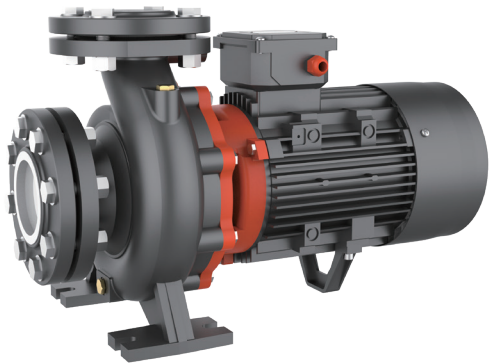
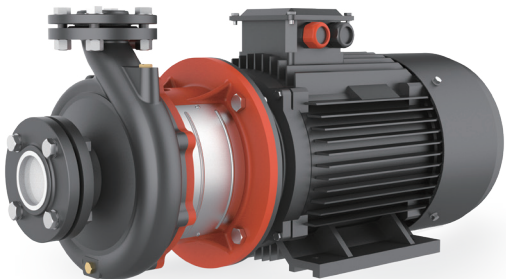




0.75kW-7.5kW



9.2kW-55kW

Application

- Circulation and transfer of clean, chemically non-aggressive water and other liquids
- Water supply & irrigation
- Water circulation in air conditioning systems
- Fire fighting system

Operating Conditions

- Delivery: up to 210 m³/h
- Head: up to 95 m
- Liquid temperature: Standard -10°C to 85°C
- Maximum operating pressure: 12 bar (PN12)
- Anti-clockwise rotation when facing pump's suction port
- Impeller: AISI304 , HT200
- Mechanical seal in compliance with DIN 24960
- Lubricated by internal recirculating pumped liquid
- Counter flange available on request

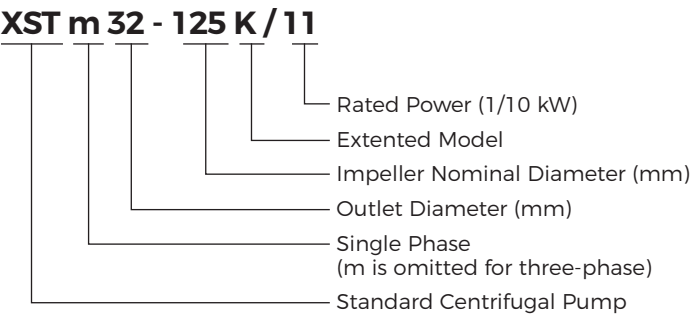
Motor

- Closed construction, external ventilation
- Insulation class: F
- Enclosures class: IP54
- Performance in compliance with CEI 2-3 (IEC 34.1)
- Max.ambient temperature: +40°C
- Overload protection
- For model that ≥9.2kw: Equipped with IE2 motor, IE3 motor available on request.
- For model that ≤7.5kw, the following 4 models can equipped with IE3 motor. (XST40-160/30、XST40-160/40、XST50-160/55、XST50-160/75)

Construction Features

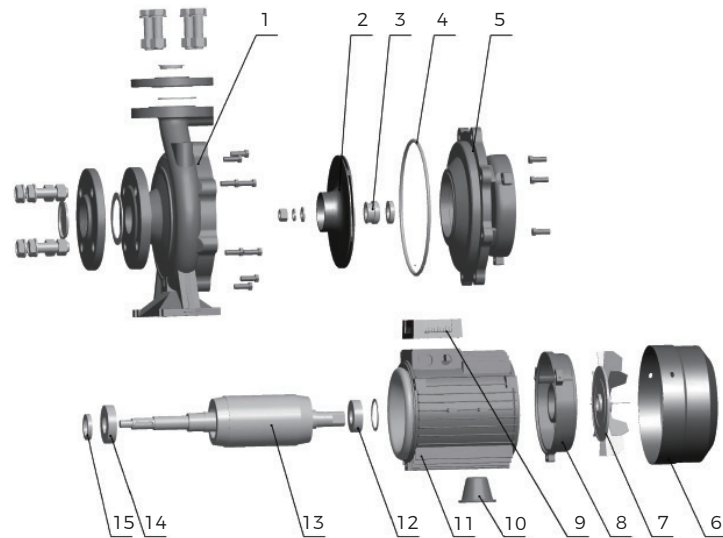
- Single- impeller centrifugal pump featuring axial intake and radial discharge
- Inlet and outlet DN in compliance with EN 733 (ex DIN 24255) and UNI 7467
- Flanges in compliance with UNI 2236 and DIN 2532
- Rear entry (impeller, motor can be extracted without disconnecting the pump body from the pipes)

Identification Codes



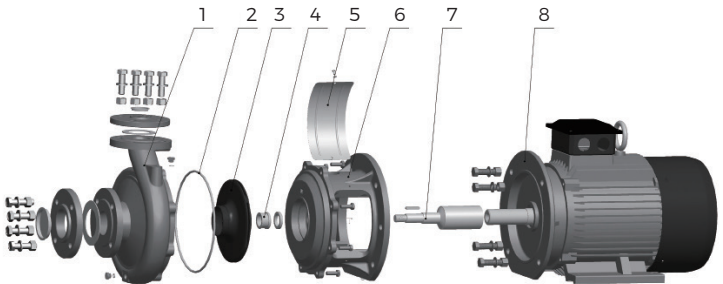
Material Table

Exploded diagram of 7.5 kW and below



No.	Part	Material
1	Pump body	HT200
2	Impeller	HT200 / 06Cr19Ni10
3	Mechanical seal	
4	O-ring	NBR
5	Connection body	HT200
6	Wind cover	08F
7	Fan	PP
8	Back cover	ZL102
9	Cover box	ABS
10	Brace	HT200
11	Stator	
12	Bearing	
13	Rotor	
14	Bearing	
15	Skeleton seal	

Exploded diagram above 7.5 kW



No.	Part	Material
1	Pump body	HT200
2	O-ring	NBR
3	Impeller	HT200 / 06Cr19Ni10
4	Machinery Seal	
5	Guard plate	06Cr19Ni10
6	Connection body	HT200
7	Pump shaft	45/06Cr19Ni10
8	Motor	

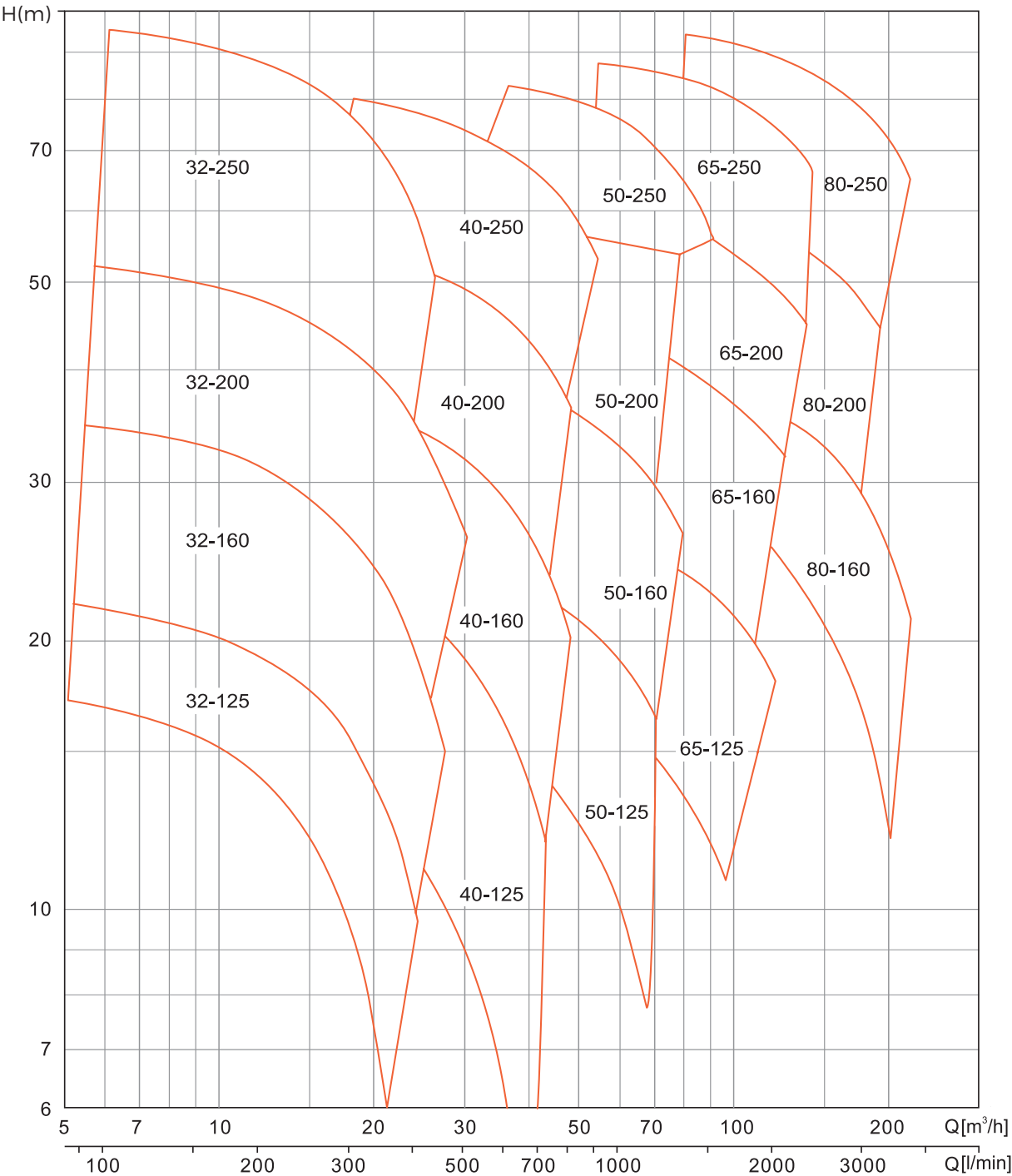
Performance Parameter

Model	Power		Q(m³/h)	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210
	kW	HP	Q(l/min)	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500
32-125/7*	0.75	1	H (m)	17.5	16.7	15	12	9														
32-125/11*	1.1	1.5		22	21	20.2	17	15	9													
32-160/15*	1.5	2		24	23.7	22.5	19.5	16.2														
32-160/22*	2.2	3		31	29.6	29	25.5	22.5	15													
32-160/30*	3	4		34.5	33.5	33	29	26.5	20	16.5												
32-200/30*	3	4		43.2	42	40.5	35.2	32.2	24.6	19.8												
32-200/40*	4	5.5		52	50.5	50	45	41.9	35	30.3												
32-250/55**	5.5	7.5		79	74.7	71.8	63	56	37.5													
32-250/75**	7.5	10		95	92	89	82	75	57.8	48												
40-125/11	1.1	1.5		14.7				13	11.5	10.1												
40-125/15	1.5	2		18.1				17	15	13.9												
40-125/22	2.2	3		24.5				23.2	21.5	20.2	16	12										
40-160/30	3	4		31.8				29	27.5	26.3	21.5	17.5										
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1									
40-200/55*	5.5	7.5		44				42	40	38	32	27										
40-200/75*	7.5	10		55				52	49	48	42	37	32									
40-250/92*	9.2	12.5		64				59	56.5	55	49.5	45	39.8									
40-250/110*	11	15		72				67.5	65	63.5	57.5	52.2	47									
40-250/150*	15	20		82				79	77.3	76.5	71	66	60.5	54.8								
50-125/22	2.2	3		17							15.4	14	12.8	11.5								
50-125/30	3	4		20							18.8	18	17	15.6								
50-125/40	4	5.5		24							23.1	22.6	21.5	20.3	15.8							
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5							
50-160/75	7.5	10		40							38	37	36	34.4	29							
50-200/92*	9.2	12.5		50.5							46.8	45	43	40.9	32.5							
50-200/110*	11	15		57.5							53.5	52	50	47.5	40							
50-250/150*	15	20		68.5							64	63	61.5	59	50	41						
50-250/185*	18.5	25		77							73.2	72	70	68	60.5	51.5						
50-250/220*	22	30		86.3							83	81.5	80	78	70	61						
65-125/40	4	5.5		19									17.3	16.8	14.5	13	11.8					
65-125/55	5.5	7.5		23									21.3	20.9	19	17.5	16.7	13.7				
65-125/75	7.5	10		27									26	25.6	24.5	23	22.5	20	18			
65-160/92	9.2	12.5		33										31.5	30	28	27.1	24	21.5			
65-160/110	11	15		36										34.5	33	31.5	30.8	28	25.5			
65-160/150	15	20		42										41	40	38.5	37.8	35	33			
65-200/150	15	20		45.5										46	43.5	41	39.2	33				
65-200/185	18.5	25		53										53.5	51.2	48.3	47	41.5				
65-200/220	22	30		59										59.5	57.2	54	53	47	43.5			
65-200K/185	18.5	25		41.2											42	41.2	40.6	38.2	36.5	34		
65-200K/220	22	30		48												48	47.5	46	44	41		
65-200K/300	30	40		59.5												59	58.5	58	56.2	54		
65-250/220	22	30		62										61.5	58.2	56.5	54	49	45	36		
65-250/300	30	40		76										75	73	70	69	64	61	54		
65-250/370	37	50		90										88	86	84	82	78	74	68		
80-160/110	11	15		27													27.3	26	24.5	22.5	16	
80-160/150	15	20		32.8													32.5	31.3	30.2	28	22.1	16.7
80-160/185	18.5	25		39													38	36.8	35.7	33.8	28.8	23.5
80-200/220	22	30		48													47.5	46	43.5	41	32.5	
80-200/300	30	40		60													59.5	58	57	54.5	47	
80-250/370	37	50		71.5													70.5	67.5	65.5	61.5	49.5	38
80-250/450	45	61		82													80.5	78.5	76.5	72	62	51
80-250/550	55	75		95													93.5	91.2	89.8	86.8	77.6	68.3

