

(EN733–DIN24255)

APPLICATIONS

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

OPERATING CONDITIONS

- Delivery: up to 220m³/h
- Head: up to 95m
- Liquid temperature
 - Standard: -10°C to 85°C
 - Upon request: -20°C to 120°C
- Maximum operating pressure: 12 bar(PN12)
- Anti-clockwise rotation when facing pump's suction port
- Impeller: AISI304/AISI316
- Mechanical seal in compliance with DIN 24960
- Lubricated by internal recirculating
- Housing sealed by pumped liquid
- Counter flange available on request

MOTOR

- Three–phase* asynchronous, squirrel cage rotor
- Closed construction, external ventilation
- Protection class: IP55
- Insulation class: 155
- Performance in compliance with CEI 2–3(IEC 34.1)
- Max. ambient temperature: +40°C
- Overload protection
- Compressive type drainage plugs on all motors

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, control valve and motor can be extracted without disconnecting the pump body from the pipes)

ACCESSORIES ON REQUEST

- AISI 316 stainless steel or galvanised iron threaded counter flanges
- Flanged tapered coupling
- Pump and motor sealing gasket



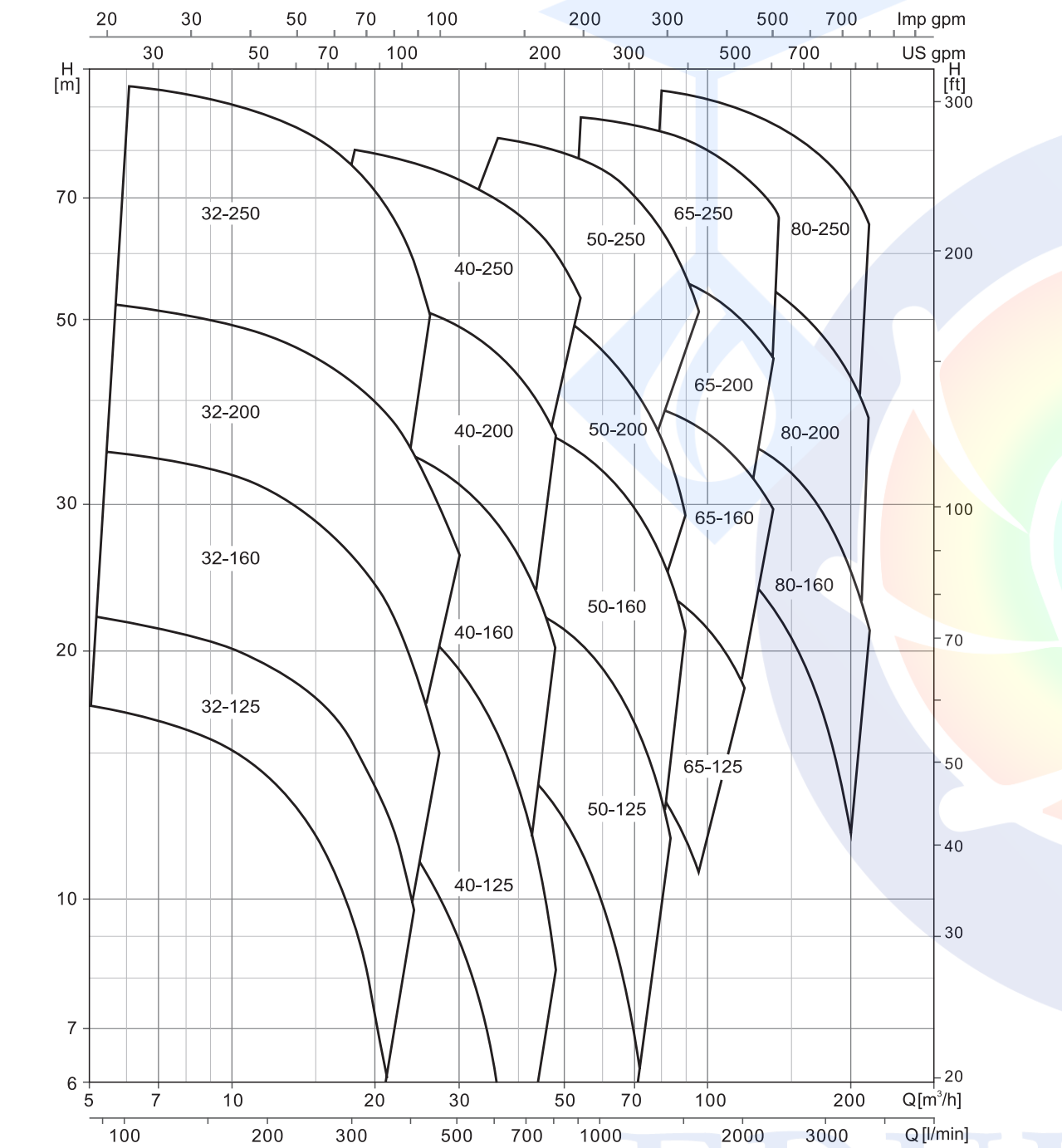
LIST OF MODELS–XST SERIES,50Hz,2–POLE

PUMP TYPE	POWER		l/min m³/h	Q=DELIVERY																		
	kW	HP		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210
32-125/07★	0.75	1	H(m)	17.5	16.7	15	12	9														
32-125/11★	1.1	1.5		22	21	19.7	16.5	14.5	9													
32-160/15★	1.5	2		25.4	23.7	22.5	18.5	15.8														
32-160/22★	2.2	3		31	29.6	28.5	24.5	22	15													
32-160/30★	3	4		35	34.3	34	28	25.5	19	15												
32-200/30★	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8												
32-200/40★	4	5.5		54.5	52	50	45.5	41.9	35	30.3												
32-250/55★	5.5	7.5		79.5	74.7	71.8	63	56	37.5													
32-250/75★	7.5	10		99.5	95	91.8	83	76	57.8													
