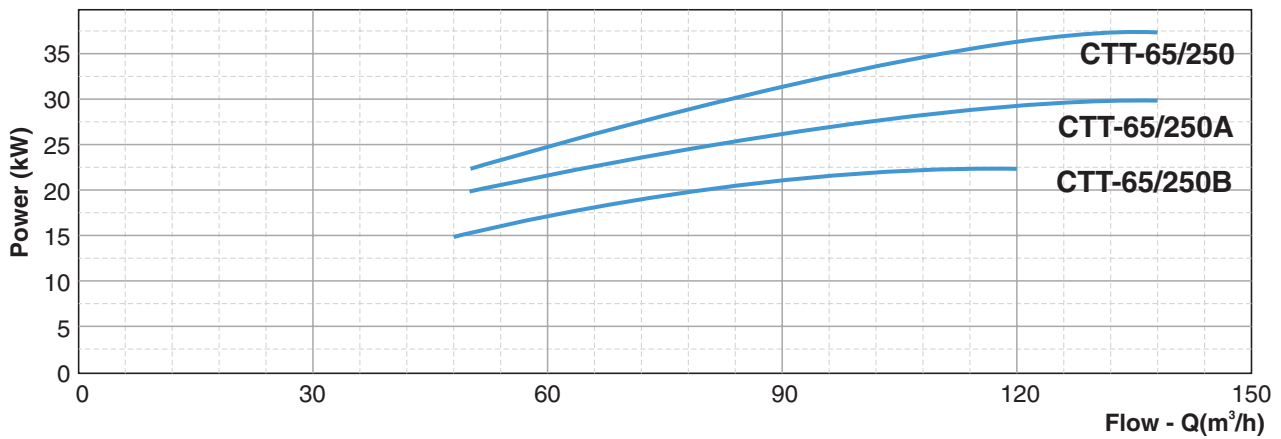
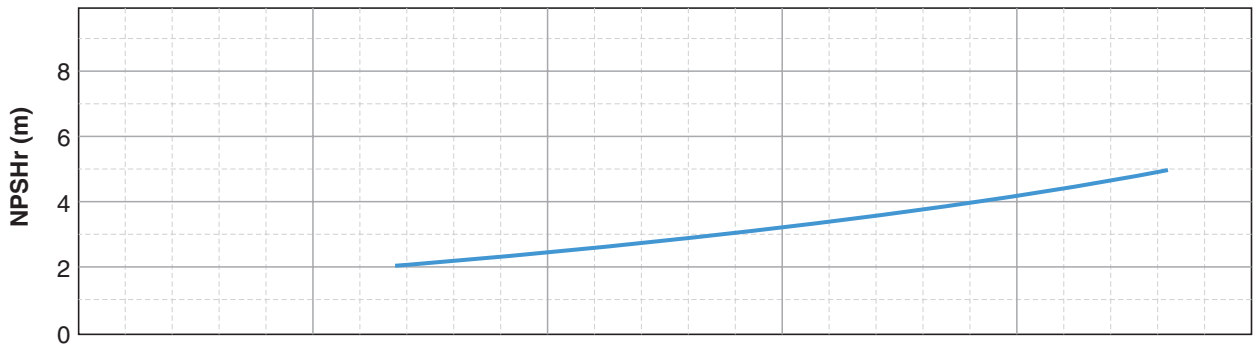
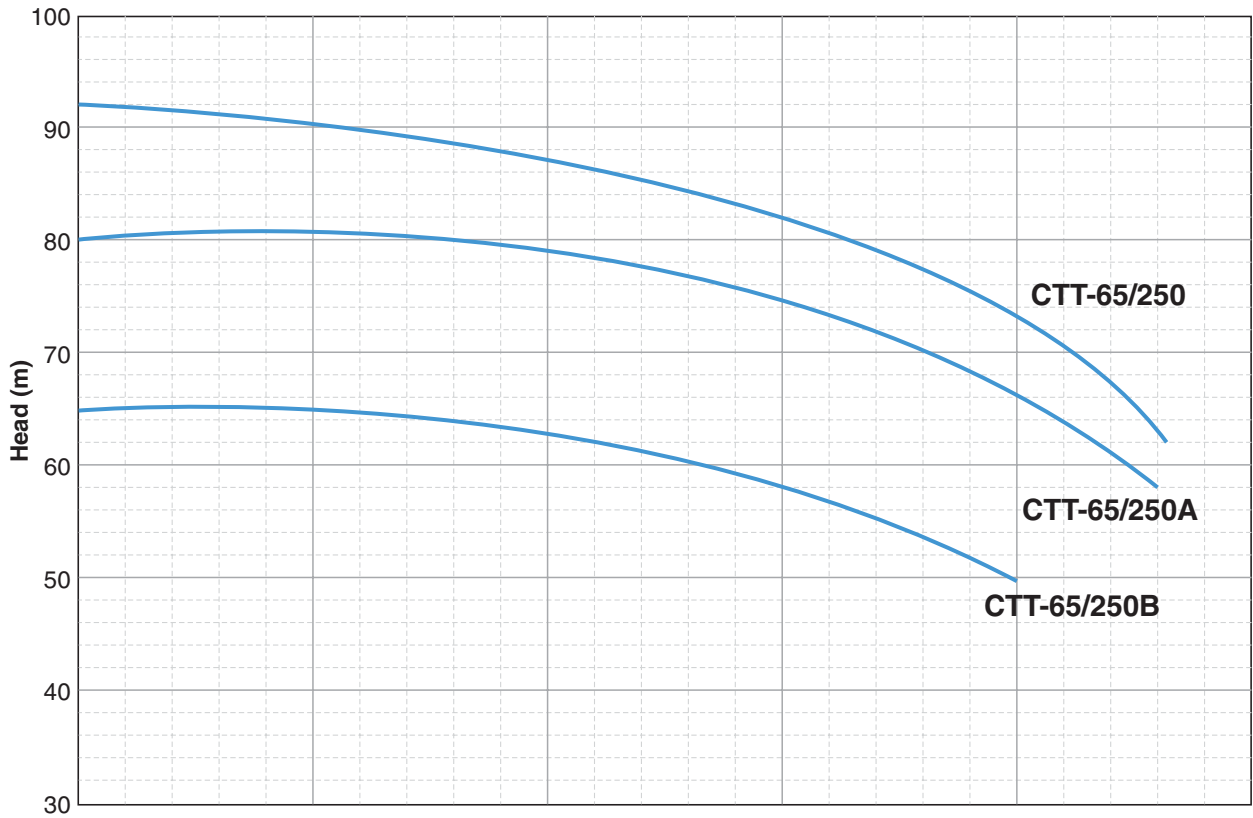


Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Performance Curves

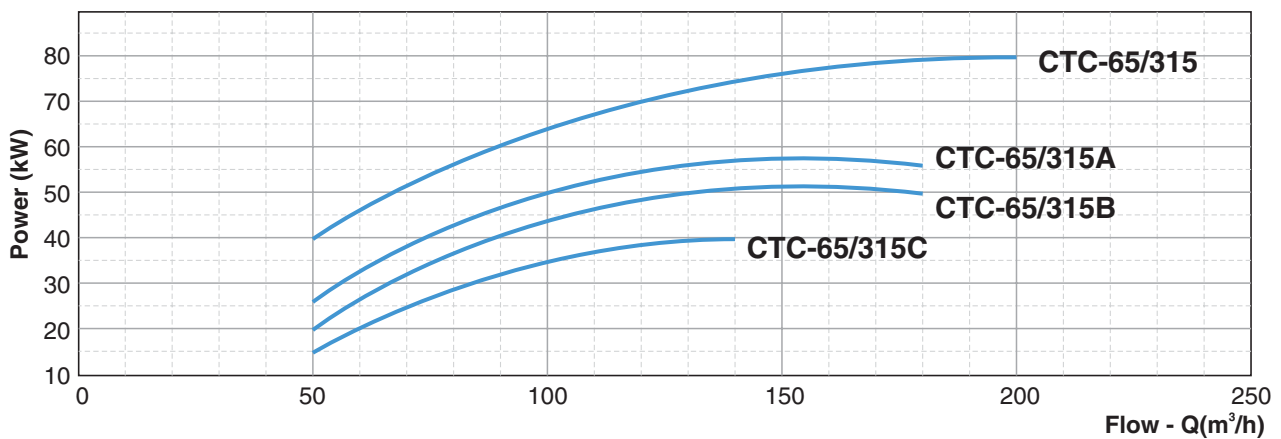
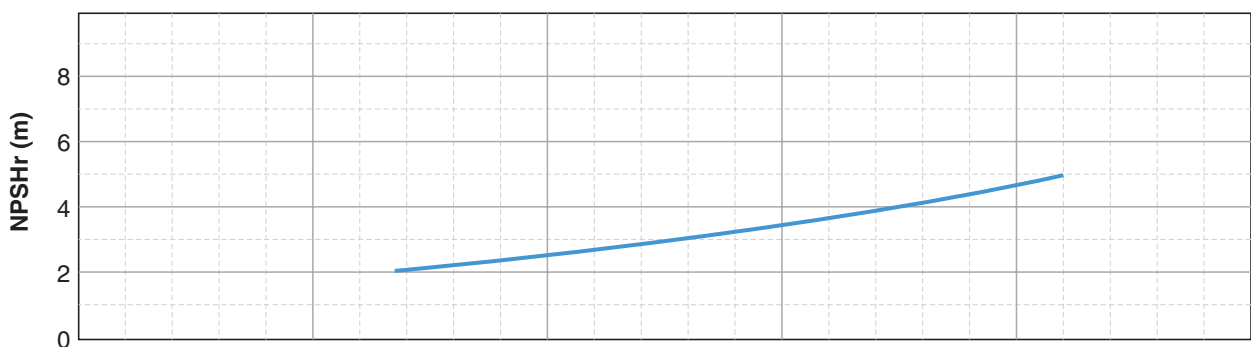
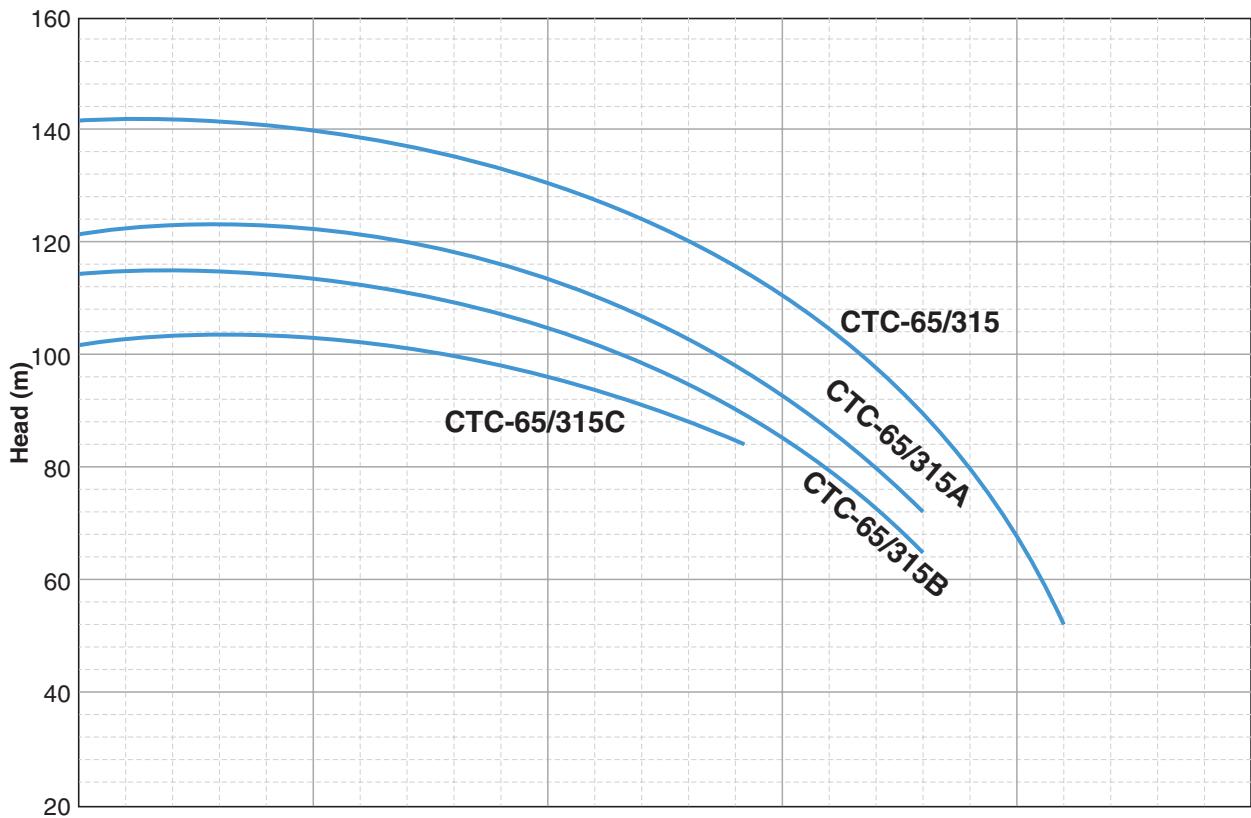


Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Performance Curves

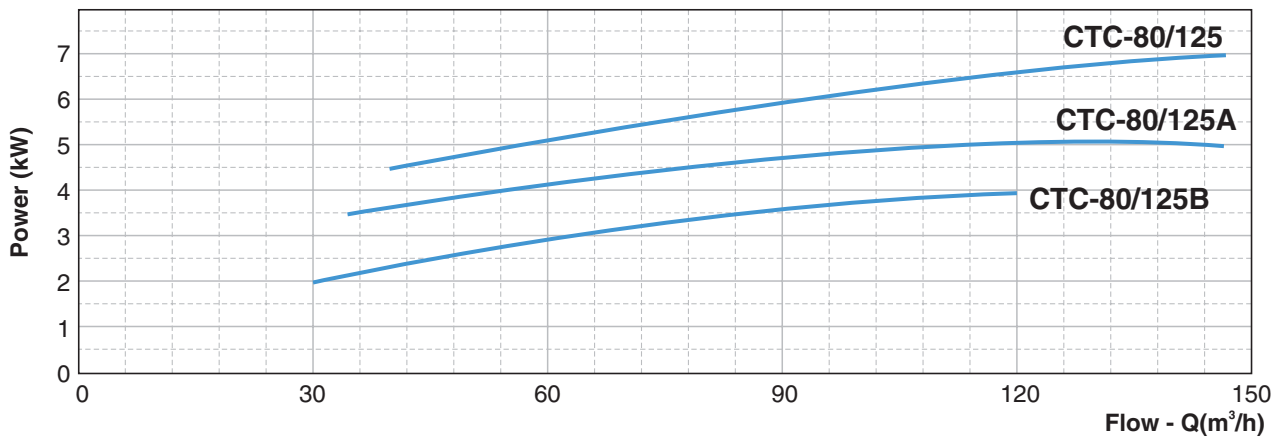
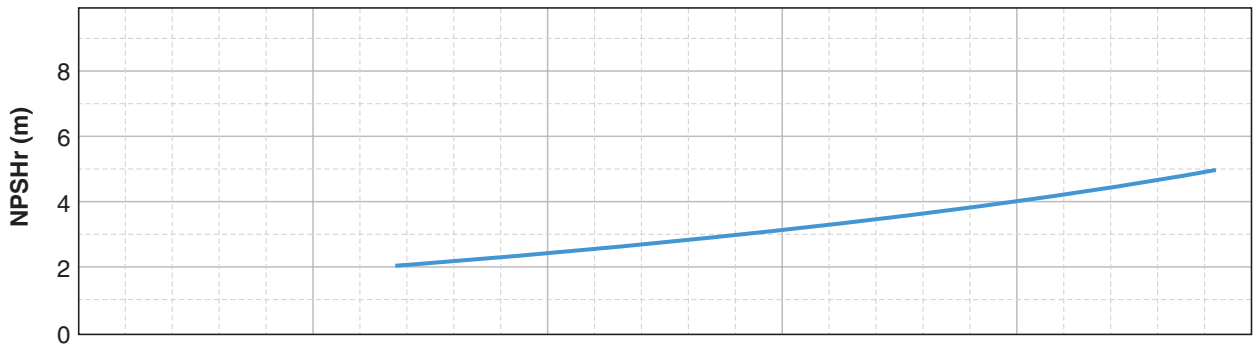
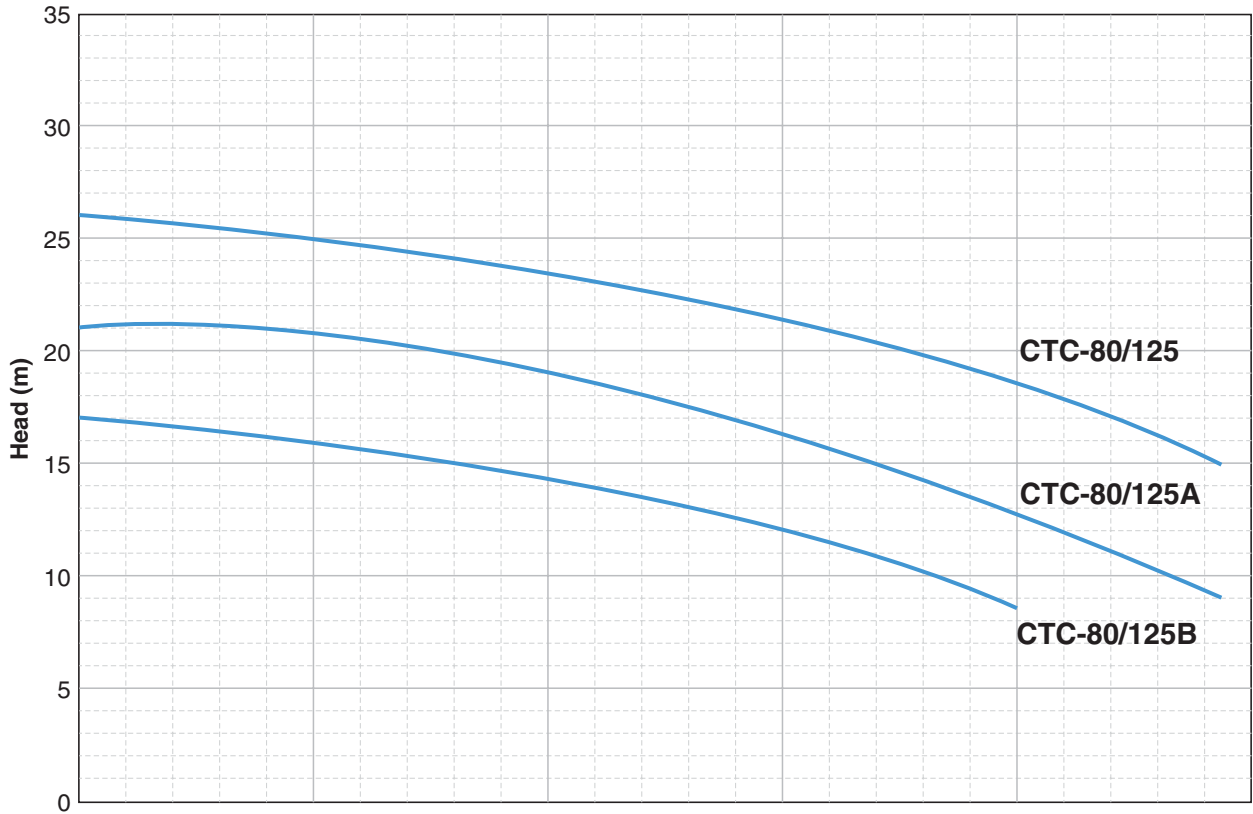


Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Performance Curves

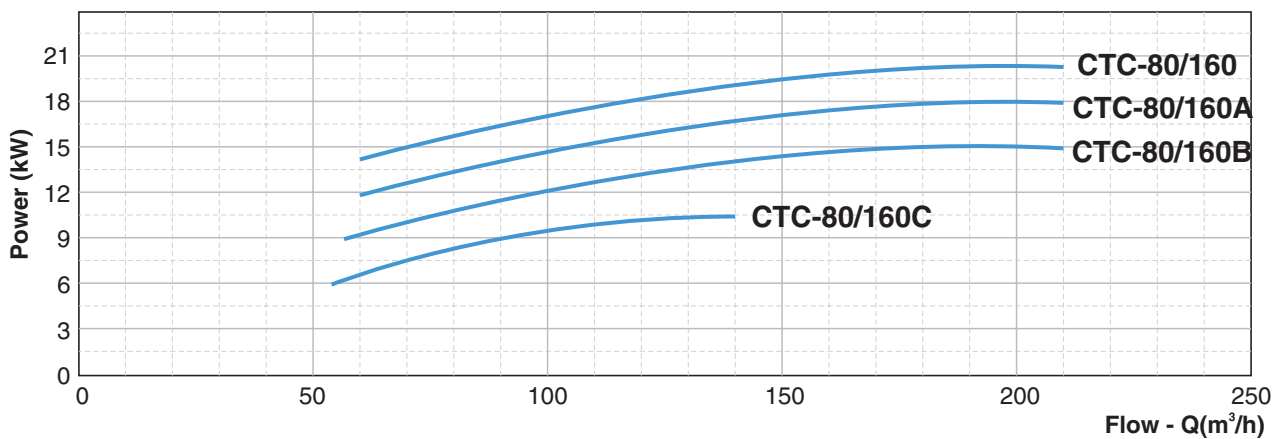
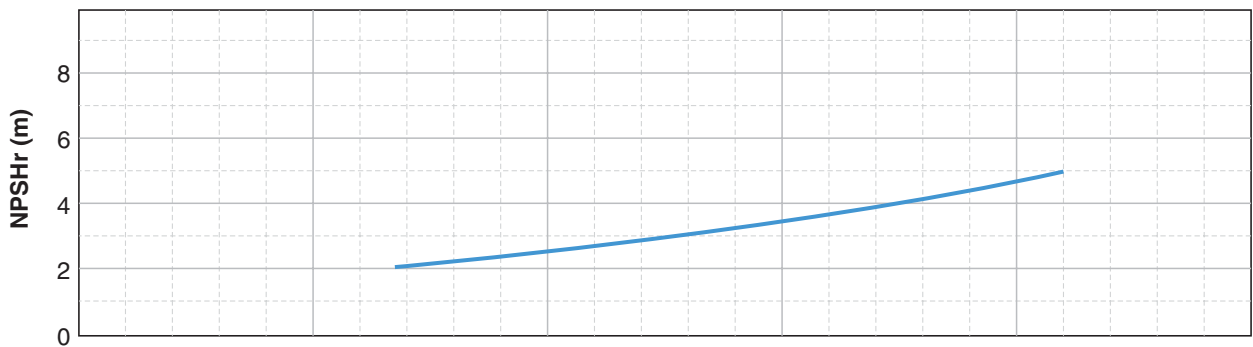
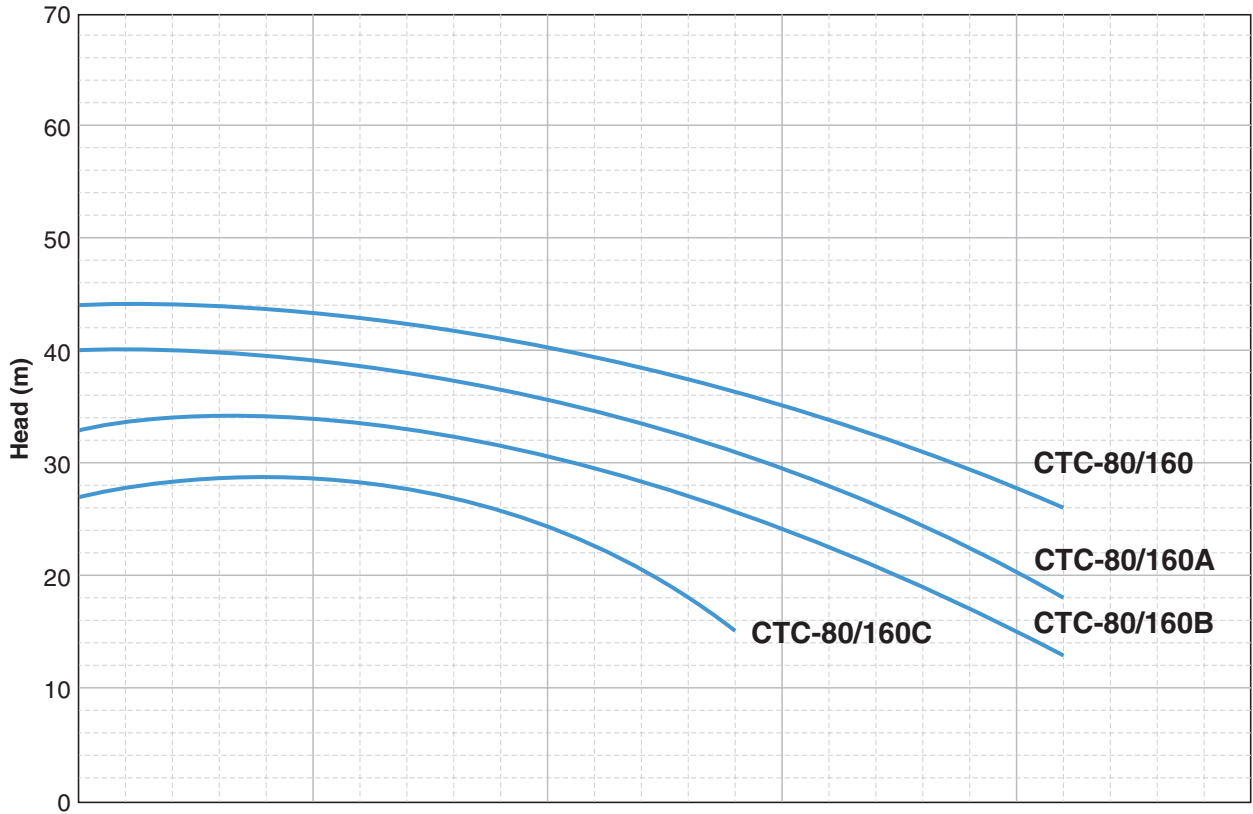


Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Performance Curves

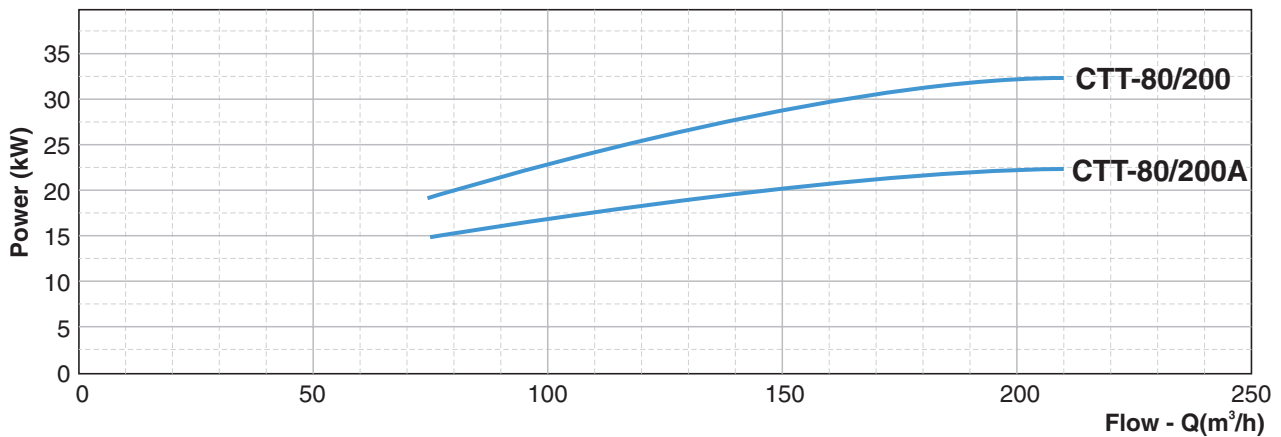
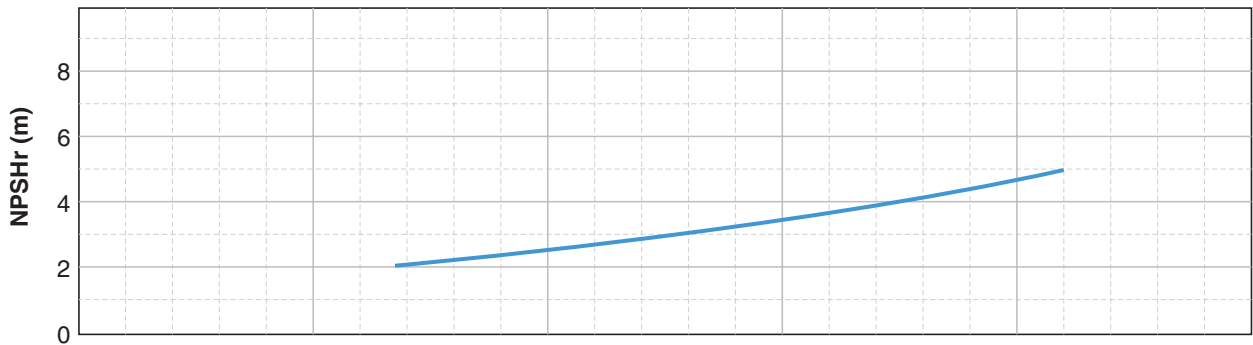
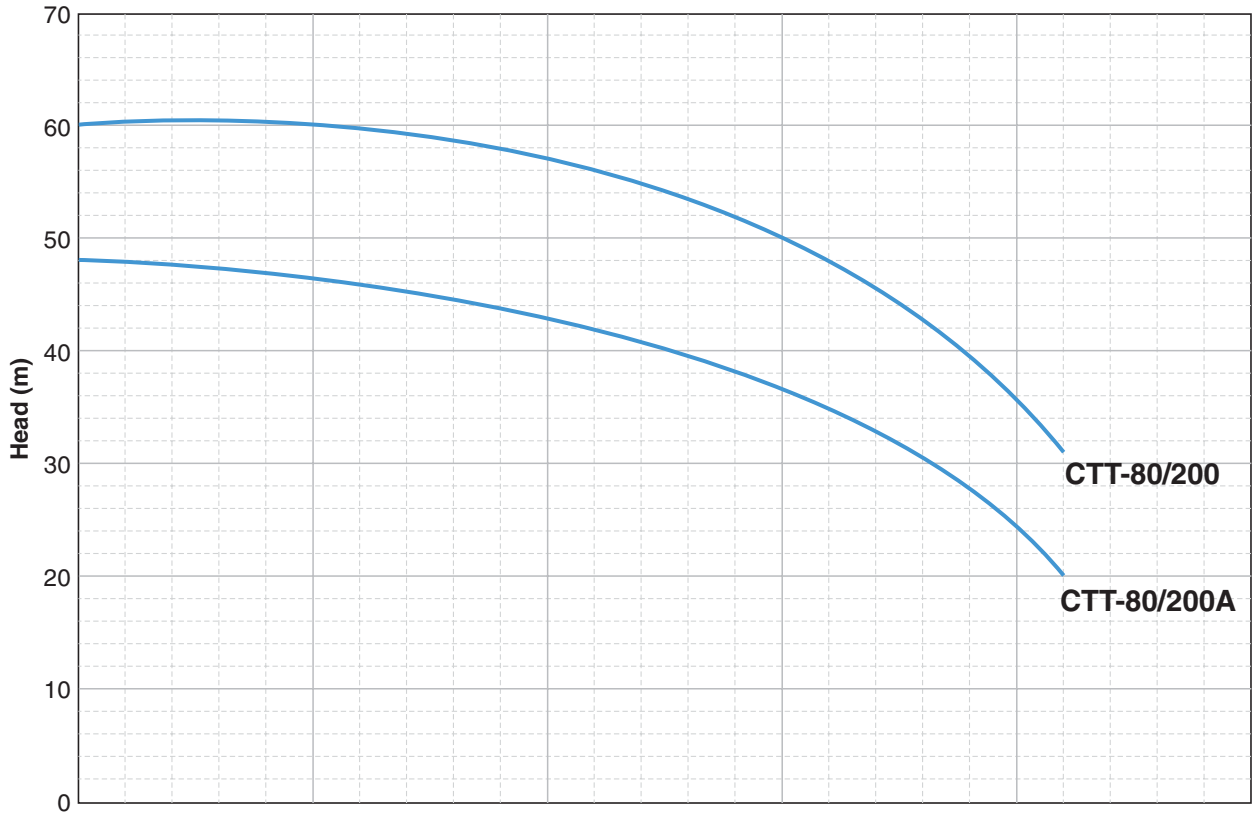


Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Performance Curves

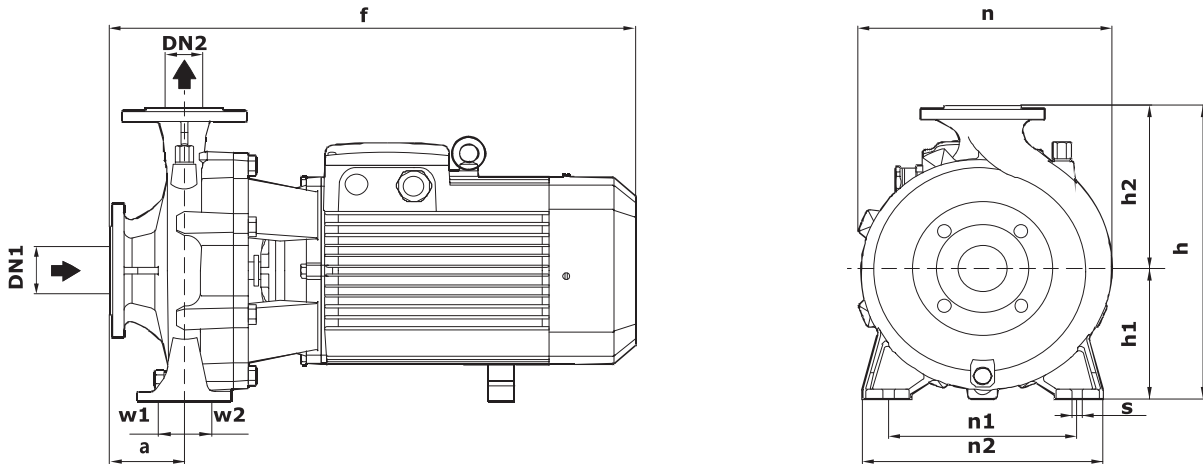


Centrifugal Pumps

DIN Standard - Single Shaft

CT SERIES - 3 Phase

Dimensions and Weight

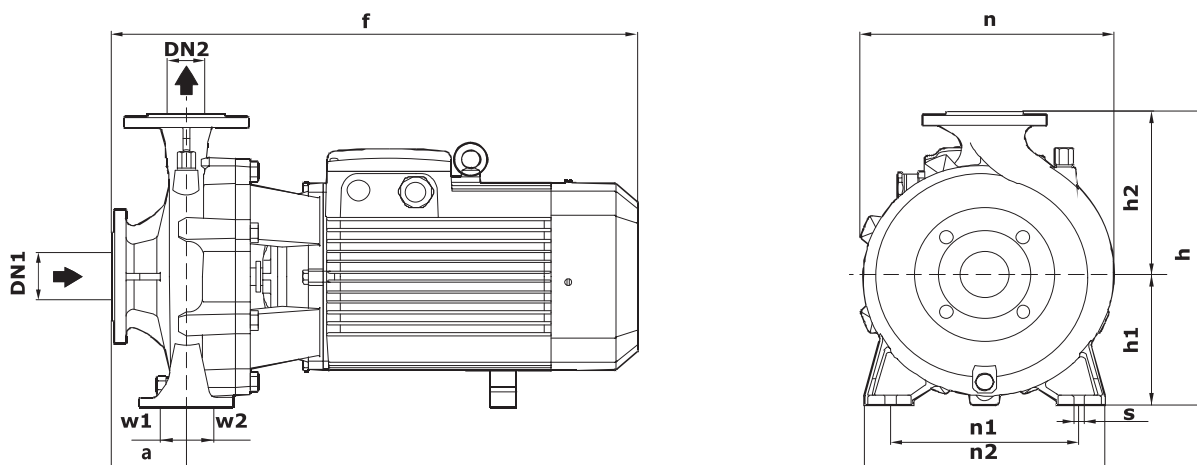


Pump Model		DIMENSIONS													kg														
Single Phase	Three Phase	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1~	3~													
CTC-32/125A	CTC-32/125A	50	32	80	435	255	114	141	202	140	190	35	35	15	27	24													
CTC-32/125	CTC-32/125														28	25													
CTC-32/160B	CTC-32/160B														38	34													
CTC-32/160A	CTC-32/160A			83	470	295	133	162	245	190	245	35	35	15	43	39													
CTC-32/160	CTC-32/160														54	50													
CTC-32/200A	CTC-32/200A			65	40	82	490	342	161	181	265	250	328	49	49	16	56	52											
-	CTC-32/200																-	53											
-	CTC-32/250A																-	66											
-	CTC-32/250B																-	73											
-	CTC-32/250																-	95											
-	CTC-32/250A-H	-	73																										
-	CTC-32/250B-H	-	80																										
-	CTC-32/250B-H	-	80																										
CTC-40/125B	CTC-40/125B	65	40	82	440	260	116	144	220	160	212	37	37	14	30	27													
CTC-40/125A	CTC-40/125A														33	29													
CTC-40/125	CTC-40/125														38	34													
CTC-40/160A	CTC-40/160A														80	490	305	135	170	250	190	241	190	241	37	37	15	52	48
-	CTC-40/160																											-	50
-	CTC-40/200A																											-	66
-	CTC-40/200														102	560	345	162	193	282	214	267	214	267	49	49	15	-	73
-	CTC-40/250B																											-	100
-	CTC-40/250A																											-	116
-	CTC-40/250																											-	146
CTC-50/150B	CTC-50/150B	65	50	102	525	305	135	170	263	190	245	37	37	15	45	41													
CTC-50/150A	CTC-50/150A														54	50													
-	CTC-50/150														-	52													
-	CTC-50/160A														-	64													
-	CTC-50/160														-	71													
-	CTC-50/200A														104	722	392	186	206	307	232	310	232	310	37	37	15	-	90
-	CTC-50/200																											-	106
-	CTC-50/250B														102	720	416	186	230	330	250	327	250	327	37	37	15	-	145
-	CTC-50/250A																											-	153
-	CTC-50/250																											-	183