*=Stainless steel impeller **=Two-stage stainless steel impeller

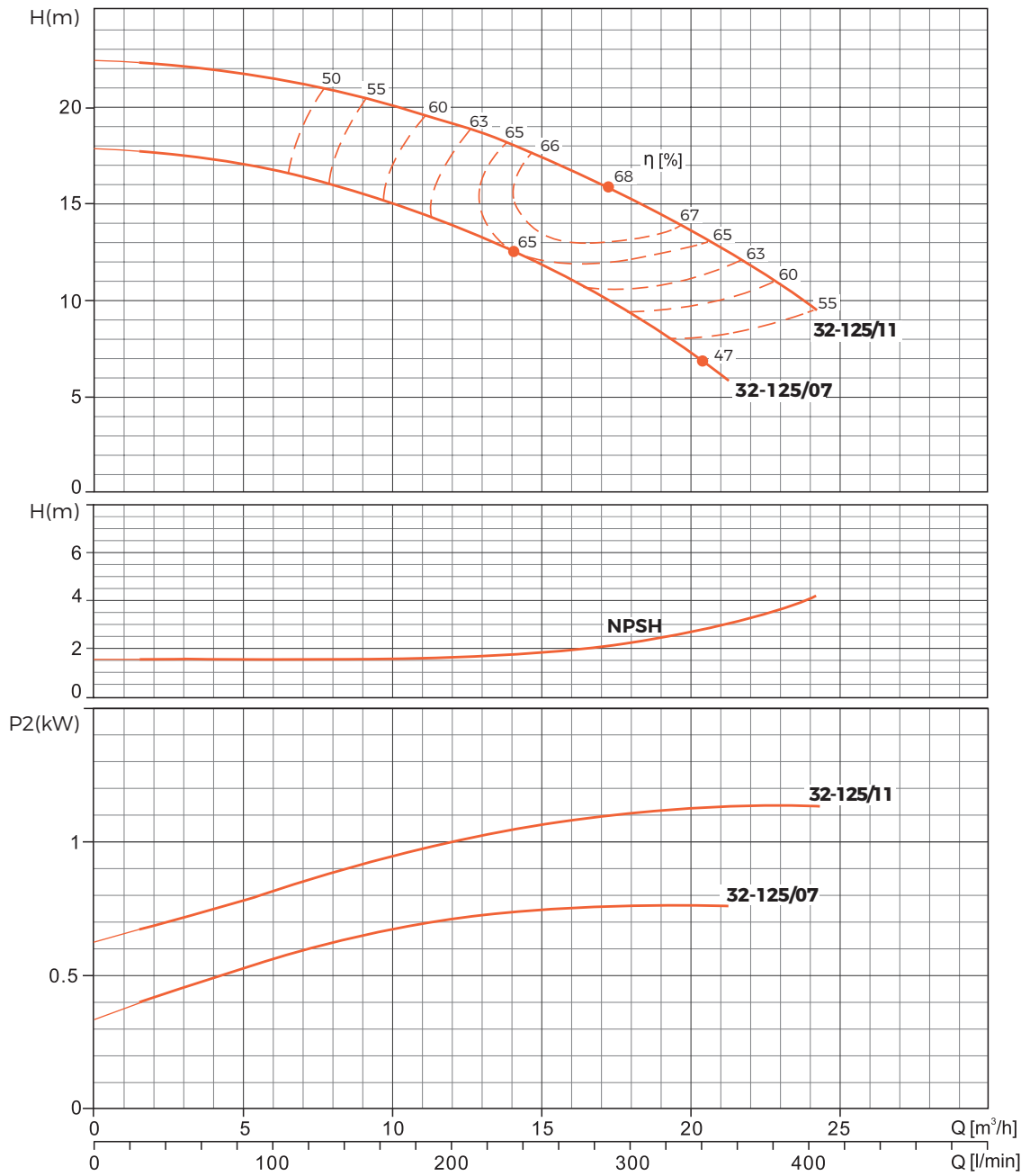
Characteristic Curves

XST	Rated speed: 2900r/min	ISO 9906	Annex A
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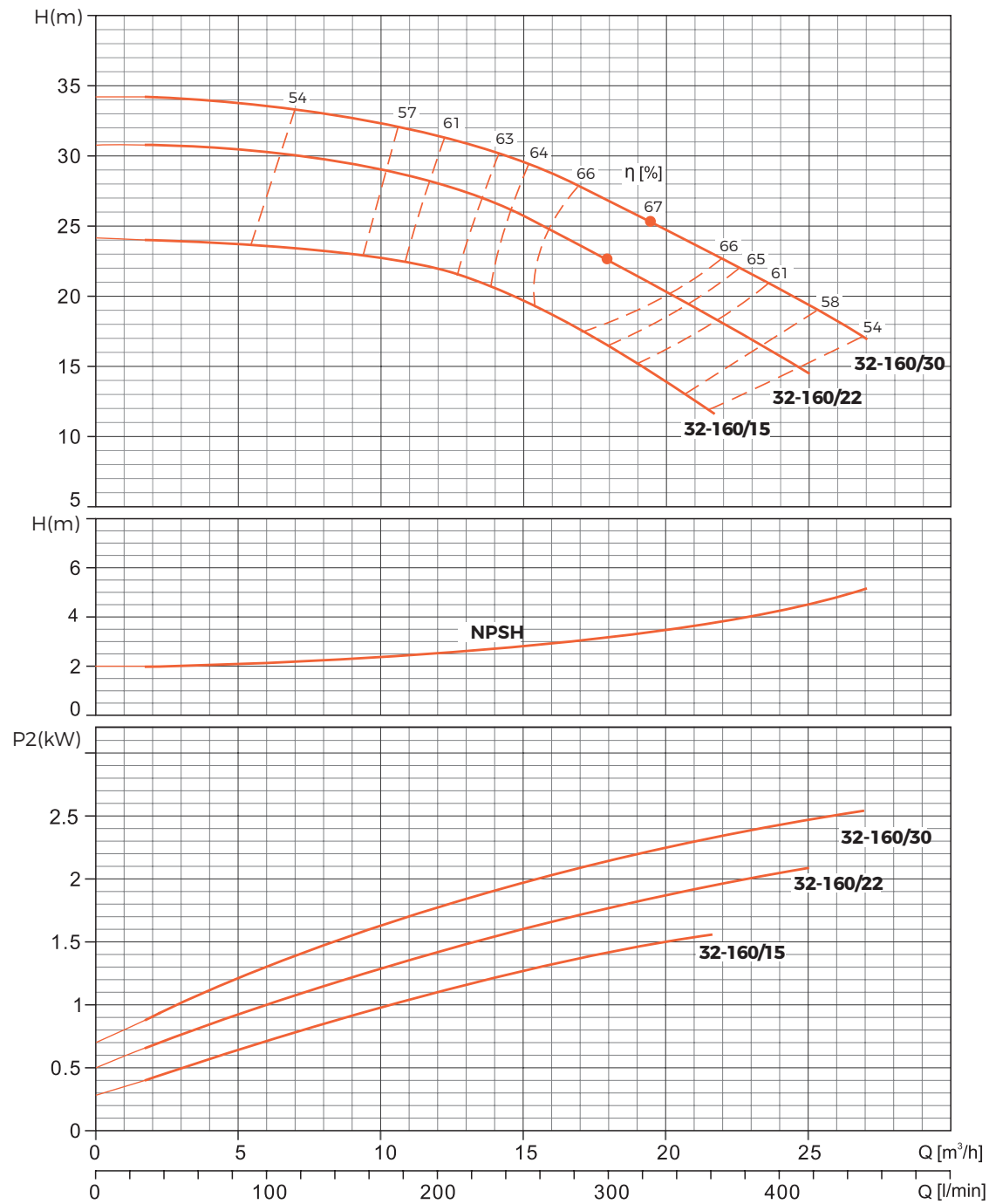
Hydraulic Performance Curves

XST32-125	Rated speed: 2900r/min	ISO 9906	Annex A
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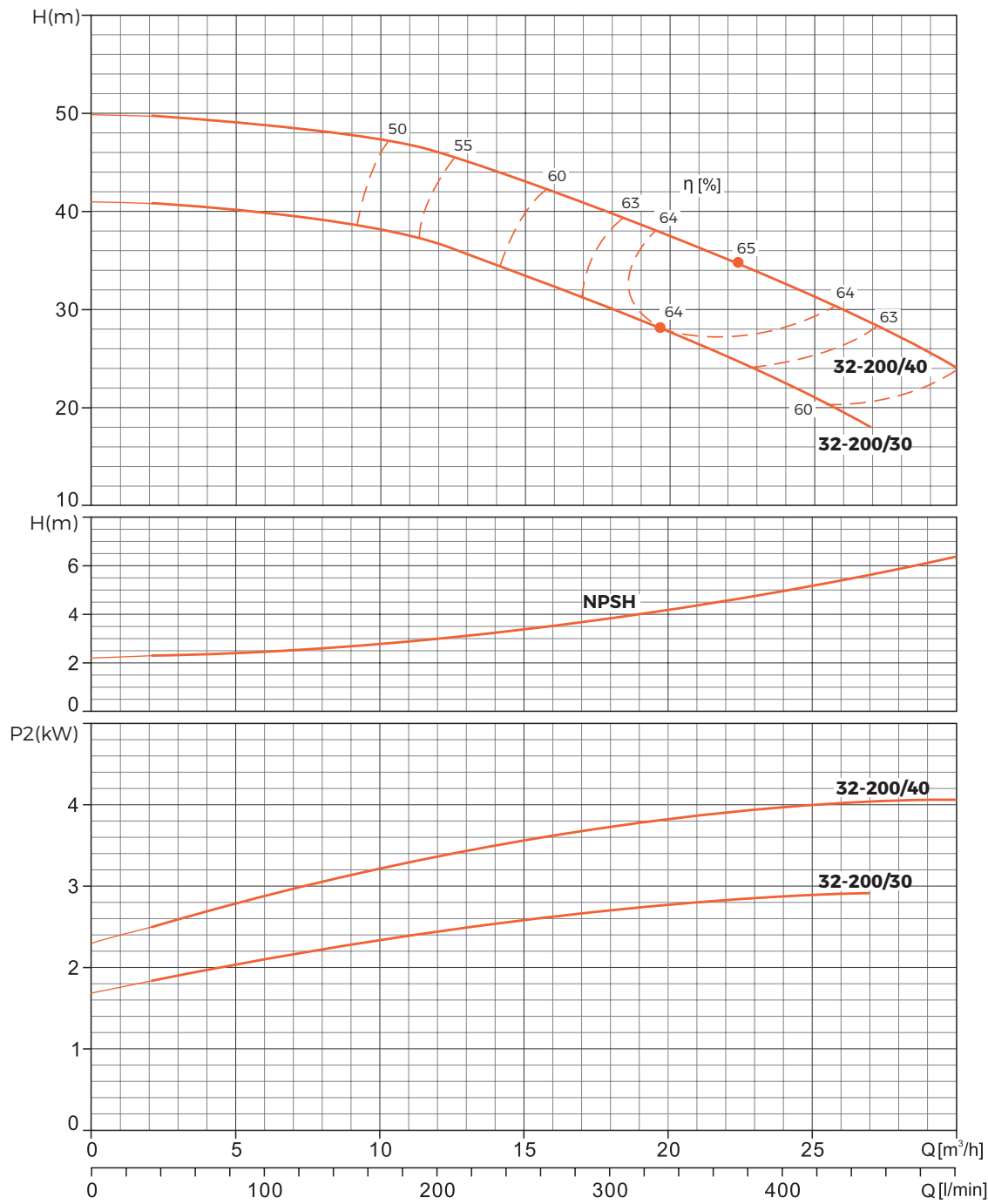
Hydraulic Performance Curves