40-125/11	1.1	1.5		14.7				13.5	11.5	10.1	5.8											
40-125/15	1.5	2		18.1				17	15	13.9	9.6	6										
40-125/22	2.2	3		24.5				23.2	21.5	20.2	16	13	8.3									
40-160/30	3	4		31.8				29.5	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		46				43.8	41.3	40.1	35	30										
40-200/75★	7.5	10		57				53.6	51.5	50	45	41	36.5									
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		84.5				80	77.3	75.2	71	65	61									
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5							
50-125/30	3	4		20							18.8	18	17	15.6	11							
50-125/40	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8						
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8						
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21					
50-200/92★	9.2	12.5		50.5							46.8	45	43	40.9	32.5	25.7						
50-200/110★	11	15		57.5							53.5	52	50	47.5	40	33	29					
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	47					
50-250/220★	22	30		86.3							83	81.5	80.8	78.7	70	61.9	57					
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	29.5		
65-200/150	15	20		45										45.5	43	41	40.2	36.5	34			
65-200/185	18.5	25		52										52.3	51	49	48.2	44.5	42			
65-200/220	22	30		59										59.5	58	56	55	52	49.5	44.5		
65-250/220	22	30		62										61.5	58.2	56.5	54	49	45			
65-250/300	30	40		76										75	73	71.5	69.5	64.5	61.5	54		
65-250/370	37	50	90										88.3	86.5	84	83	78	75	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	28.5	22.1	16.7	
80-160/185	18.5	25	39													38	36.8	36.7	33.8	28.8	23.5	
80-200/220	22	30	48													47.5	45.5	43.5	41	32.5	24.5	
80-200/300	30	45	60													59.5	58	57	54.5	47	40.5	
80-250/370	37	50	71.5													70.5	67.5	65.5	61.5	49.5	38.5	
80-250/450	45	61	80													80.5	78.5	76.5	73.4	63.2	51	
80-250/550	55	75	92.5													93.5	91.2	89.8	86.8	77.6	68.3	