Centrifugal Pumps

DIN Standard - Single Shaft

Dimensions and Weight



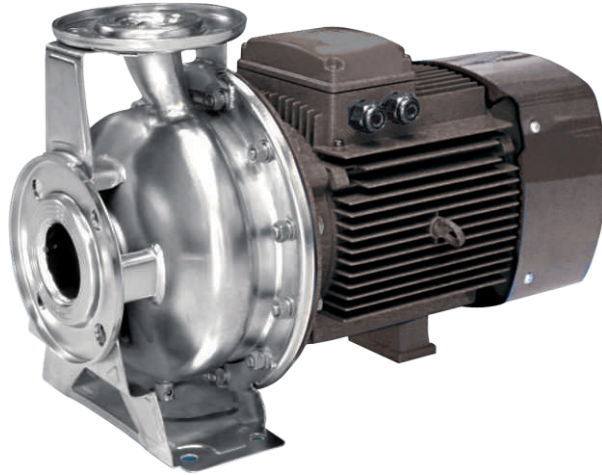
Pump Model		DIMENSIONS													kg					
Single Phase	Three Phase	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1~	3~				
-	CTC-50/250B	65	50	102	720	416	186	230	330	250	327			15	-	145				
-	CTC-50/250A														-	153				
-	CTC-50/250														-	183				
-	CTC-65/125B	80	65	104	580	345	162	193	330	212	280	49	49	15	-	56				
-	CTC-65/125A														-	68				
-	CTC-65/125														-	74				
-	CTC-65/160B			110	730	425	186	239		232	309				212	280	255	332	-	90
-	CTC-65/160A																		-	106
-	CTC-65/160																		-	134
-	CTC-65/200B	111	740	240	357	163	194	240	330	212	280	255	332	-	140					
-	CTC-65/200A													-	145					
-	CTC-65/200													-	185					
-	CTC-80/125B	100	80	117	750	435	186	250	330	212	280	255	332	-	56					
-	CTC-80/125A													-	68					
-	CTC-80/125													-	74					
-	CTC-80/160C			88	435	186	250	255		332	-			113						
-	CTC-80/160B										-			143						
-	CTC-80/160A										-			150						

Pump Model	DIMENSIONS															kg
Three Phase	DN1	DN2	a	f	h	h1	n	n1	n1'	n2	b	w	m	s1	s1'	3~
CTT-65/250B	80	65	116	870	420	180	369	260	279	320	70	246	241	18	15	210
CTT-65/250A				990	456	195		250	318	327		293	305		19	230
CTT-65/250																
CTT-80/200A	100	80	118	880	460	250	360	310	279	260	95	258	241	20	15	212
CTT-80/200				950					318						246	

Centrifugal Pumps - Stainless Steel

DIN Standard - Single Shaft

CTSS SERIES - 3 Phase



C.R.I. Centrifugal pump's volute chamber and impellers are carefully designed to give the best possible hydraulic and suction lift characteristics. All dimensions are according to DIN 24255 standards. Most modern and highly sophisticated machinery and technology are employed in the manufacture of these pumps using quality raw material, dynamically balanced impellers, seals and ball bearings to ensure long life. Dynamically balanced rotor ensures vibration and noise free operation. Shaft is made of quality steel, precision ground of ample size for transmitting the rated Horse Power. The pump portion is made of complete stainless steel construction which are more suitable for potable water.

Specifications

Power Range (kW)	1.1 kW to 18.5 kW
Speed	2900 rpm
Degree of Protection	IP 55
Class of insulation	"F"
Versions	1Ph, 230V & 3 Ph, 380-415V - 50Hz A.C Supply
Type of Duty	S1 (Continuous)
Direction of Rotation	Clock wise viewed from driving end
Nominal Suction & Delivery Size (mm)	50 x 32 65 x 40 65 x 50

Centrifugal Pumps - Stainless Steel

DIN Standard - Single Shaft

CTSS SERIES - 3 Phase

Materials of Construction

Pump Casing	S.S 304 / S.S 316
Motor Frame	Aluminum (Upto 15kW) Cast Iron (18.5kW)
Impeller	S.S 304 / S.S 316
Shaft	S.S. 304
Mechanical Seal	Carbon & Ceramic

Pump Operating Limits

Maximum Head	73 m / 239 ft
Maximum Suction lift	7 m
Operating Temperature	0°C to 70°C
Maximum Ambient Temperature	40°C
Maximum Working Pressure	10 Bar

Features

- All wetted components are made of corrosion resistance stainless steel.
- Designed to give best hydraulic efficiency and suction lift characteristics.
- Wear resistant bearing ensure noiseless operation.
- Back pull out design facilitates dismantling the pump without disconnecting the pipe lines.
- DIN Standard flange connections.

Applications

- Industrial water supply
- Food processing industries
- Pressure boosting units
- HVAC
- Washing systems
- Irrigation etc.,

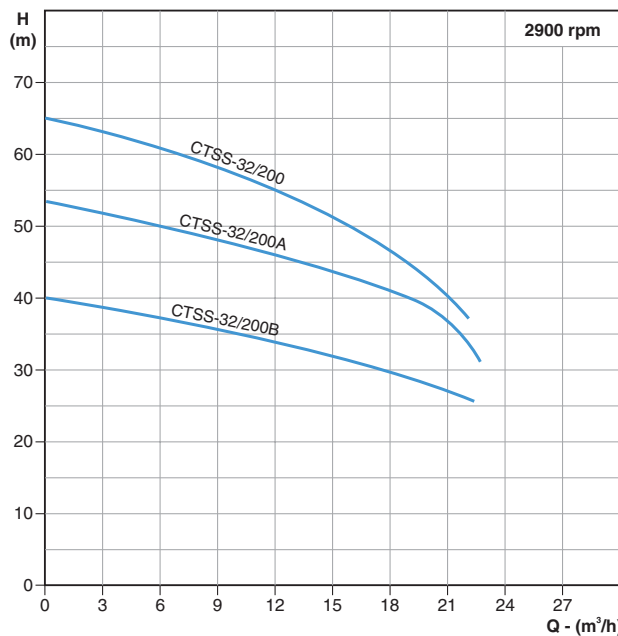
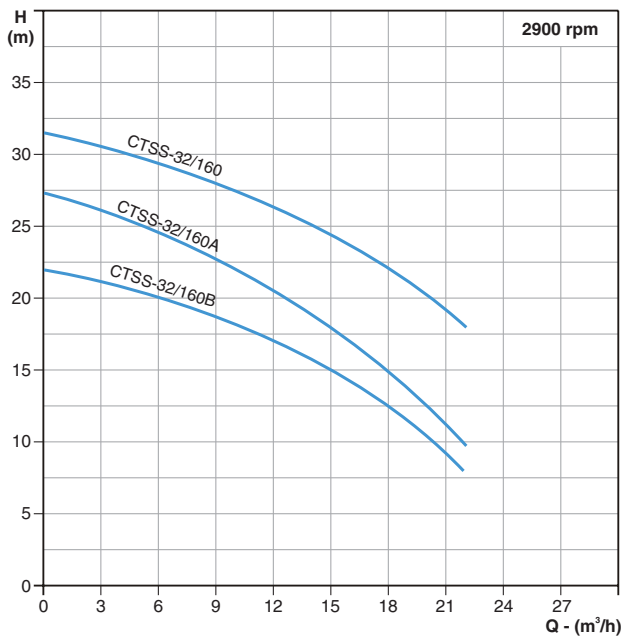
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Centrifugal Pumps - Stainless Steel