XST32-160	Rated speed: 2900r/min	ISO 9906	Annex A
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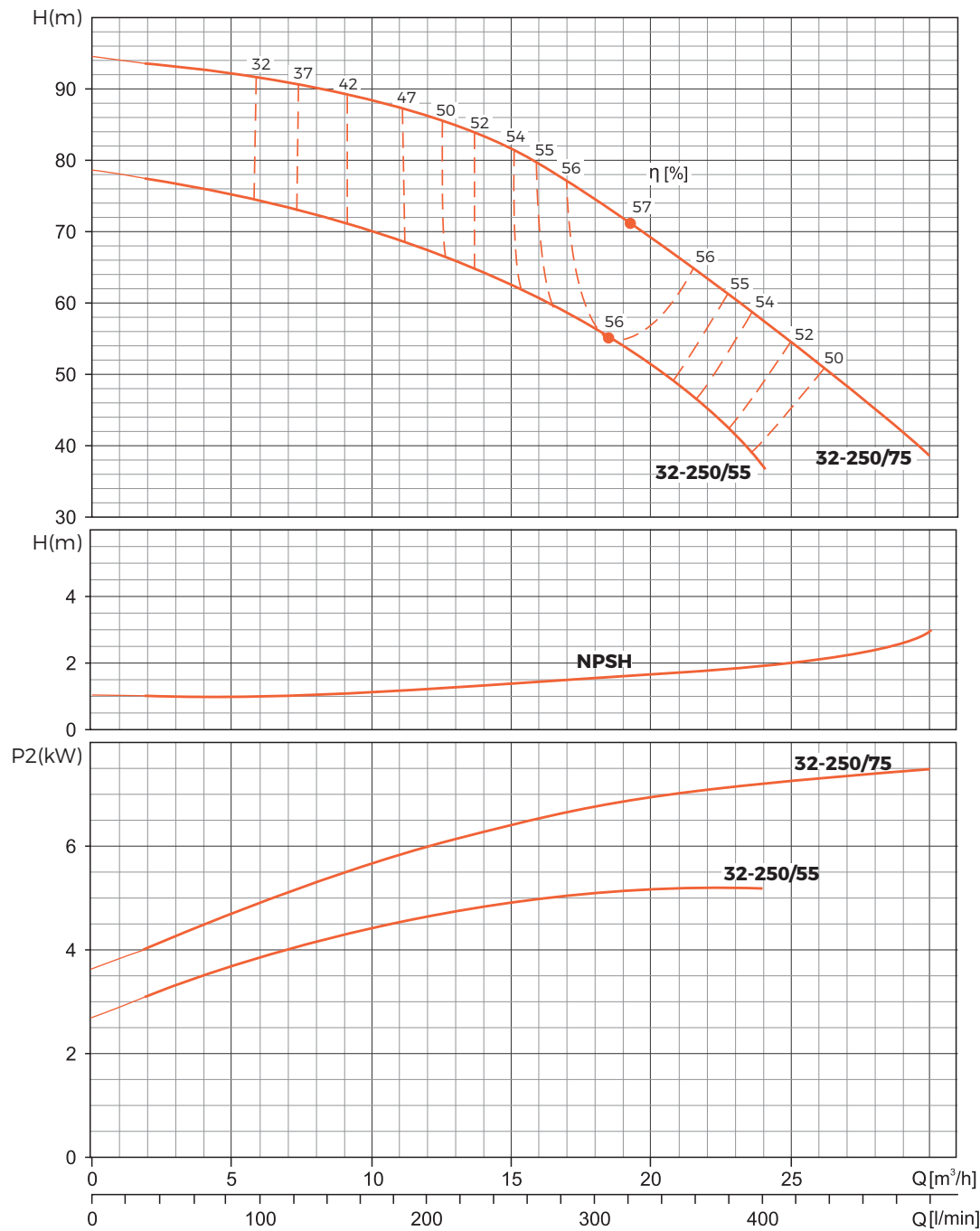
Hydraulic Performance Curves

XST32-200	Rated speed: 2900r/min	ISO 9906	Annex A
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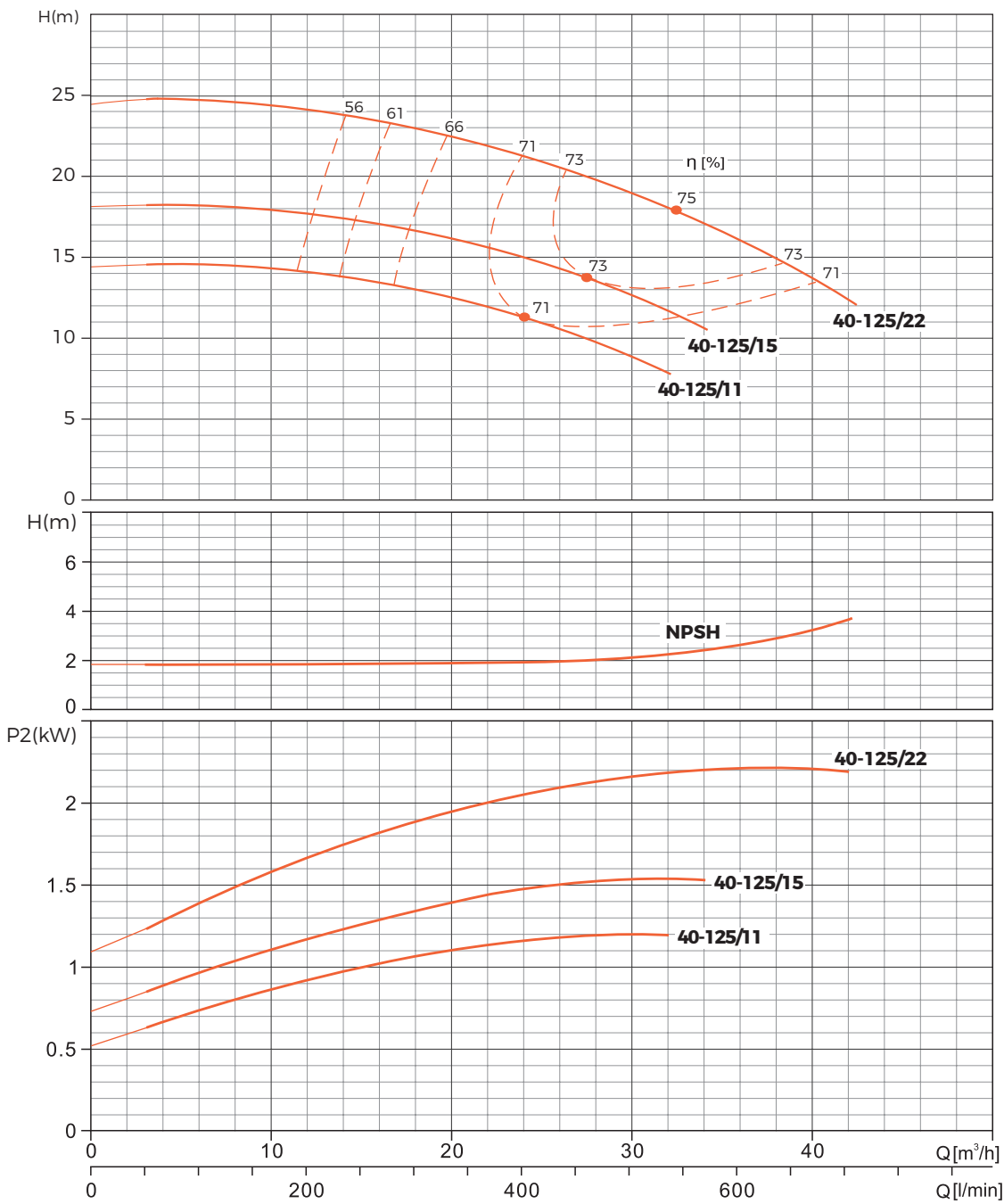
Hydraulic Performance Curves

XST32-250	Rated speed: 2900r/min	ISO 9906	Annex A
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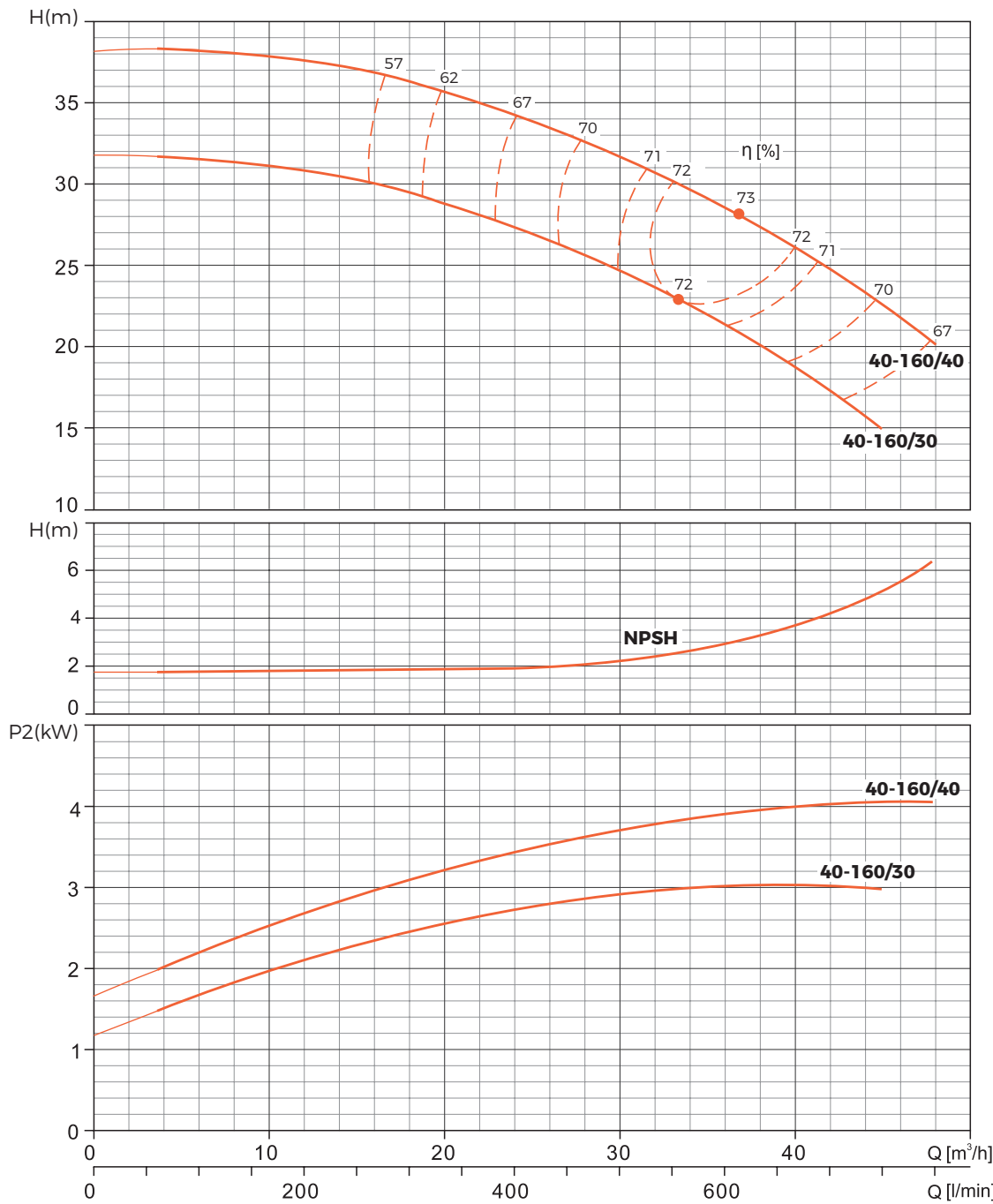
Hydraulic Performance Curves

