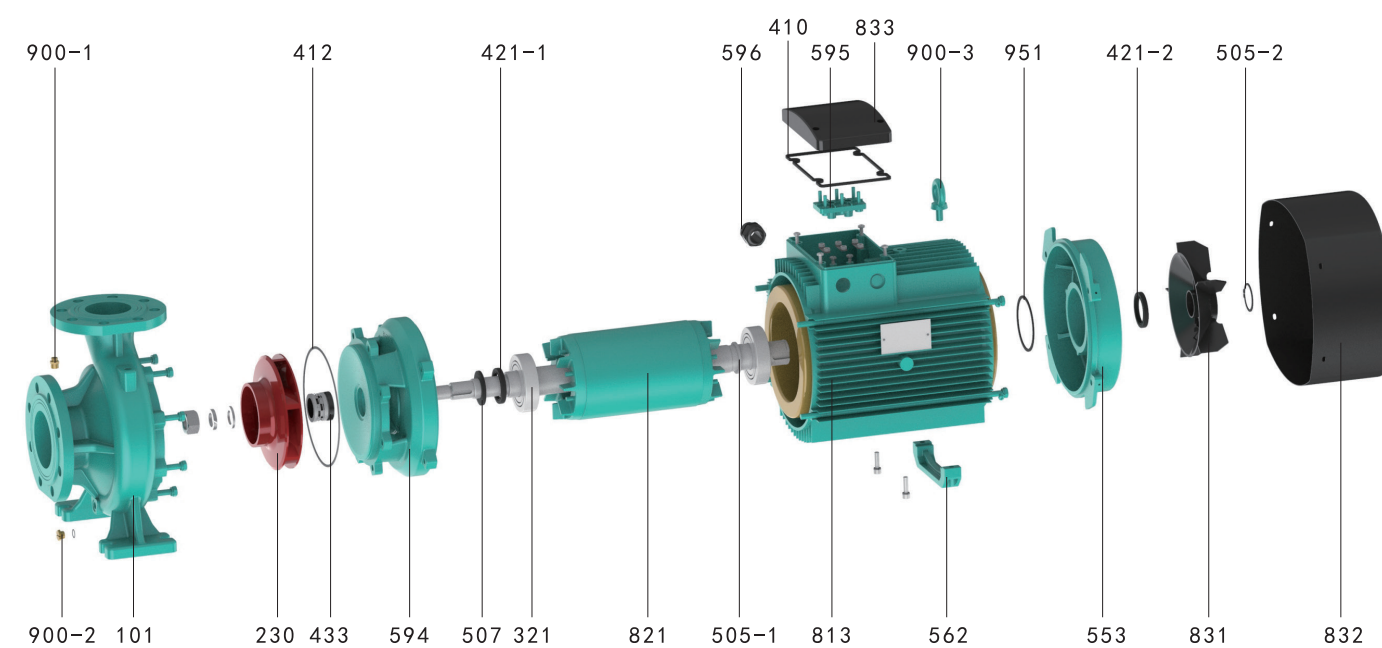


● Components & Materials



No.	Part name	No.	Part name	No.	Part name	No.	Part name	No.	Part name
101	Pump body	421-1	Framework oil seal	507	Washer	596	Cable lock head	833	Junction box
230	Impeller	421-2	Framework oil seal	553	End cap	813	Stator	951	Wave spring
321	Bearing	433	Mechanical seal	562	Footing	821	Rotor	900-1	Vent cock
410	Rubber blanket	505-1	Check ring	594	Coupling	831	Fan	900-2	Vent cock
412	O-ring	505-2	Check ring	595	Terminal	832	Fan housing	900-3	Lifting bolt

● Packing Sizes & Weight

Model	net weight(kg)	Gross weight(kg)	Packaging box dimensions LxWxH(mm)
SGT32-160/1.5	32	35	490*285*355
SGT32-160/2.2	37	40	520*385*355
SGT32-160/3	40	43	565*275*390
SGT32-200/3	44	49	560*325*440
SGT32-200/4	52	57	590*325*440
SGT32-200/5.5	63.5	68.5	610*325*440
SGT32-200/7.5	74	79	660*325*440
SGT40-125/1.5	31	34	490*255*315
SGT40-125/2.2	37	40	520*255*315
SGT40-160/3	43	48	565*275*390
SGT40-160/4	51	56	590*275*390
SGT40-200/5.5	61	66	630*300*440
SGT40-200/7.5	73.5	83.5	680*300*440
SGT50-125/2.2	39	41	590*275*390
SGT50-125/3	43	48	590*275*390
SGT50-125/4	51	56	610*325*440
SGT50-160/5.5	69.5	72.5	630*320*505
SGT50-160/7.5	82	90	680*320*505
SGT50-200/9.2	90	98	685*320*505
SGT50-200/11	96	110	740*360*540
SGT50-200/15	124	136	740*360*540
SGT50-250/15	128	133	740*360*540
SGT50-250/18.5	141	153	740*360*540
SGT50-250/22	155	167	815*370*525
SGT65-125/4	55	60	630*320*505
SGT65-125/5.5	66.5	71.5	630*320*505
SGT65-125/7.5	77	87	685*320*505
SGT65-160/9.2	93	105	685*320*505
SGT65-160/11	102	114	740*360*540
SGT65-160/15	129	141	740*360*540
SGT65-200/15	128	140	815*370*525
SGT65-200/18.5	142	152	815*370*525
SGT65-200/22	155	167	815*370*525
SGT65-250/22	158	168	815*370*525
SGT80-125A/7.5	75.5	84.5	700*300*450
SGT80-160/11	107	112	740*360*540
SGT80-160/15	134	139	815*370*555
SGT80-160/18.5	148	153	815*370*555
SGT80-160/22	161	173	815*370*555
SGT80-200/22	158	168	815*370*555
SGT100-160/15	140	152	815*370*555
SGT100-160/18.5	153	165	815*370*555
SGT100-160/22	167	179	815*370*525
SGT100-200/22	167	179	815*370*525