★= Stainless steel impeller

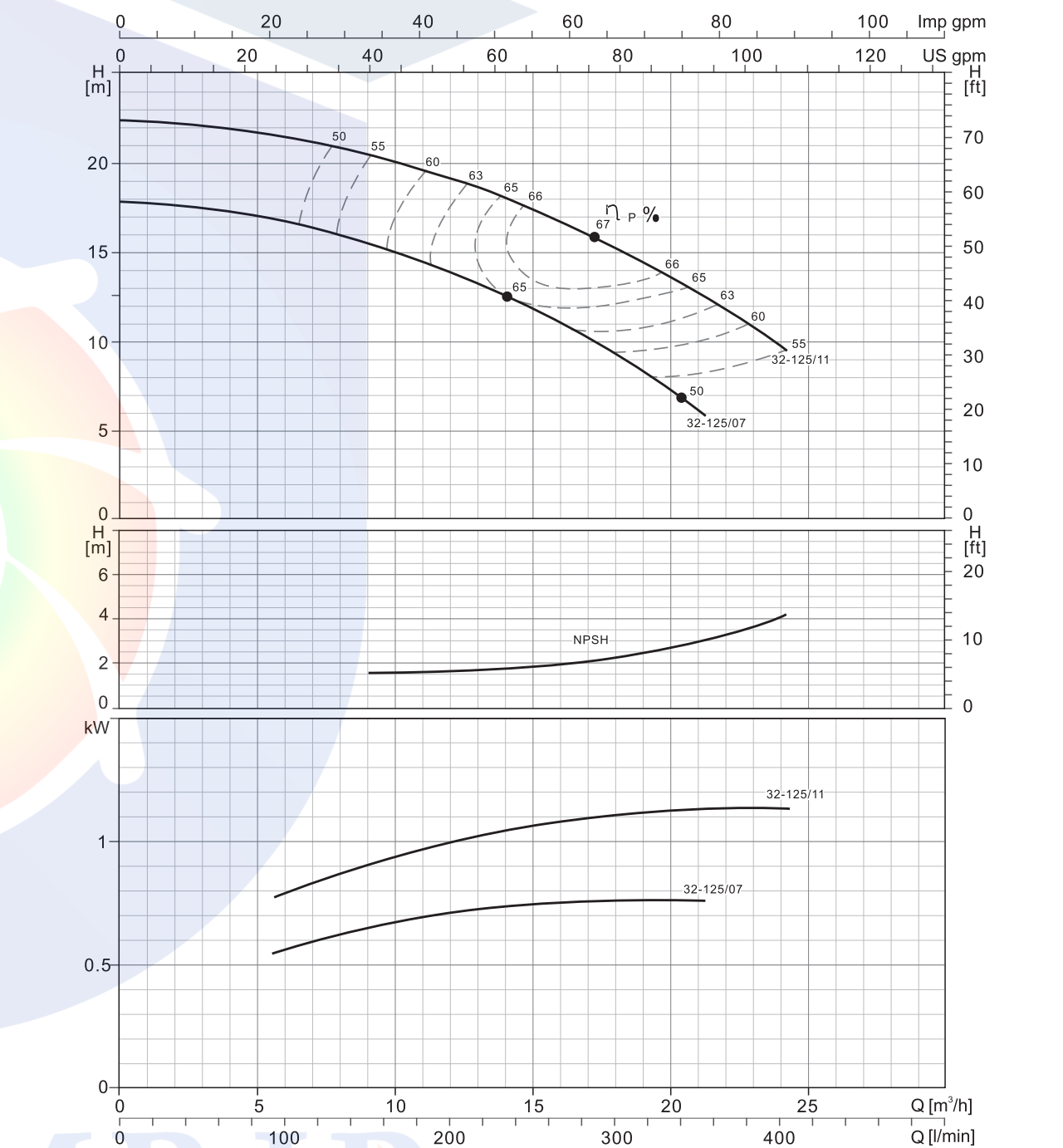
CHARACTERISTIC CURVES-XST SERIES,50Hz,2-POLE