DIN Standard - Single Shaft

CTSS SERIES - 3 Phase

Performance Curves



Performance Table

Nominal Pump Size : **50 x 32**

Model	kW	HP	AMPS 3P-380V	lps	0.83	1.67	2.5	3.47	4.17	5	5.56	6.11
				m³/h	3	6	9	12.5	15	18	20	22
CTSS-32/160B	1.1	1.5	2.6	Head in metres	21	20	18.5	16.5	15	12.5	10	8
CTSS-32/160A	1.5	2.0	3.01		26	24.5	22.5	20	18.5	15	12.5	9.5
CTSS-32/160	2.2	3.0	4.6		30.5	29.5	27.5	26	24	22.5	20.5	18
CTSS-32/200B	3.0	4.0	6		38	37	35	34	32	30	28	26
CTSS-32/200A	4.0	5.5	8.6		51.5	50	48	45	43	41	39	30
CTSS-32/200	5.5	7.5	11.5		62	60	58	54	52	47	42	37

Curve tolerance according to ISO 9906, Annex A.

The performance data are at rated voltage and only indicative. Actual discharge on availability of water / tank, height of water column from the suction pipe end.

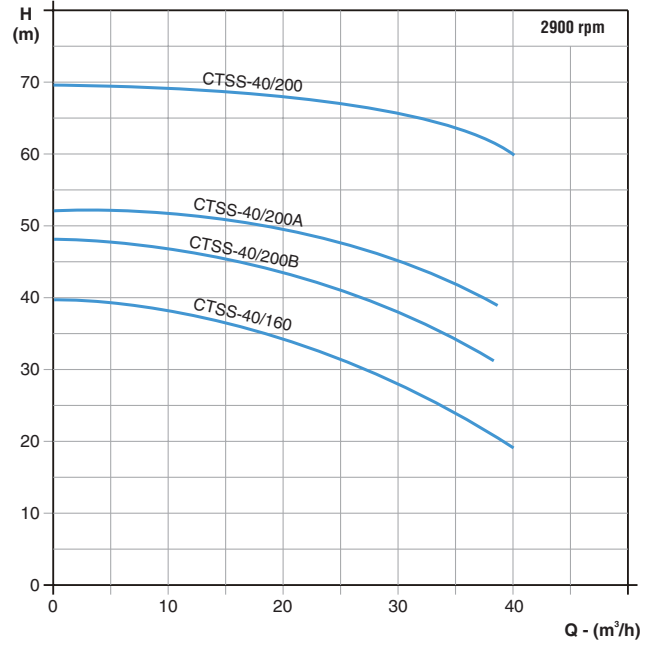
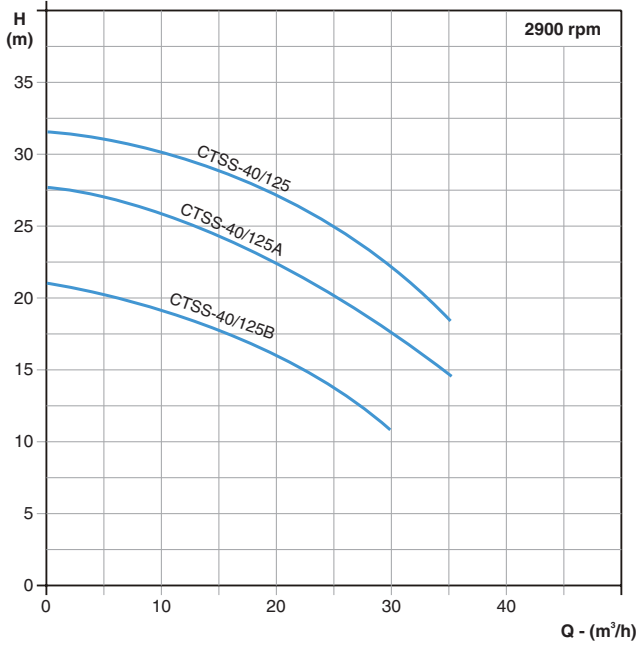
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Centrifugal Pumps - Stainless Steel

DIN Standard - Single Shaft

CTSS SERIES - 3 Phase

Performance Curves



Performance Table

Nominal Pump Size : **65 x 40**

Model	kW	HP	AMPS 3P-380V	lps	1.39	2.78	4.17	5.56	6.94	8.33	9.72	11.11
				m³/h	5	10	15	20	25	30	35	40
CTSS-40/125B	1.5	2.0	3.9	Head in metres	20	19	17.5	16	13	10.5	-	-
CTSS-40/125A	2.2	3.0	4.23		27	26	24	22	20	17	14	-
CTSS-40/125	3.0	4.0	6.2		31	30	29	27	25	22	18	-
CTSS-40/160	4.0	5.5	8.2		39	38	36.5	34	31	28	24	19
CTSS-40/200B	5.5	7.5	10.5		47	46	45.5	44	41	38	34	30
CTSS-40/200A	7.5	10	12.26		52	51.5	51	50	48	45	42	38
CTSS-40/200	11	15	18.5		69	69	68.5	68	68	66	64	60

Curve tolerance according to ISO 9906, Annex A.

The performance data are at rated voltage and only indicative. Actual discharge on availability of water / tank, height of water column from the suction pipe end.

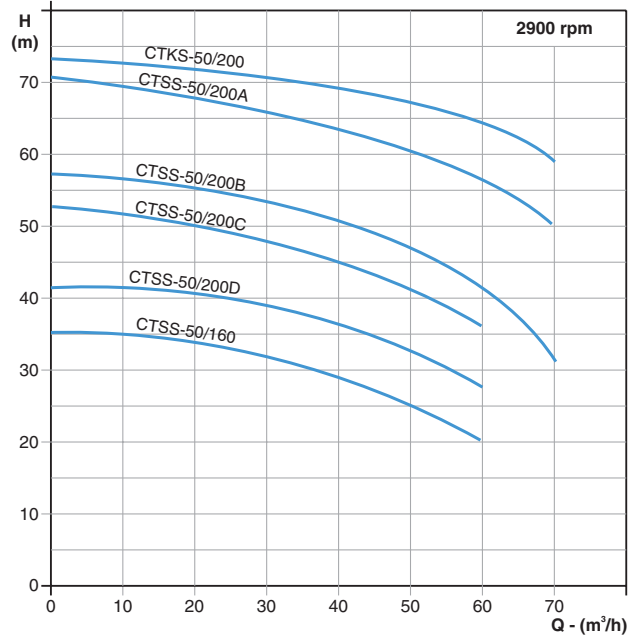
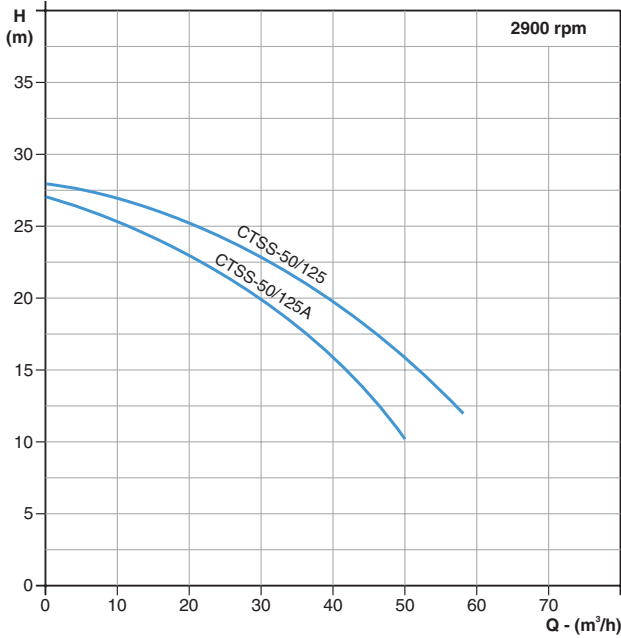
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Centrifugal Pumps - Stainless Steel

