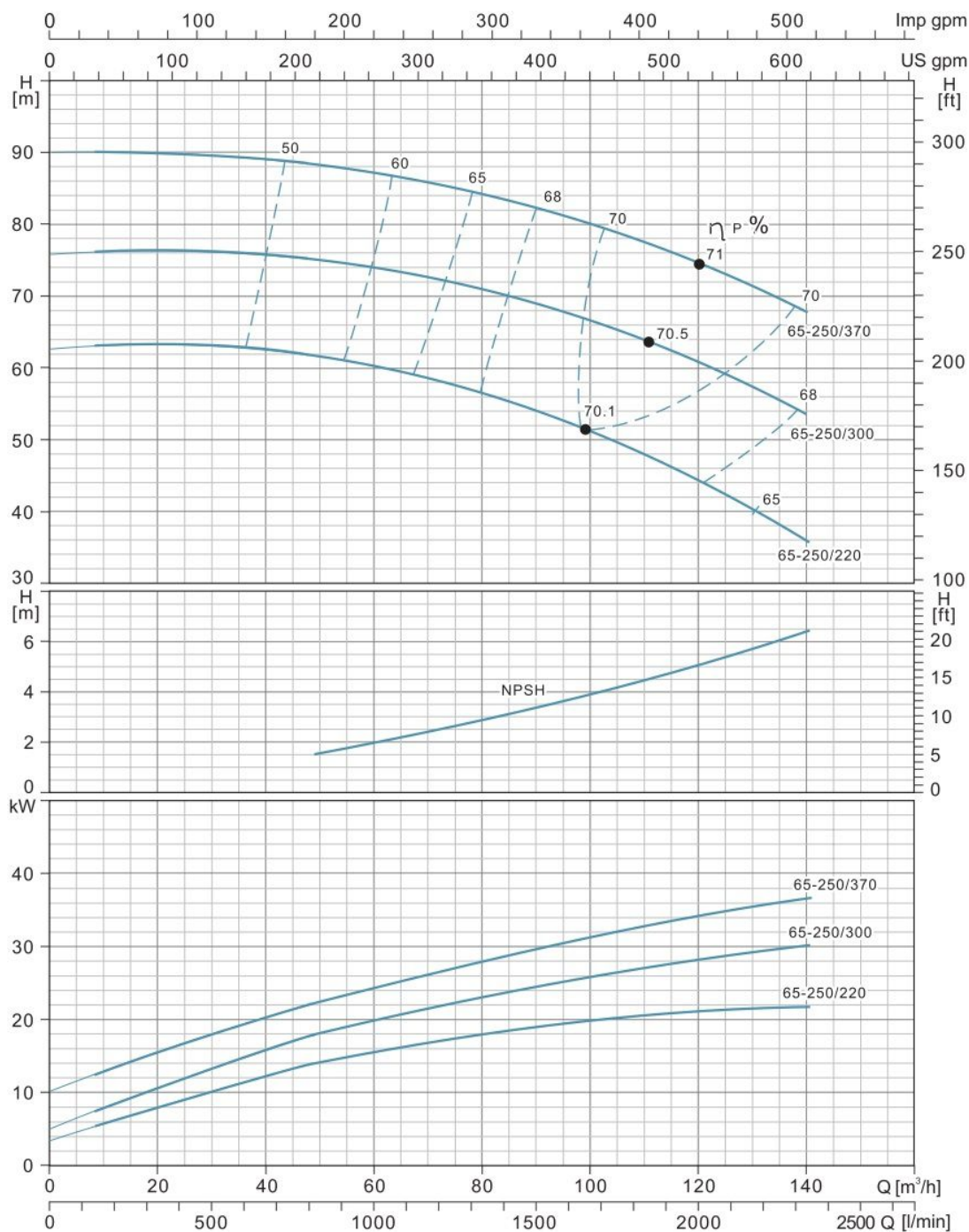


Hydraulic Performance Curves

XST65-250	~2900rpm	ISO 9906 Annex A
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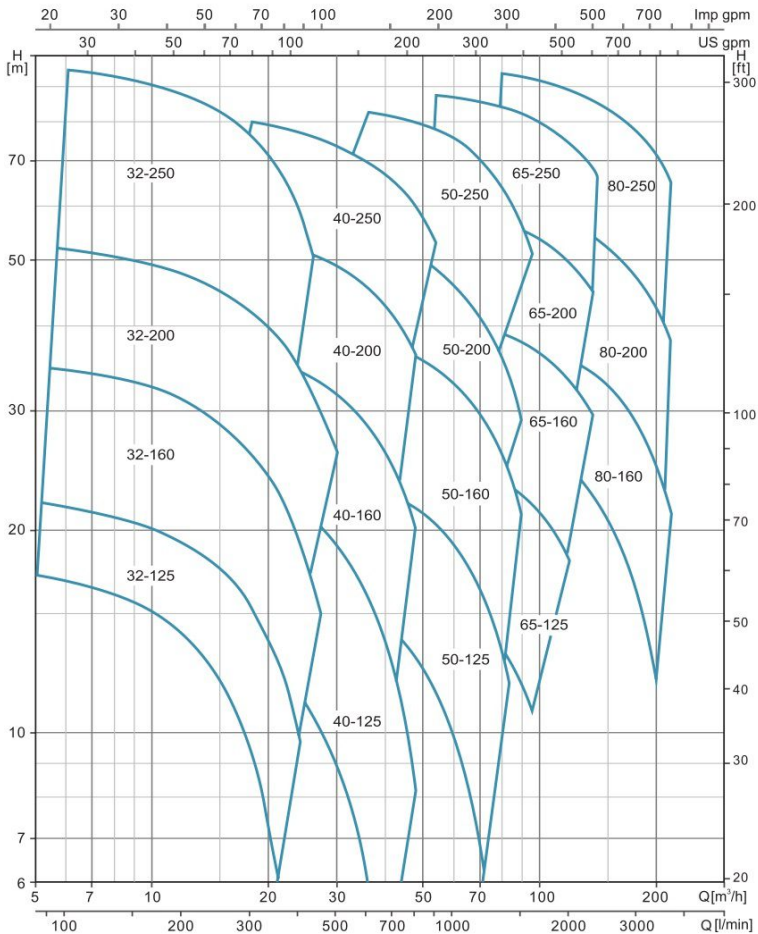
Technical Data

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		45.5										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								
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	~2900rpm	ISO 9906 Annex A
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Flange Dimensions



PN16 FLANGES

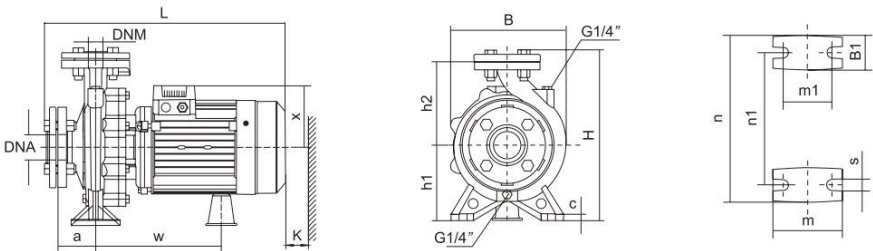
DN	D	M	G	HOLES N°	Ø	MAX. THICKNESS
32	140	100	78	4	18	18
40	150	110	88	4	18	18
50	165	125	102	4	18	20
65	185	145	122	4	18	20