XST	~2900rpm	ISO 9906 Annex A
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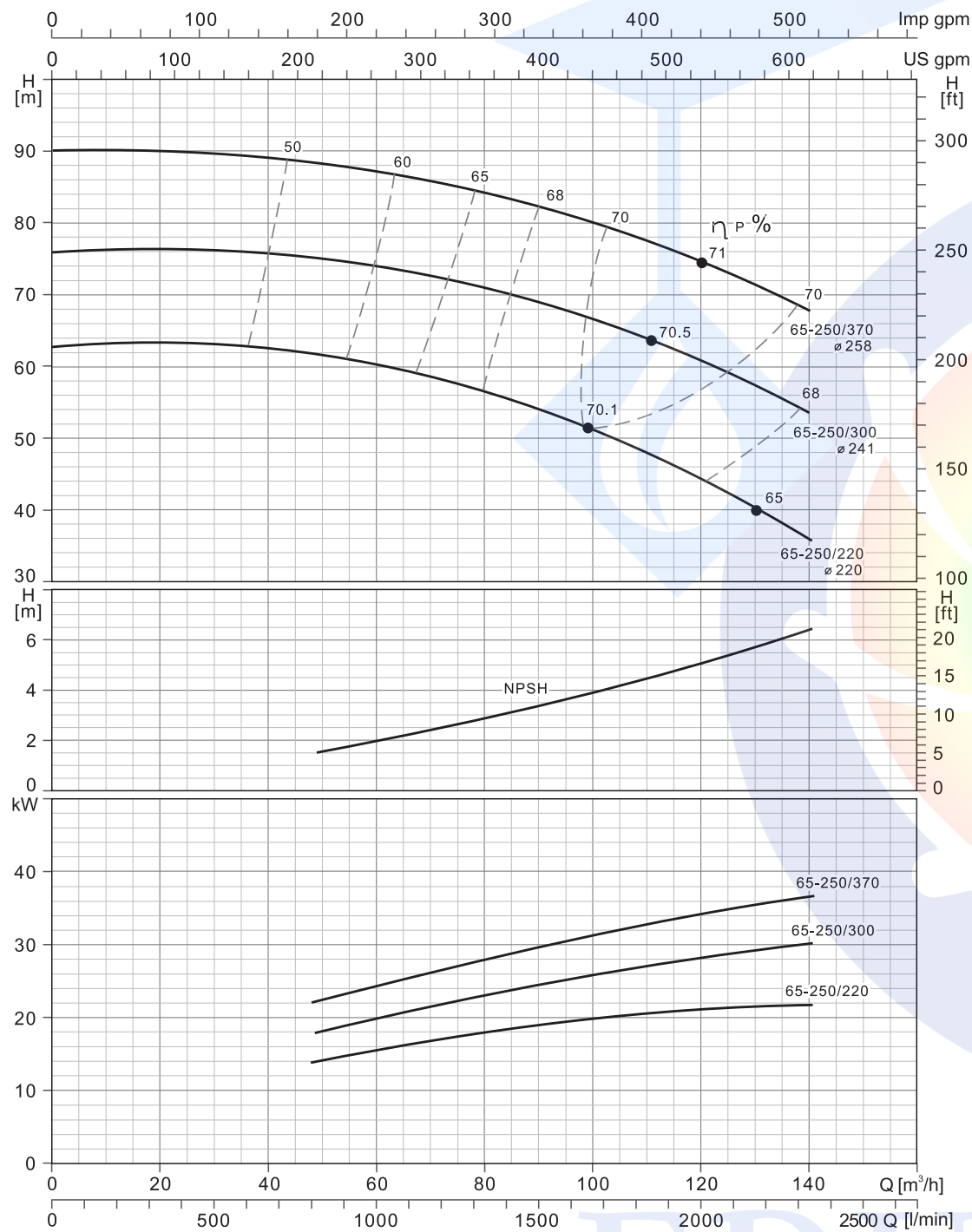
HYDRAULIC PERFORMANCE CURVES