XST40-125	Rated speed: 2900r/min	ISO 9906	Annex A
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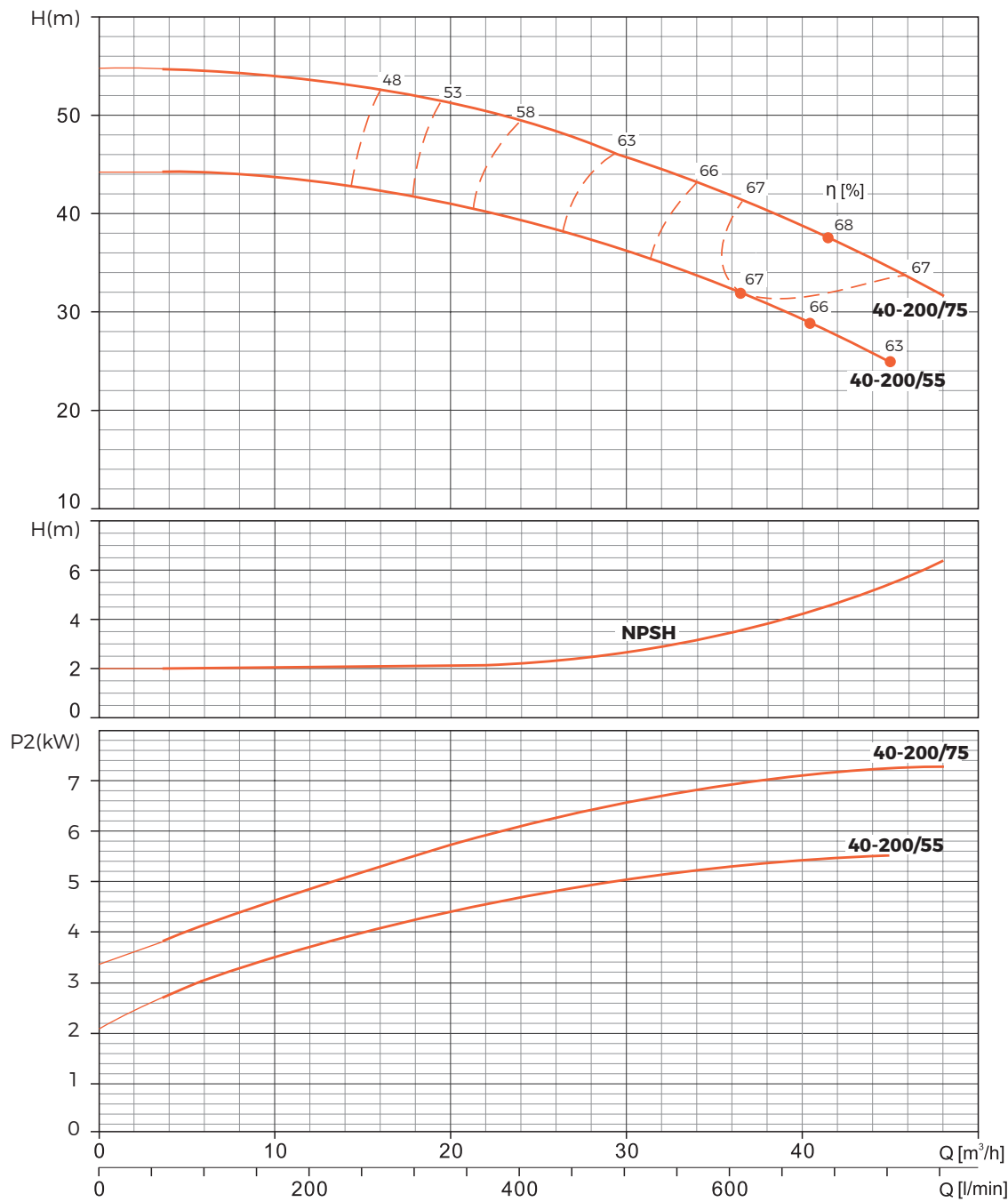
Hydraulic Performance Curves

XST40-160	Rated speed: 2900r/min	ISO 9906	Annex A
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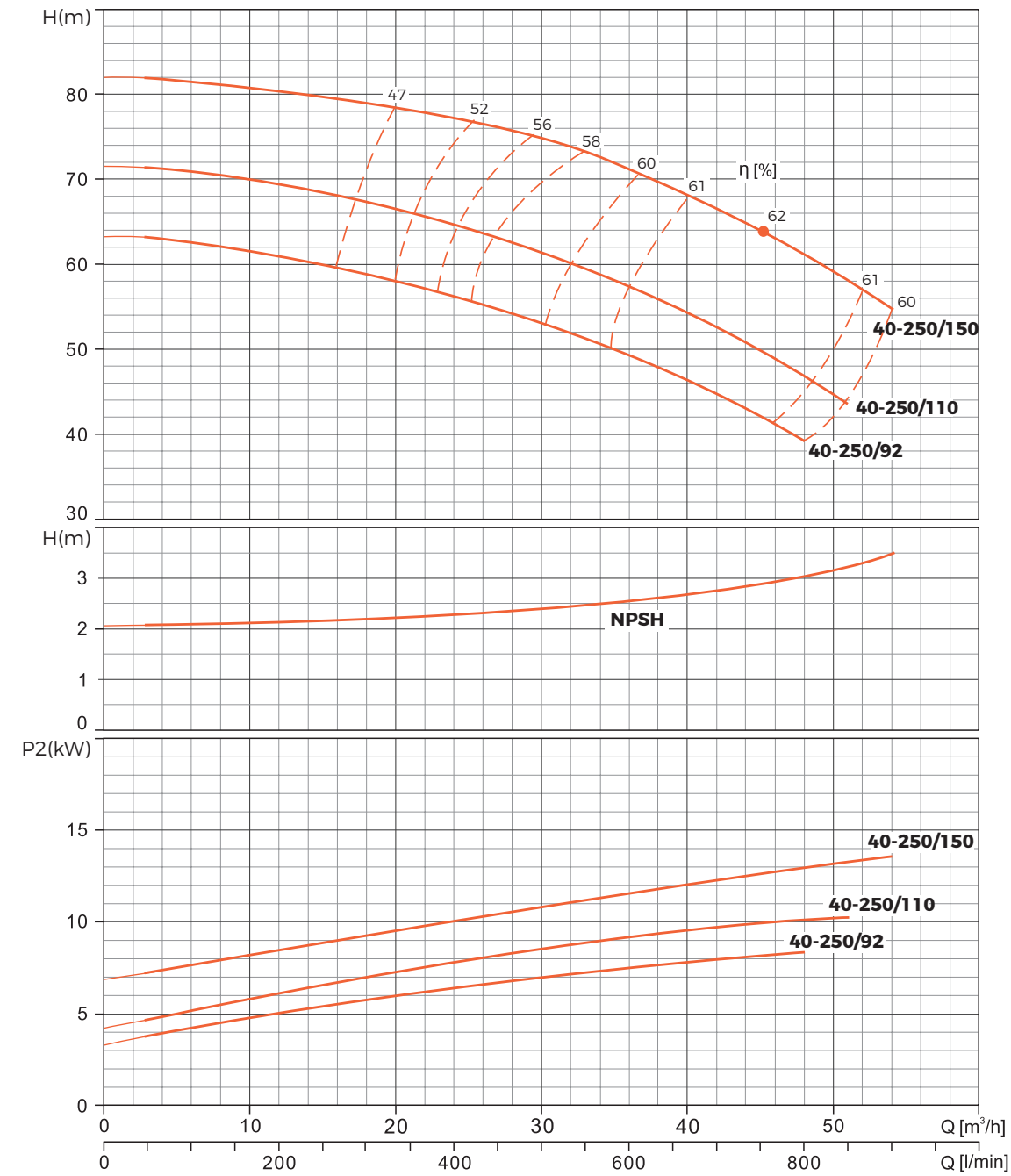
Hydraulic Performance Curves

XST40-200	Rated speed: 2900r/min	ISO 9906	Annex A
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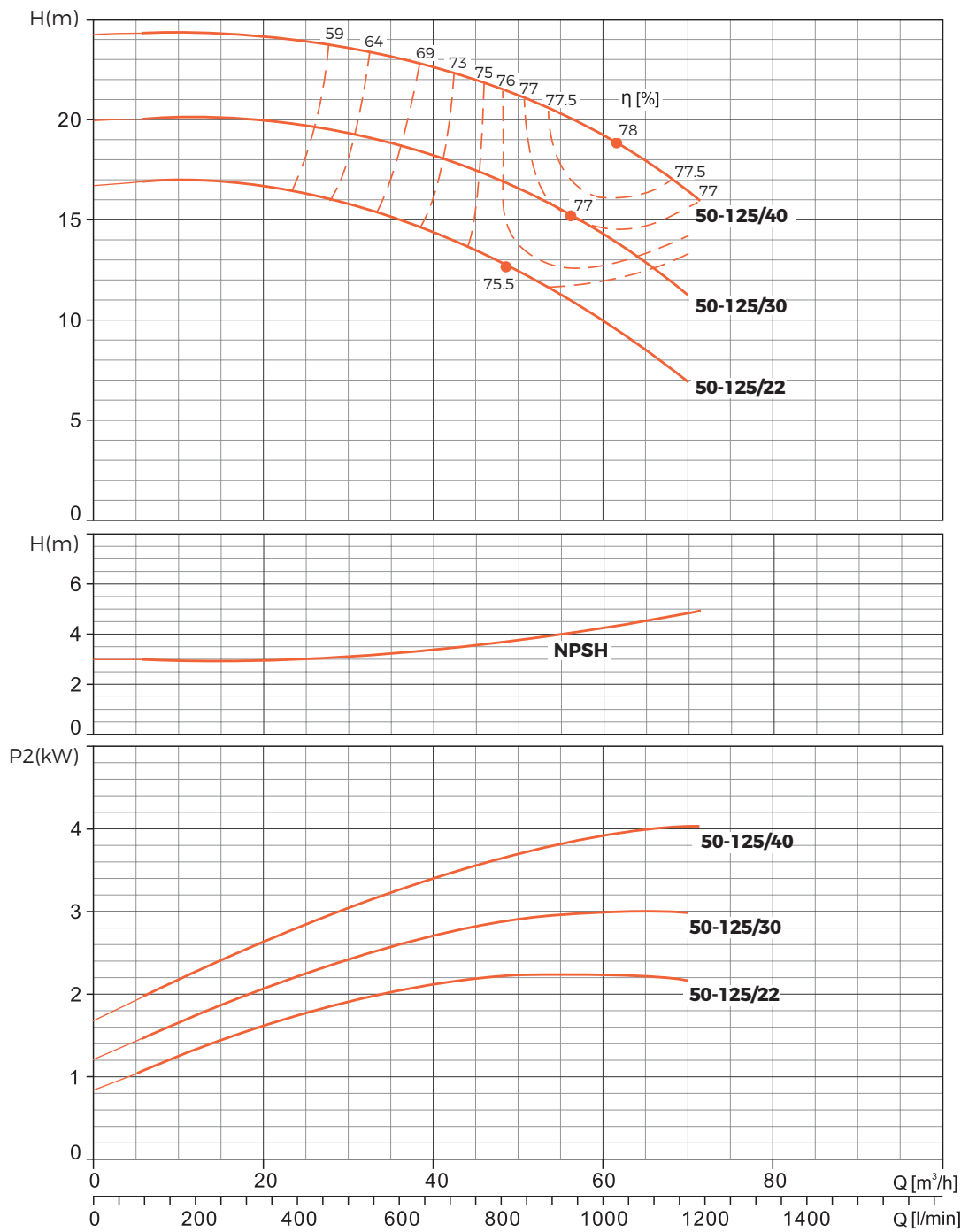
Hydraulic Performance Curves