PN16 FLANGES

DN	D	M	G	HOLES N°	Ø	MAX. THICKNESS
80	200	160	138	8	18	22
100	220	180	158	8	18	22

Installation Sketch

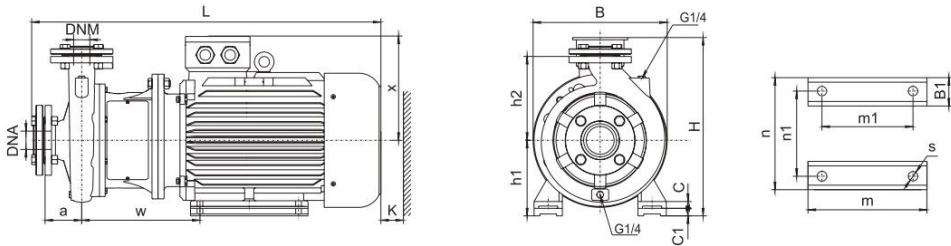
up to 7.5 kW included



MODEL	DNM	DNA	a	w	x	h2	B1	c	h1	m	m1	n	n1	s	B	H	L	K				
32-125/7	32	50	80	223	113	140	48	12	112	100	70	190	140	15	192	281	427	85				
32-125/11				231	123	160	50	16	132			240	190	14	240	321	430	95				
32-160/15				266	141												496					
32-160/22				258	127	180	48	12	160			240	190	15	248	369	490		60			
32-160/30												272	212		308	386	610					
32-200/30				155	264	180	198	60	15			160					640					
32-200/40																						
32-250/55																						
32-250/75																						
40-125/11	40	65	80	255	127	140	45		112	100	70	210	160		218	282	489	95				
40-125/15				238	127	168	48	12	132			240	190		249	330	494	105				
40-125/22												264	212	15	275	370	553					
40-160/30				100	259	180	180	50				160					583					
40-160/40																		110				
40-200/55																						
40-200/75																						
50-125/22			50	65	100	262	127	160	50				132	100	70	240	190		243	322	518	110
50-125/30						262	180	180	52				160						272	370	556	
50-125/40													586									
50-160/55																						
50-160/75																						
65-125/40	65	80				100	265	180	180	68	14	160	125			95	280	212		283	372	564
65-125/55															594							
65-125/75																						

Installation Sketch

From 7.5 kW



MODEL	DNM	DNA	a	w	x	h2	B1	C	C1	h1	m	m1	n	n1	s	B	H	L	K
40-250/92	40	65	100	310	260	225	65	20	20	180	260	210	320	254		350	440	845	110
40-250/110				310	260	225	65	20	20	180	260	210	320	254		350	440	845	110
40-250/150				310	260	225	65	20	20	180	260	210	320	254		350	440	845	110
50-200/92	50	65	100	310	260	200	65	20	-	160	260	210	320	254	14.5	350	420	845	120
50-200/110				310	260	200	65	20	-	160	260	210	320	254	14.5	350	420	845	120
50-250/150				323	275	225	70	25	-	180	304	254	355	279	14.5	440	895	925	110
50-250/185				323	275	225	70	25	-	180	304	254	355	279	14.5	440	895	925	110
50-250/220				323	275	225	70	25	-	180	304	254	355	279	14.5	440	895	925	110
65-160/92				310	260	200	65	20	-	160	260	210	320	254	14.5	350	420	845	125
65-160/110				310	260	200	65	20	-	160	260	210	320	254	14.5	350	420	845	125
65-160/150				310	260	200	65	20	-	160	260	210	320	254	14.5	350	420	845	125
65-200/150				310	260	200	65	20	-	160	260	210	320	254	14.5	350	420	845	125
65-200/185				310	260	200	65	20	-	160	260	210	320	254	14.5	350	420	845	125
65-200/220	65	80	100	323	275	225	70	22	-	180	311	241	355	279	18.5	455	925	956	125
65-200K/185				337	260	225	65	20	20	180	304	254	320	254	18.5	455	925	956	125
65-200K/220				350	275	225	70	22	-	180	304	254	320	254	18.5	455	925	956	125
65-200K/300				362	305	250	70	22	-	180	311	241	355	279	18.5	455	925	956	125
65-250/220				353	275	250	70	22	-	180	311	241	355	279	18.5	455	925	956	125
65-250/300				365	305	250	70	22	-	180	311	241	355	279	18.5	455	925	956	125
65-250/370				365	305	250	70	22	-	180	311	241	355	279	18.5	455	925	956	125
80-160/110				315	260	225	65	20	-	160	260	210	320	254	14.5	350	420	870	130
80-160/150				315	260	225	65	20	-	160	260	210	320	254	14.5	350	420	870	130
80-160/185				352	275	250	70	25	-	180	311	241	355	279	18.5	455	925	956	125
80-200/220	80	100	125	352	275	250	70	25	-	180	311	241	355	279	18.5	455	925	956	125
80-200/300				365	305	280	75	28	-	180	311	241	355	279	18.5	455	925	956	125
80-250/370				365	305	280	75	28	-	180	311	241	355	279	18.5	455	925	956	125
80-250/450				381	330	280	80	30	30	280	404	311	435	356	18.5	450	555	1098	120
80-250/550				433	365		80	30	30	280	450	349	490	406	24	550	646	1192	120