XST32-125	~2900rpm	ISO 9906 Annex A
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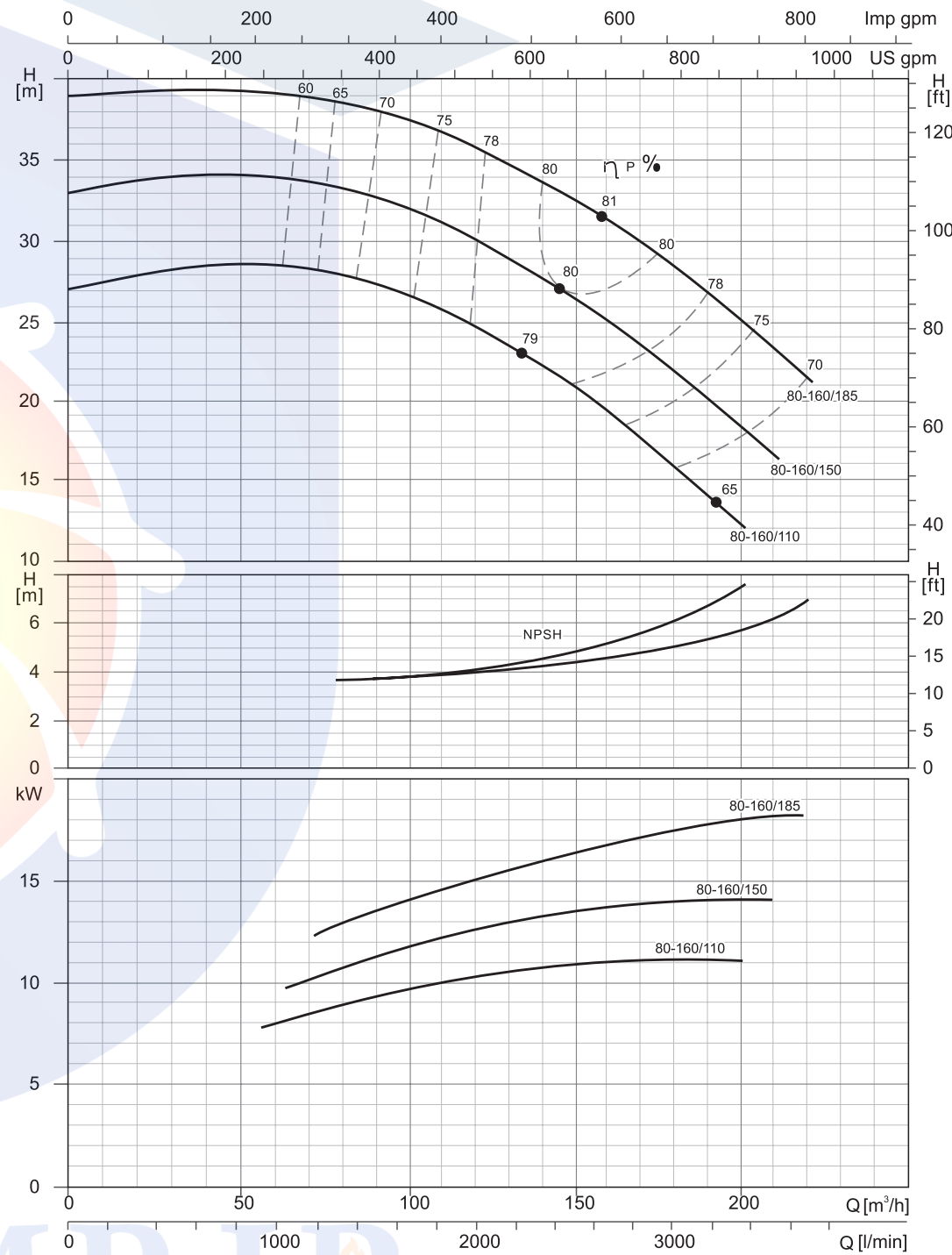
HYDRAULIC PERFORMANCE CURVES