DIN Standard - Single Shaft

CTSS SERIES - 3 Phase

Performance Curves



Performance Table

Nominal Pump Size : **65 x 50**

Model	kW	HP	AMPS 3P-380V	lps	1.39	2.78	5.56	18.33	11.11	13.89	16.67	19.44
				m³/h	5	10	20	30	40	50	60	70
CTSS-50/125A	3.0	4.0	5.5	Head in metres	27	26	23	20	16	10	-	-
CTSS-50/125	4.0	5.5	6.87		28	27	26	24	21	16	-	-
CTSS-50/160	5.5	7.5	9.5		34.5	34.5	34	31.5	28.5	24	20	-
CTSS-50/200D	7.5	10	11.75		41	41	40.5	39	36	32	27.5	-
CTSS-50/200C	9.2	12.5	17.03		52	52	51	49	45	41	37	-
CTSS-50/200B	11	15	19.9		57	56	55	53	51	48	42	30
CTSS-50/200A	15	20	27		69	68	67	65	64	62	57	50
CTKS-50/200	18.5	25	29		73	72	71	70	69	68	65	59

Curve tolerance according to ISO 9906, Annex A.

The performance data are at rated voltage and only indicative. Actual discharge on availability of water / tank, height of water column from the suction pipe end.

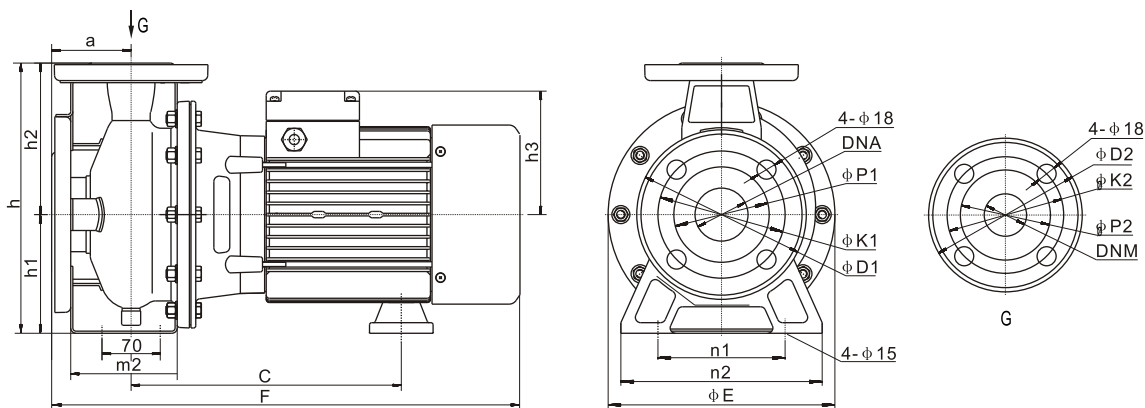
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Centrifugal Pumps - Stainless Steel

DIN Standard - Single Shaft

CTSS SERIES - 3 Phase

Dimensional Drawing



Dimensional Data

MODEL	MOTOR POWER (kW)	ØE	F	h	h1	h2	h3	a	m2	n1	n2	C	ØD1	ØK1	ØP1	ØD2	ØK2	ØP2	DNs	DNd	WEIGHT IN kg
CTSS-32/160B	1.1	210	395	255	112	143	134	80	115	160	190	215	165	125	96	140	100	76	50	32	19.7
CTSS-32/160A	1.5	210	395	255	112	143	134	80	115	160	190	215	165	125	96	140	100	76	50	32	23
CTSS-32/160	2.2	210	438	255	112	143	119	80	118	160	190	245	165	125	96	140	100	76	50	32	27.7
CTSS-32/200B	3.0	300	450	340	160	180	119	80	118	190	240	245	165	125	96	140	100	76	50	32	35.5
CTSS-32/200A	4.0	300	498	340	160	180	142	80	118	190	240	257	165	125	96	140	100	76	50	32	56.3
CTSS-32/200	5.5	300	532	340	160	180	162	80	115	190	240	272	165	125	96	140	100	76	50	32	67.4
CTSS-40/125B	1.5	210	395	255	112	143	134	80	115	160	190	215	185	145	115	150	110	80	65	40	23
CTSS-40/125A	2.2	210	438	255	112	143	119	80	118	160	190	245	185	145	115	150	110	80	65	40	26.5
CTSS-40/125	3.0	260	450	295	132	160	119	80	118	190	240	245	185	145	115	150	110	80	65	40	32
CTSS-40/160	4.0	260	498	295	132	160	142	80	118	190	240	258	185	145	115	150	110	80	65	40	53.8
CTSS-40/200B	5.5	300	554	360	160	200	162	100	118	212	264	274	185	145	115	150	110	80	65	40	67.5
CTSS-40/200A	7.5	300	595	360	160	200	162	100	118	212	264	274	185	145	115	150	110	80	65	40	78.6
CTSS-40/200	11	300	623	360	160	200	179	100	118	212	264	335	185	145	115	150	110	80	65	40	96
CTSS-50/125A	3.0	260	455	295	132	160	119	80	115	190	240	245	185	145	115	165	125	96	65	50	32.2
CTSS-50/125	4.0	260	498	295	132	160	142	80	115	190	240	258	185	145	115	165	125	96	65	50	54
CTSS-50/160	5.5	300	554	360	160	200	162	100	118	212	264	274	185	145	115	165	125	96	65	50	68
CTSS-50/200D	7.5	300	595	360	160	200	162	100	118	212	264	274	185	145	115	165	125	96	65	50	78.6
CTSS-50/200C	9.2	300	623	360	160	200	179	100	118	212	264	335	185	145	115	165	125	96	65	50	86.5
CTSS-50/200B	11	300	623	360	160	200	179	100	118	212	264	335	185	145	115	165	125	96	65	50	96
CTSS-50/200A	15	300	665	360	160	200	179	100	118	212	264	335	185	145	115	165	125	96	65	50	115
CTKS-50/200	18.5	350	725	360	160	20	255	100	118	212	264	429	185	145	115	165	125	96	65	50	152

* All Dimensions are in mm.

In view of continuous developments the information / performance / descriptions / specifications / illustrations are subject to change without notice

NOTES

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NOTES

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W I N N I N G W A Y S

When you have a good thing going it is quite in the fitting of things that recognitions come our way. Several prestigious awards, which decorate our shelf, say it all. These rewards not only acknowledge our position as a leader in the water pump industry but also serve as reminders about what the customer expects from a winner. And we, as ever, have our ears perfectly tuned to customer expectations.



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