XST40-250	Rated speed: 2900r/min	ISO 9906	Annex A
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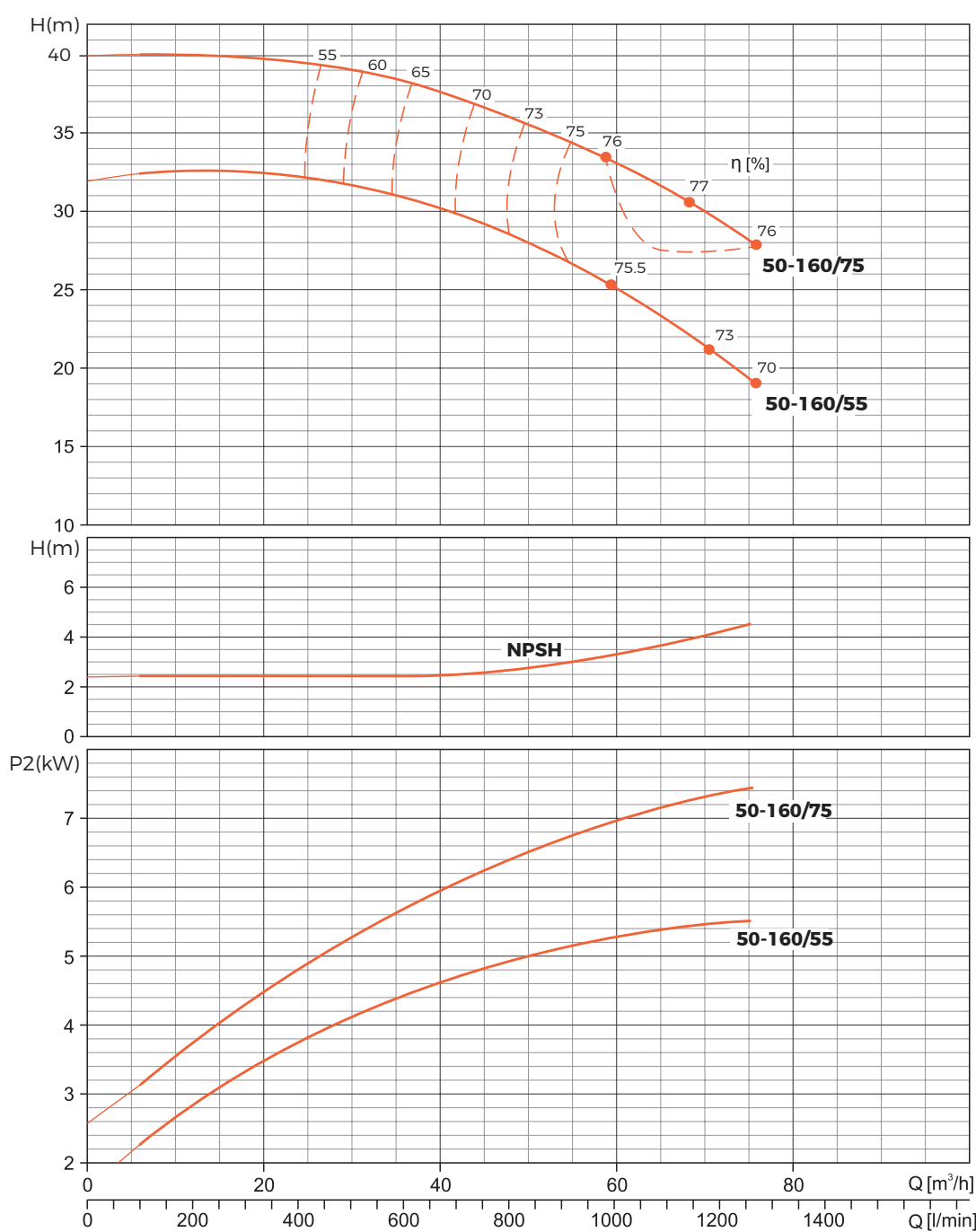
Hydraulic Performance Curves

XST50-125	Rated speed: 2900r/min	ISO 9906	Annex A
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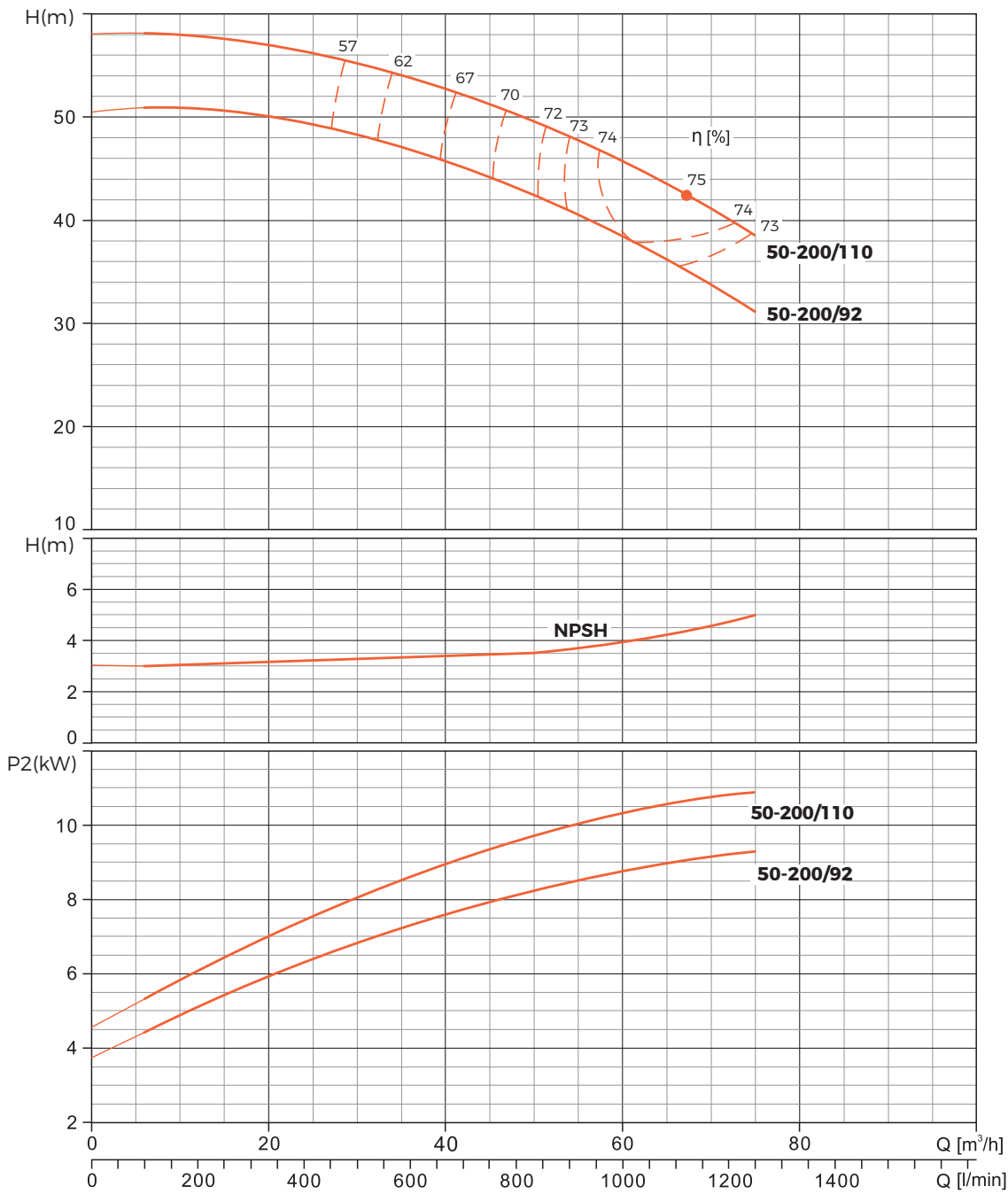
Hydraulic Performance Curves

XST50-160	Rated speed: 2900r/min	ISO 9906	Annex A
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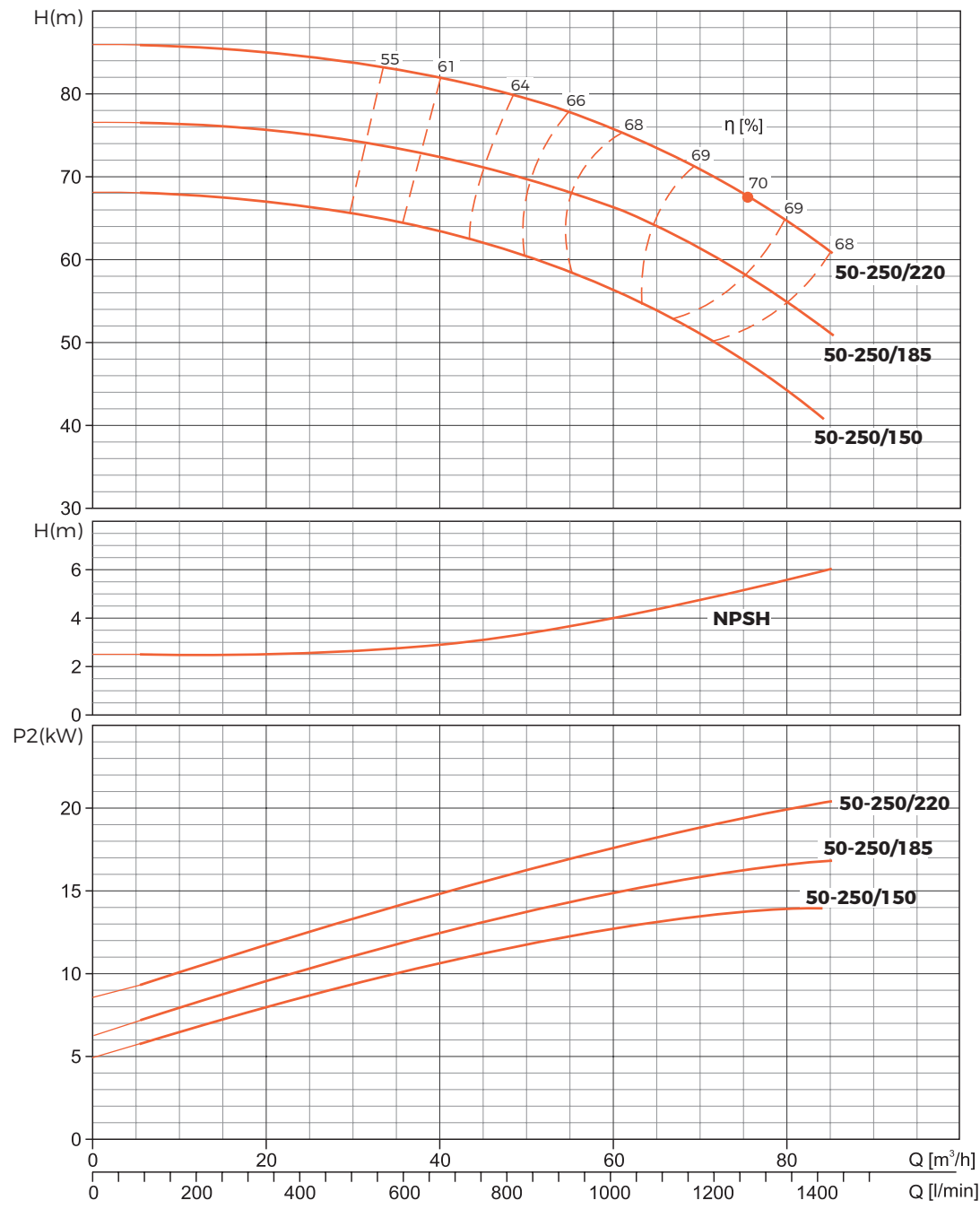
Hydraulic Performance Curves