XST65-250	~2900rpm	ISO 9906 Annex A
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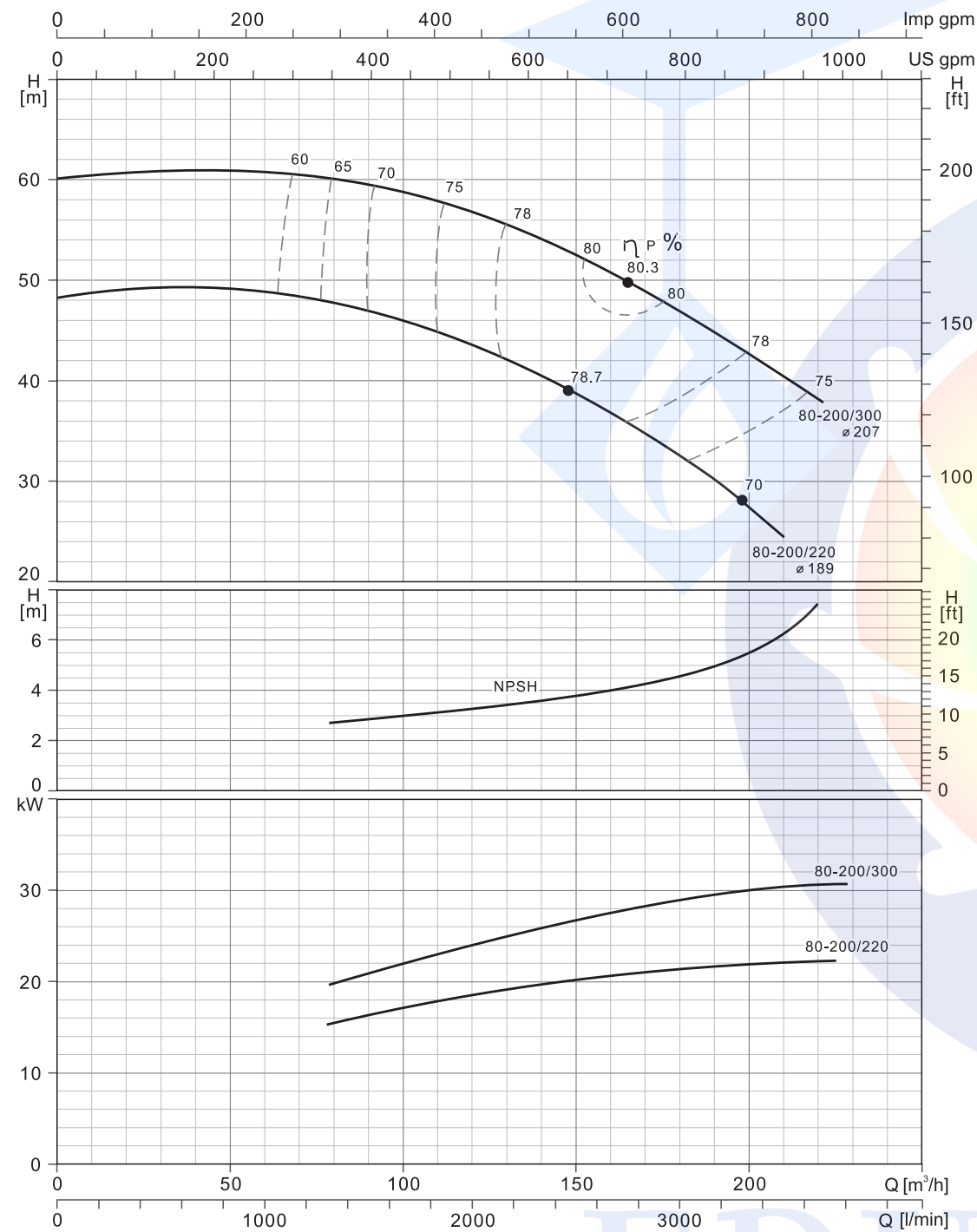
HYDRAULIC PERFORMANCE CURVES

XST80-160	~2900rpm	ISO 9906 Annex A
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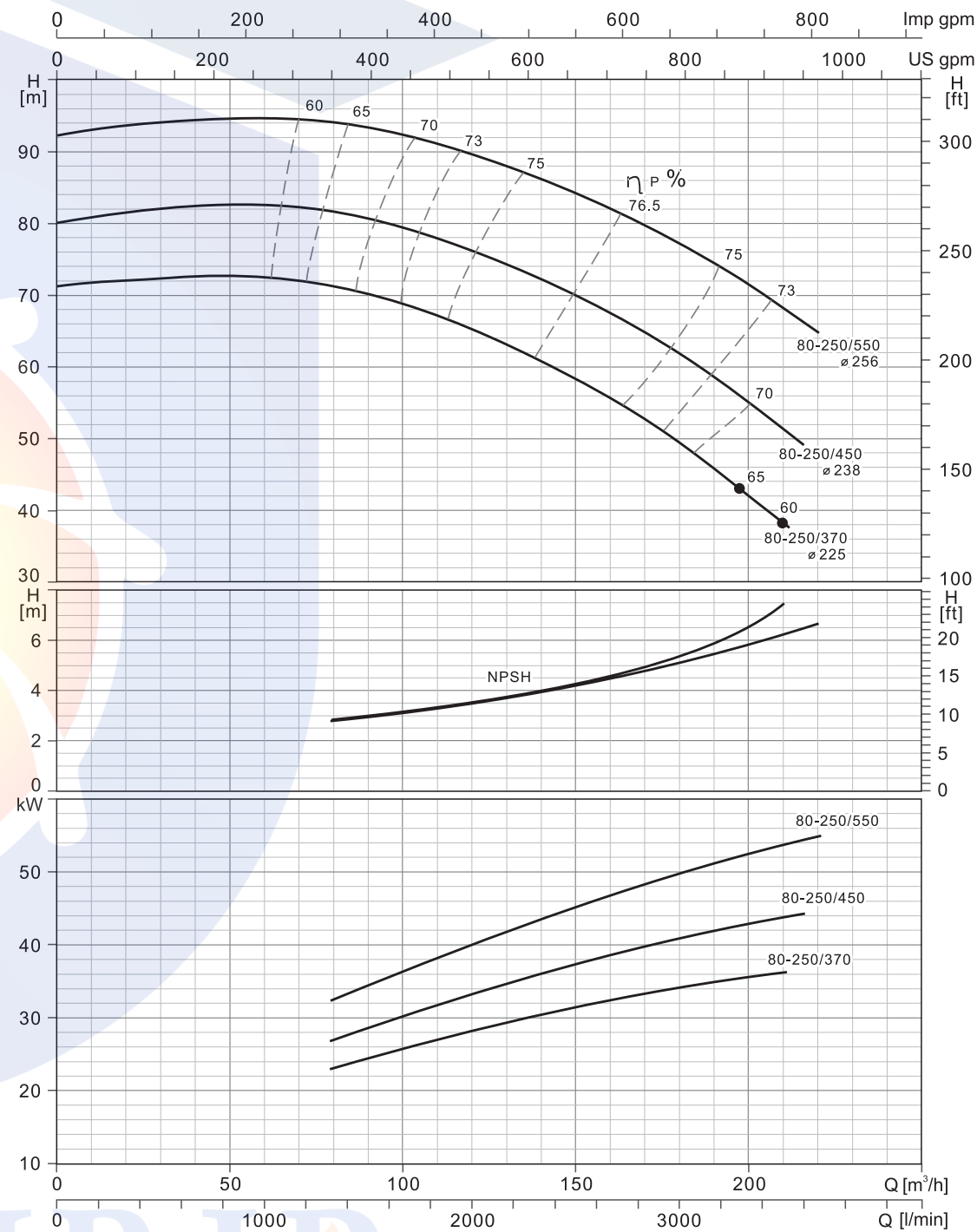
HYDRAULIC PERFORMANCE CURVES

XST80-200	~2900rpm	ISO 9906 Annex A
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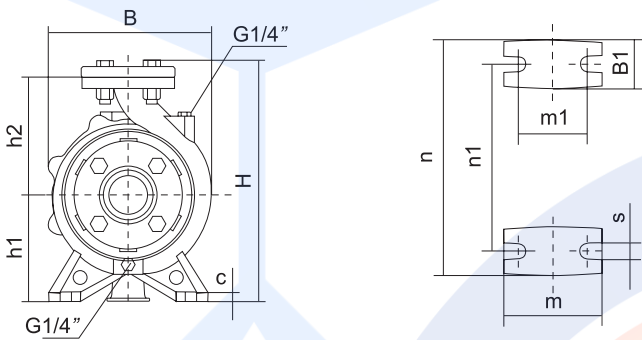
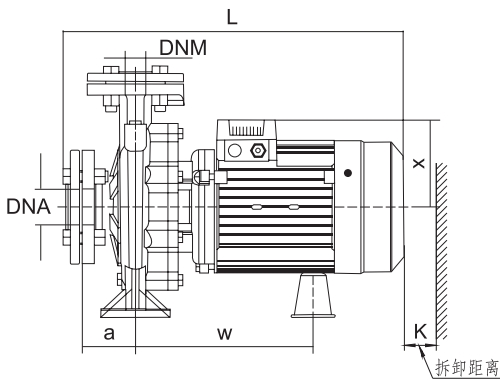