XST50-200	Rated speed: 2900r/min	ISO 9906	Annex A
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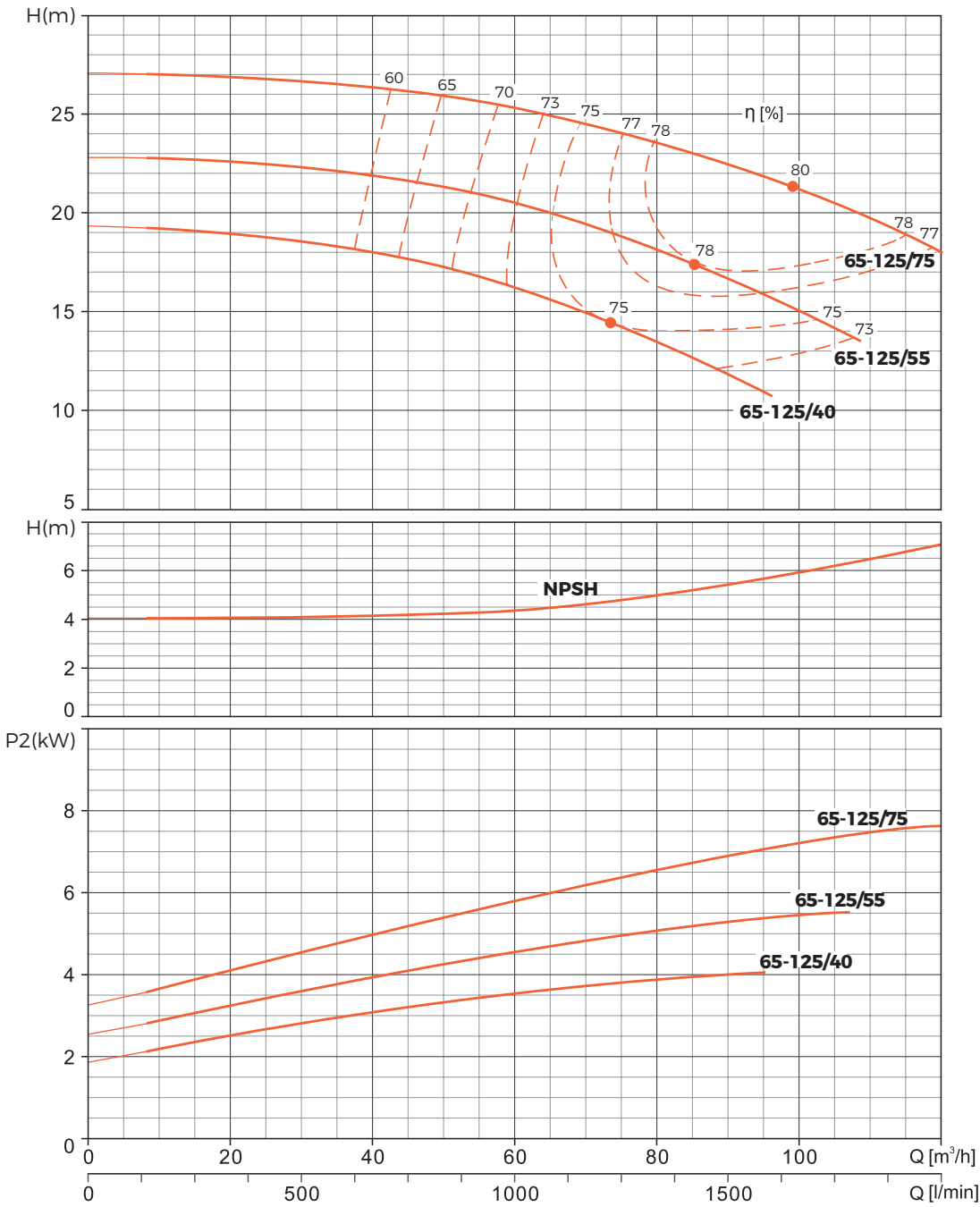
Hydraulic Performance Curves

XST50-250	Rated speed: 2900r/min	ISO 9906	Annex A
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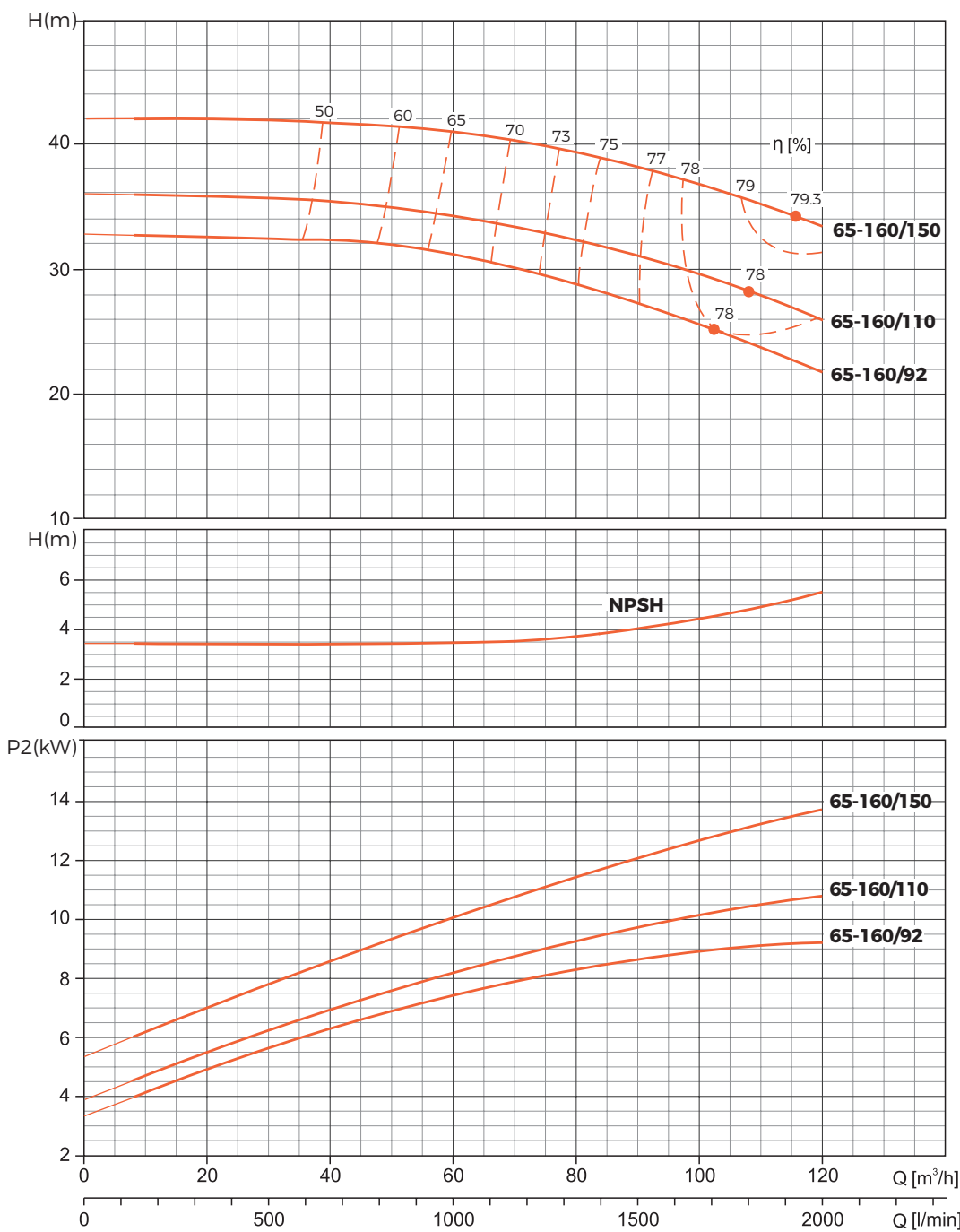
Hydraulic Performance Curves

XST65-125	Rated speed: 2900r/min	ISO 9906	Annex A
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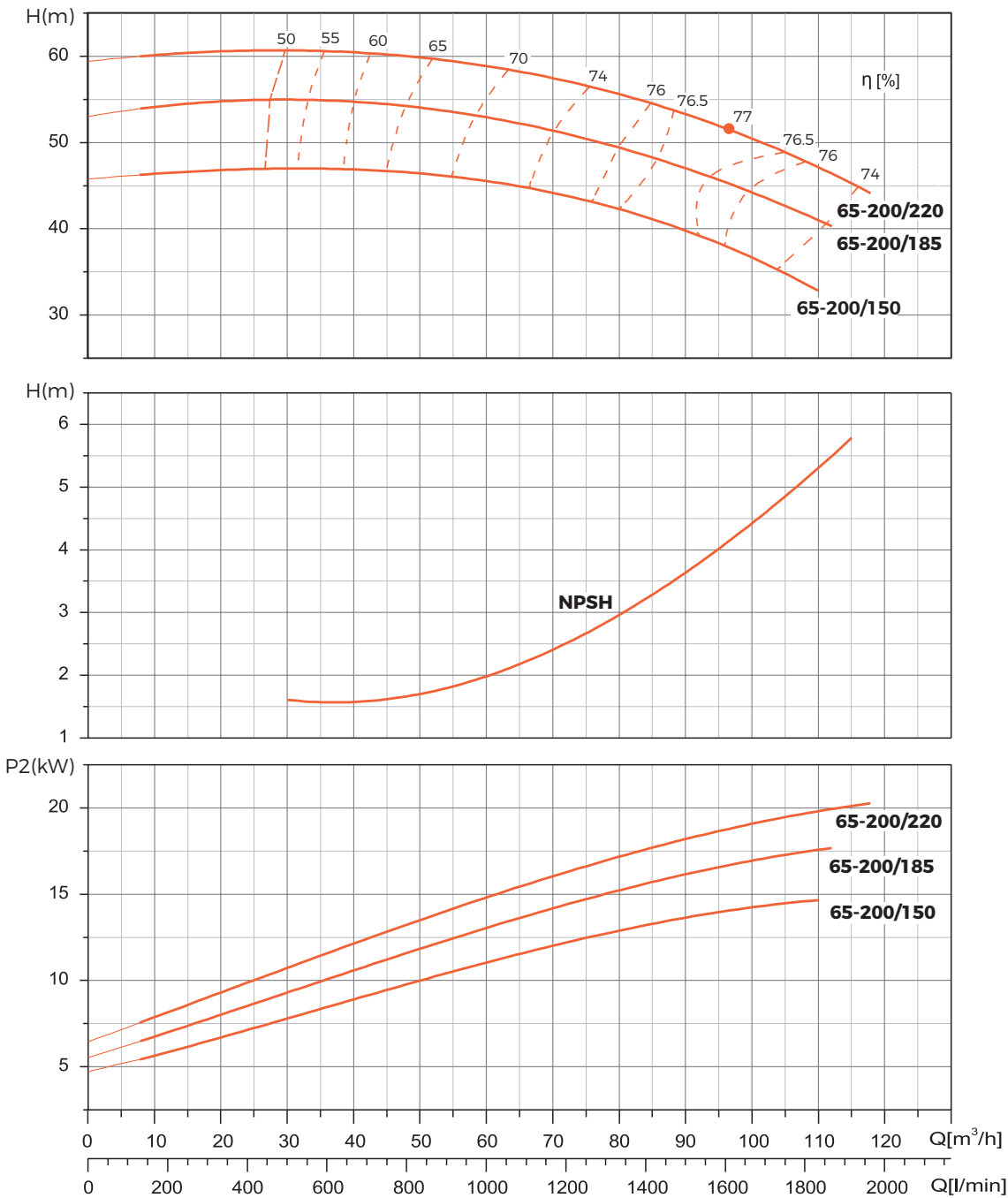
Hydraulic Performance Curves

XST65-160	Rated speed: 2900r/min	ISO 9906	Annex A
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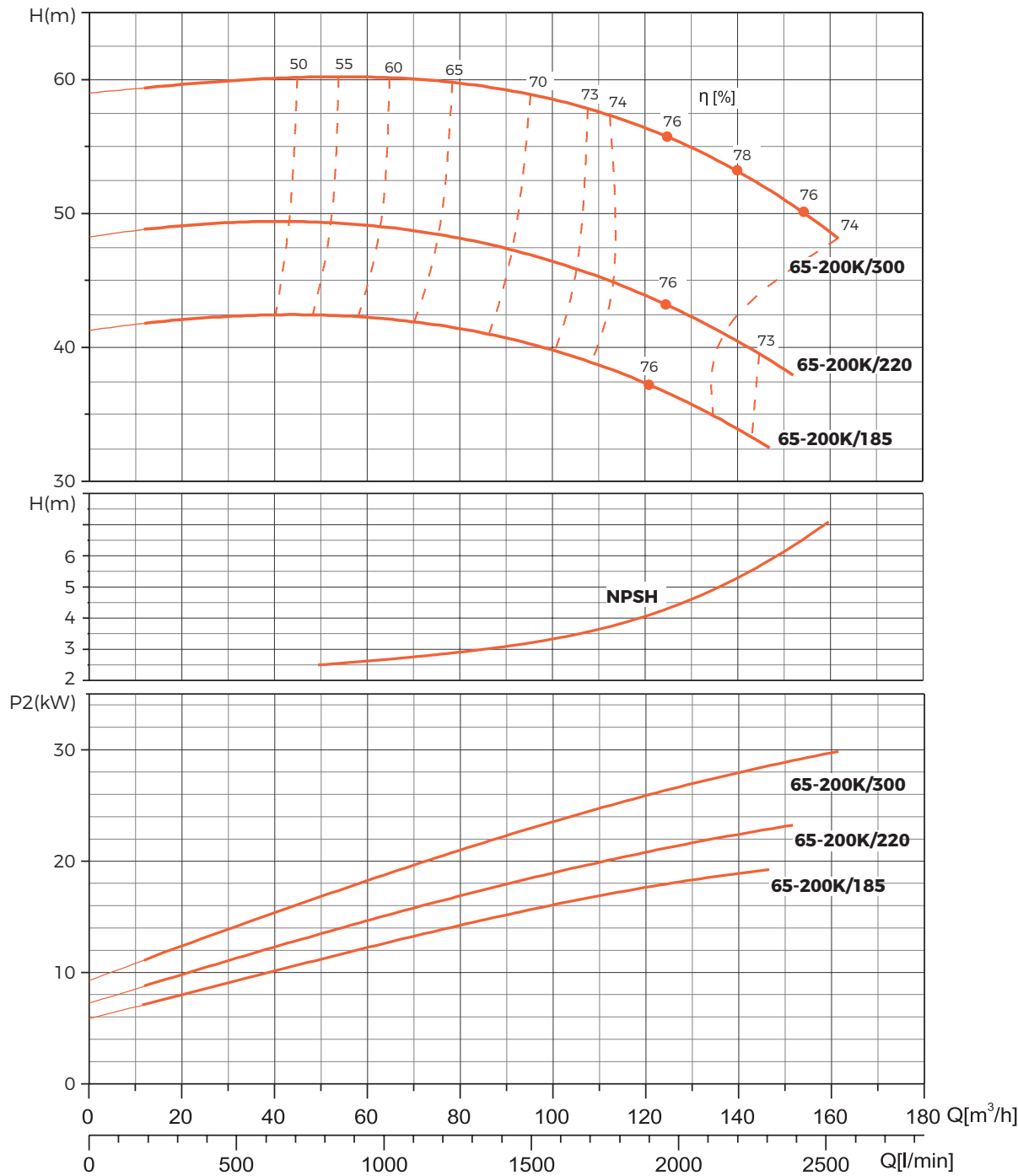
Hydraulic Performance Curves

XST65-200	Rated speed: 2900r/min	ISO 9906	Annex A
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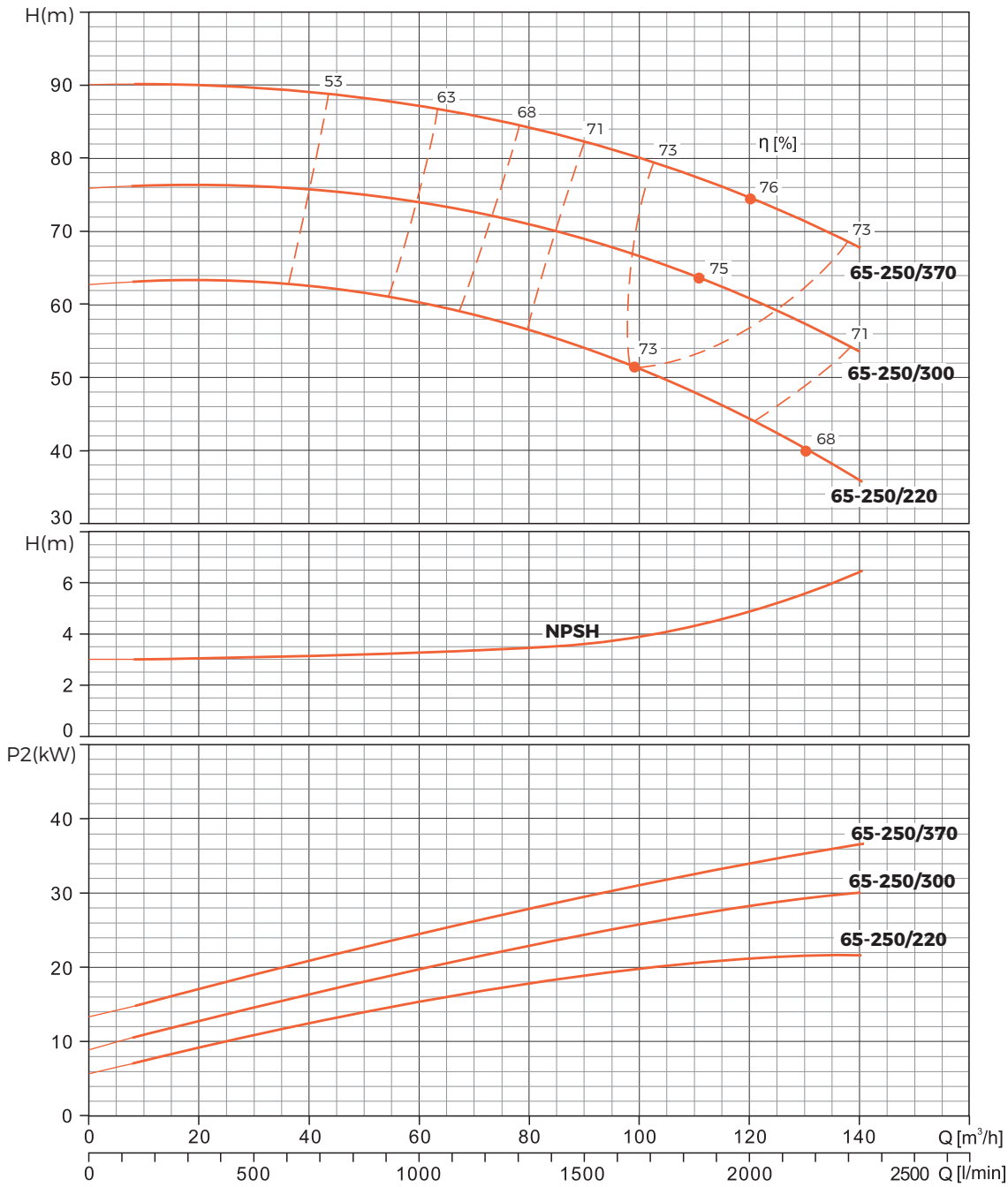
Hydraulic Performance Curves

XST65-200K	Rated speed: 2900r/min	ISO 9906	Annex A
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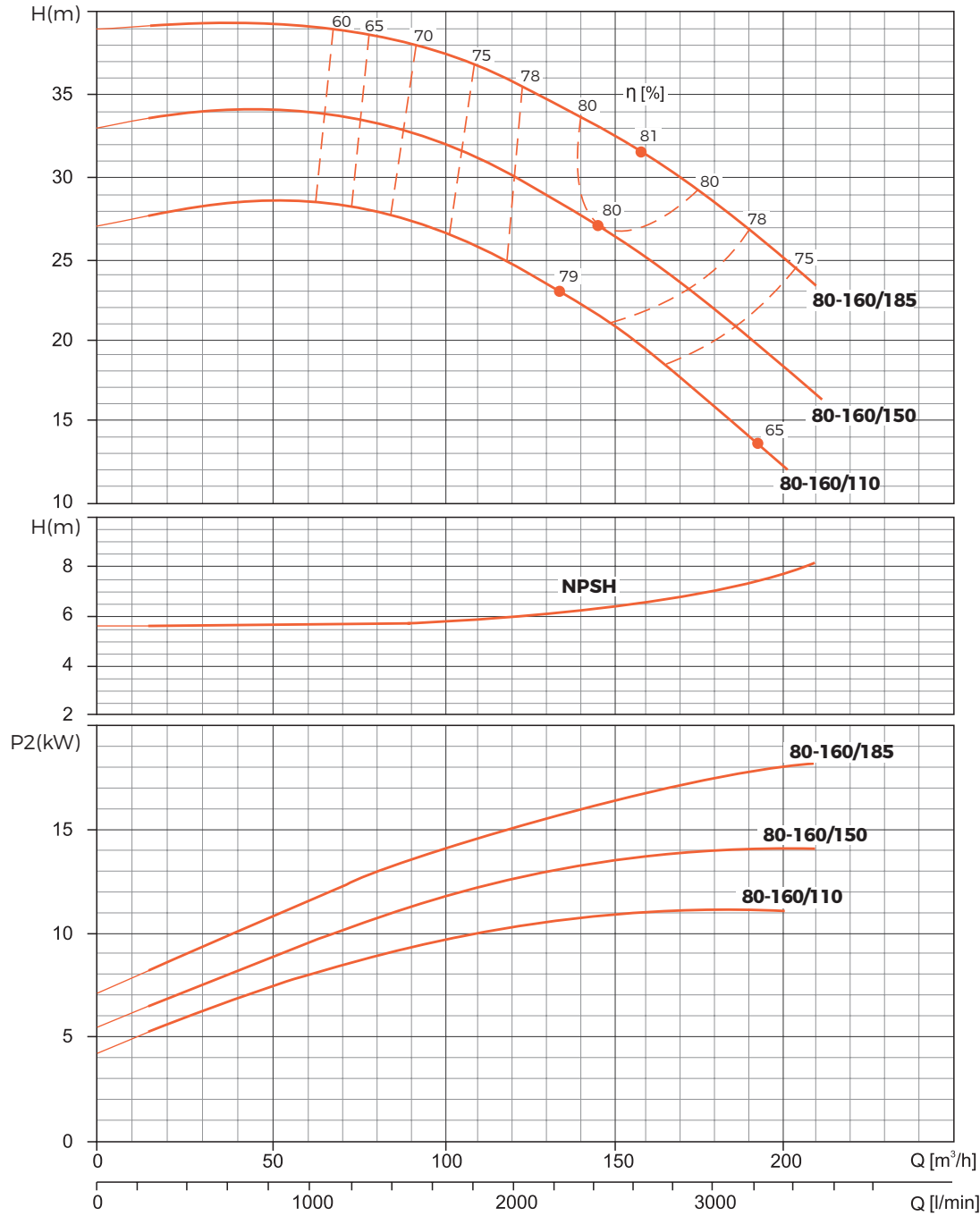
Hydraulic Performance Curves

XST65-250	Rated speed: 2900r/min	ISO 9906	Annex A
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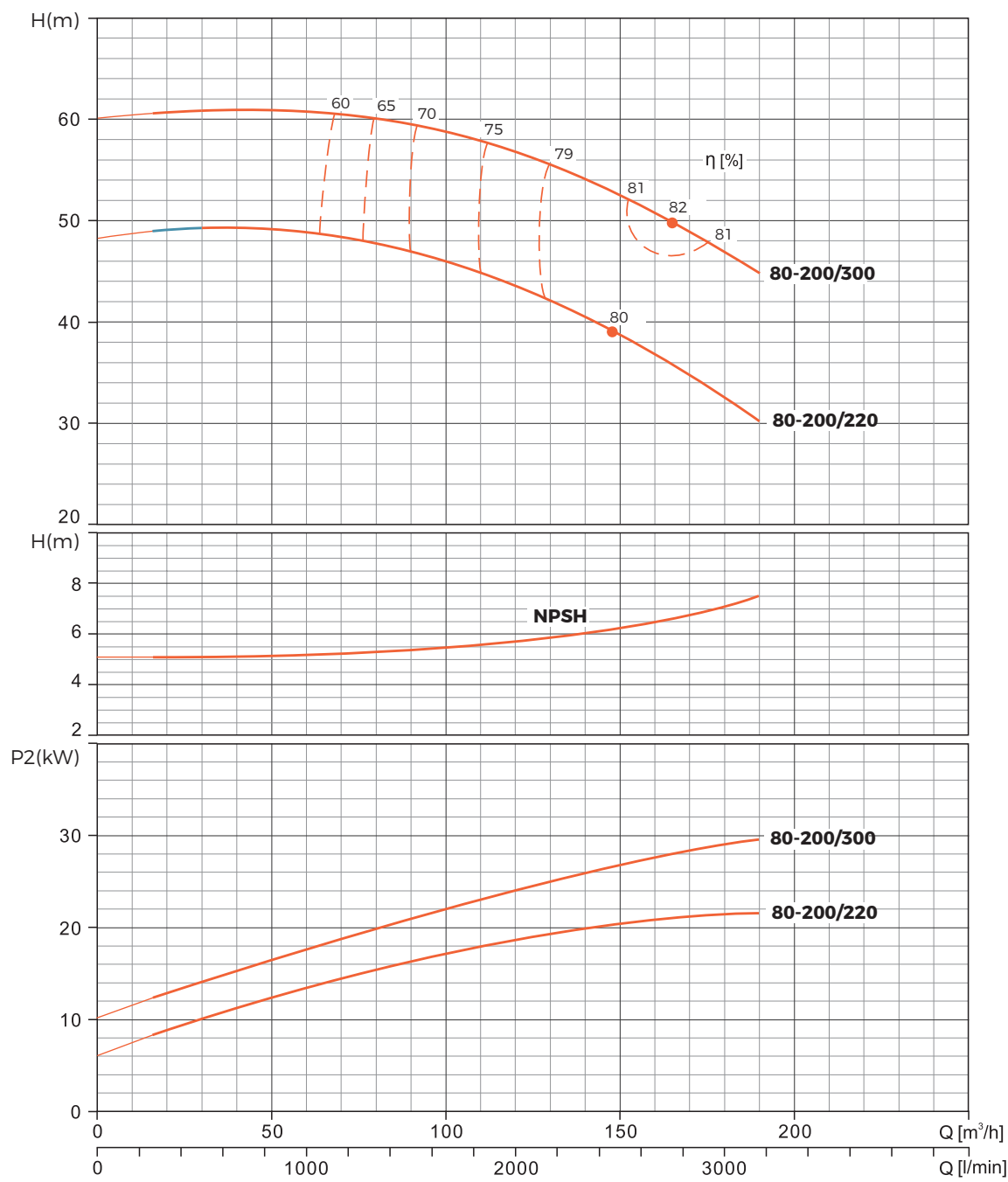
Hydraulic Performance Curves