HYDRAULIC PERFORMANCE CURVES

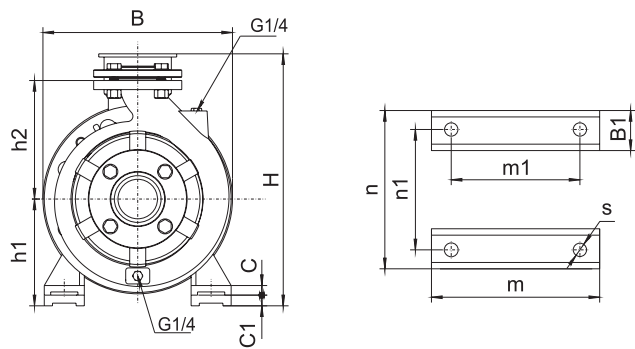
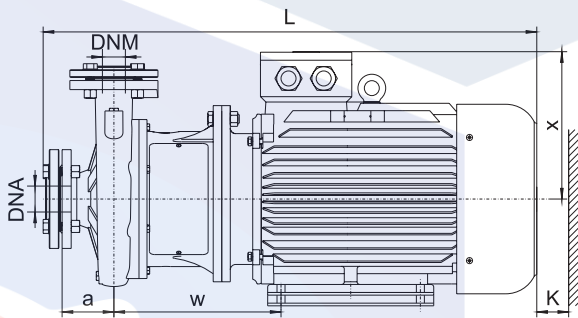
XST80-250	~2900rpm	ISO 9906 Annex A
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INSTALLATION SKETCH
up to 7.5 kW included



INSTALLATION SKETCH
From 7.5 kW



PUMP TYPE																			DNM	DNA	a	h2	w	x	B1	C	C1	h1	m	m1	n	n1	s	B	H	L	K
PUMP TYPE	DNM	DNA	a	h2	w	x	B1	c	h1	m	m1	n	n1	s	B	H	L	K	000005																		
32-125/07	32	50	80	140	223	113	48	12	112	100	70	190	140	17	192	281	427	85	40-250/92																		
32-125/11				160	266	141	50	16	132			240	321		496	95	248	369	490	60	40-250/110																
32-160/15																					430	40-250/150															
32-160/22																					496	50-200/92															
32-160/30																					496	50-200/110															
32-200/30				180	258	127	48	12	320			250	320		439	557	587	60	50-250/150																		
32-200/40			490							50-250/185																											
32-250/55			100	230	254	180	65	14	180	125	95	320	250	320	439	557	587	60	50-250/220																		
32-250/75																			587	65-160/92																	
40-125/11			40	65	80	140	255	127	45	12	112	100	70	210	160	17	218	282	489	95	65-160/110																
40-125/15	168	238				127	48	132	240		190			249	330		494	105	275	370	553	583	65-160/150														
40-125/22																							494	65-200/150													
40-160/30																							494	65-200/185													
40-160/40	100	180			259	180	50	160	264	212	275	370	553	583	110		65-200/220																				
40-200/55																	65-250/220																				
40-200/75																	65-250/300																				
50-125/22																	65-250/370																				
50-125/30	50	65	100	160	262	127	50	12	132	100	70	260	190	17	243	322	518	110	80-160/110																		
50-125/40									518			80-160/150																									
50-160/55				180	262	180	52		160			264	212		272	370	556		586	110	80-160/185																
50-160/75																					586	80-200/220															
65-125/40	65	80	100	180	265	180	68	14	160	125	95	280	212	17	283	372	564	594	80-200/300																		
65-125/55																			80-250/370																		
65-125/75																			80-250/450																		
																			80-250/550																		



EDUPUMP
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اولین و بزرگترین

سایت تخصصی سیستم‌های پمپاژ
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در کلاس‌های S3 - S2 - S1
مورد تایید سازمان آتش نشانی تهران



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آب و فاضلاب

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بدون محدودیت برند



آموزش

تهویه و تخلیه دود
سیستم‌های پمپاژ
ایمنی معماری
اطفاء حریق
اعلام حریق

مشاوره - طراحی - اجراء

تاسیسات مکانیکی (موتورخانه - استخر)
تهویه و تخلیه دود
سیستم‌های پمپاژ
ایمنی معماری
اعلام حریق
اطفاء حریق

سرمایش و گرمایش موتورخانه
نرم افزار فنی و مهندسی
استخر، سونا و جکوزی
سیستم‌های پمپاژ

تهران، سعدی شمالی، خیابان مرادی نور، پلاک ۳۱

تلفن: ۰۲۱-۷۷۶۸۶۹۶۶ فکس: ۰۲۱-۷۷۶۷۸۶۵۹

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