XST80-160	Rated speed: 2900r/min	ISO 9906	Annex A
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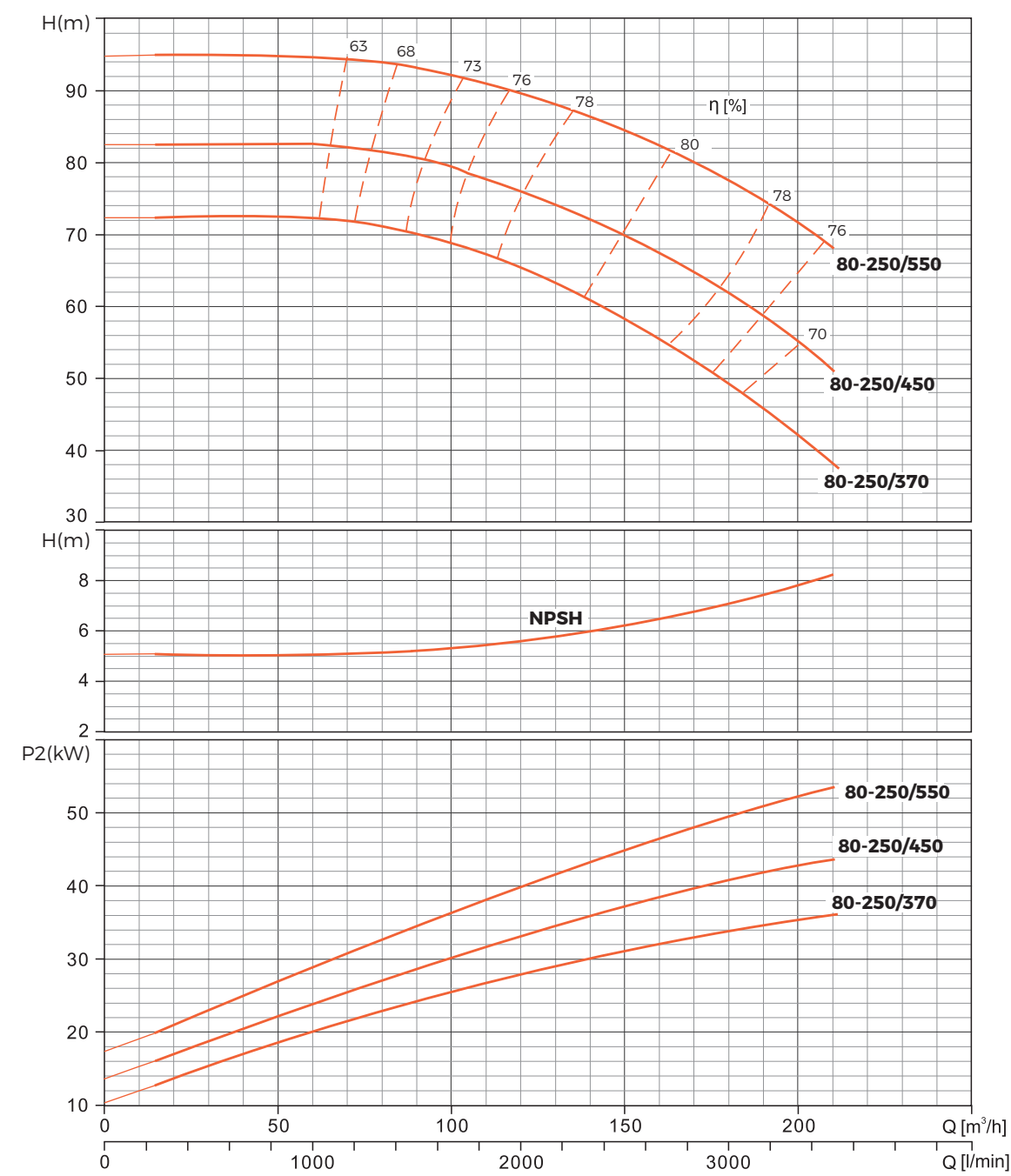
Hydraulic Performance Curves

XST80-200	Rated speed: 2900r/min	ISO 9906	Annex A
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Hydraulic Performance Curves

XST80-250	Rated speed: 2900r/min	ISO 9906	Annex A
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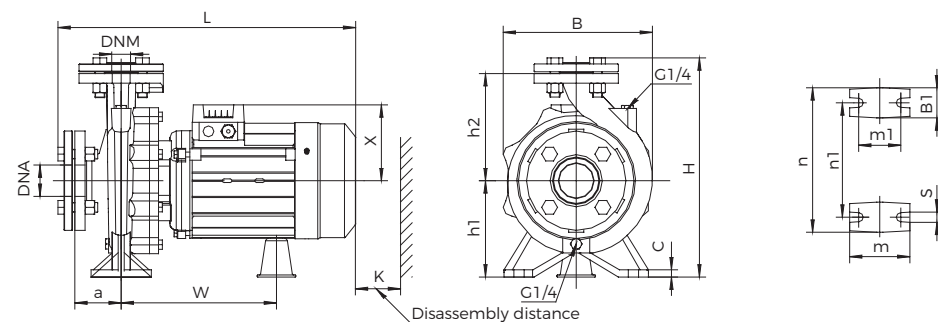


Technical drawing of a circular flange. The drawing shows a top view with concentric circles. The outermost circle is labeled 'D'. The inner circle is labeled 'G'. There are four small circles, each labeled 'Ø18', arranged in a square pattern. The distance between the centers of these four circles is labeled '4xØ18'. The central hole is labeled 'DN'. The overall diameter of the flange is labeled 'M'.

Technical drawing of a circular flange. The drawing shows a top view of a circular component with a central hole. The outer diameter is labeled D . The inner diameter is labeled G . There are eight holes arranged in a circle, each with a diameter of $\Phi 18$, indicated by the label $8 \times \Phi 18$. The diameter of the central hole is labeled DN . The overall diameter of the flange, including the mounting holes, is labeled M .

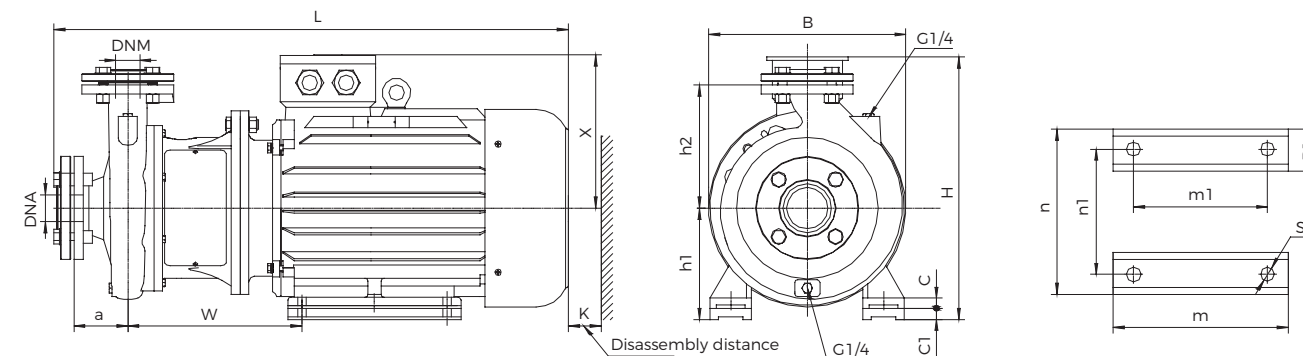
DN	D	M	G	Max. thickness
80	200	160	138	22
100	220	180	158	24

Less than or equal to 7.5 kW



Model	DNM	DNA	a	h2	w	x	B1	c	h1	m	m1	n	n1	s	B	H	L	K
XST32-125/7	32	50	80	140	223	113	50	12	112	100	70	190	140	15	197	278	427	85
XSTm32-125/7						123												
XST32-125/11						113												
XSTm32-125/11						123												
XST32-160/15			160	231	116	16	132	428	95									
XSTm32-160/15					123													
XST32-160/22					116													
XSTm32-160/22					141													
XST32-160/30					266			130	498									
XSTm32-160/30					141													
XST32-200/30			180	258	127	12	160	489	60									
XST32-200/40																		
XST32-250/55																		
XST32-250/75	154	198	263	179	60	15	272	212	308	384	614 636							
XST40-125/11	40	65	80	140	203	120	50	12	112	210	160	15	218	279	483	95		
XSTm40-125/11						128												
XST40-125/15						120												
XSTm40-125/15						128												
XST40-125/22				255	130	491												
XSTm40-125/22				141														
XST40-160/30			168	258	127	132	240	190	249	327	491	105						
XST40-160/40																		
XST40-200/55																		
XST40-200/75	100	180	179	160	264	212	275	367	559 581									
XST50-125/22	50	65	100	170	262	127	52	12	132	100	70	240	190	15	245	329	517	110
XSTm50-125/22						141												
XST50-125/30						127												
XST50-125/40						127												
XST50-160/55				266	179	68			14			160	125		95	280	212	
XST50-160/75																		
XST65-125/40																		
XST65-125/55	65	80	180	276	68	14	160	125	95	280	212	271	367	577 600				
XST65-125/75																		

Greater than 7.5 kW



Model	DNM	DNA	a	h2	w	x	B1	C	C1	h1	m	m1	n	n1	s	B	H	L	K										
XST40-250/92	40	65	100	225	312	255	65	20	20	180	260	210	314	254	14.5	350	445	840	110										
XST40-250/110				310	255	65	20	-	160	260	210	314	254																
XST40-250/150				310	255	65	20	-	160	260	210	314	254																
XST50-200/92	50	65	100	220	310	255	65	20	20	180	260	210	314	254	14.5	350	425	838	110										
XST50-200/110				225																310	255	65	20	-	160	260	210	314	254
XST50-250/150				310	255	65	20	-	160	304	254	314	254																
XST50-250/185				310	255	65	20	-	160	311	241	349	279																
XST50-250/220				323	280	280	70	22	-		311	241	349	279			465	923											
XST65-160/92	65	80	100	200	312	255	65	20	-	160	260	210	314	254	14.5	350	425	840	125										
XST65-160/110																				310	255	65	20	20	180	304	254	314	254
XST65-160/150																													
XST65-200/150				225	280	70	22	-	180	311	241	349	279	355		465	923												
XST65-200/185																		310		255	65	20	20	180	304	254	314	254	
XST65-200/220																		310		255	65	20	20	180	311	241	349	279	
XST65-200K/185				350	280	70	22	-	180	311	241	349	279	350		445	909												
XST65-200K/220																		350		280	70	22	-	180	311	241	349	279	
XST65-200K/300																		350		280	70	22	-	180	311	241	349	279	
XST65-250/220				250	353	280	70	22	-	180	311	241	349	279		14.5	350	465		953									
XST65-250/300																					365	305	25	200	368	305	388	318	18.5
XST65-250/370	365	305	25												200				368		305	388	318	18.5	400	505	1030		
XST80-160/110	80	100	125	225	315	255	65	20	-	160	260	210	314	254	14.5	350	425	869	130										
XST80-160/150											304	254								465	978								
XST80-160/185											304	254																	
XST80-200/220				250	352	250	70	22	200	368	305	388	318	18.5		400	505	1065											
XST80-200/300					364	305		25																					
XST80-250/370				280	370	386	335	75	28	225	393	311	431	356		18.5	450	560		1104	120								
XST80-250/450					370																								
XST80-250/550					370																								