Value Proposition
Energy Saving High Reliability

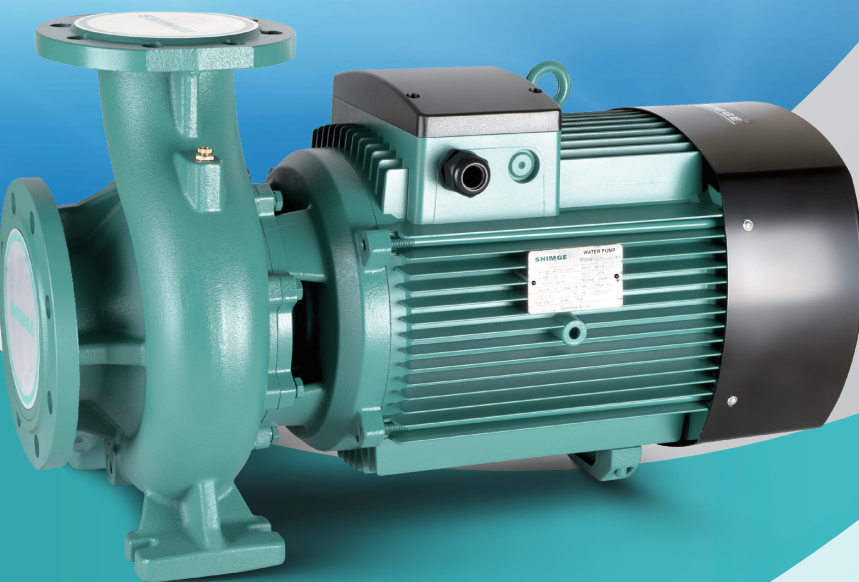


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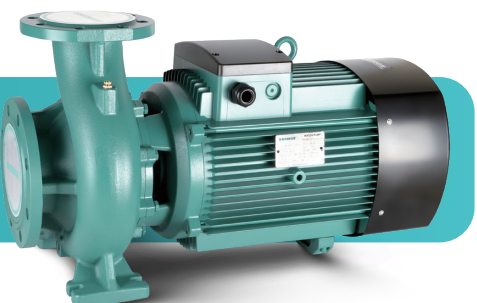
SHIMGE SGT Series High Power



SHIMGE PUMP INDUSTRY (ZHEJIANG) CO., LTD.

● Performance Range

- Maximum lift:89.5m
- Maximum flow:300m³/h



● Application Limits

- The highest water absorption height is 8m
- The maximum medium temperature does not exceed +60 ° C
- The maximum ambient temperature does not exceed +40 ° C
- Maximum working pressure: 16bar
- The voltage fluctuation value does not exceed 10% of the rated value.



● Applications Fields

It is used to transport clean water without abrasive particles and other liquids with similar properties to water. Applicable to industrial and urban water supply, high-rise building pressurization, fire protection system, aquaculture water supply and drainage, garden watering, equipment support, etc.

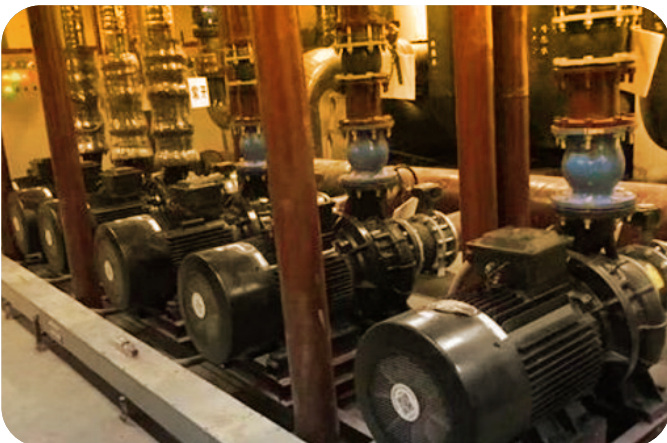
● Features

- ◆ pump body: cast iron ◆ Impeller: cast iron ◆ Axis: 45#
- ◆ Mechanical seal: silicon carbide / graphite / NBR rubber
- ◆ Motor: 2-stage asynchronous motor, copper coil, fully closed fan cooling, continuous operation
- ◆ Protection level: IPX4 ◆ 7.5KW: Class B, 7.5KW and above: Class F

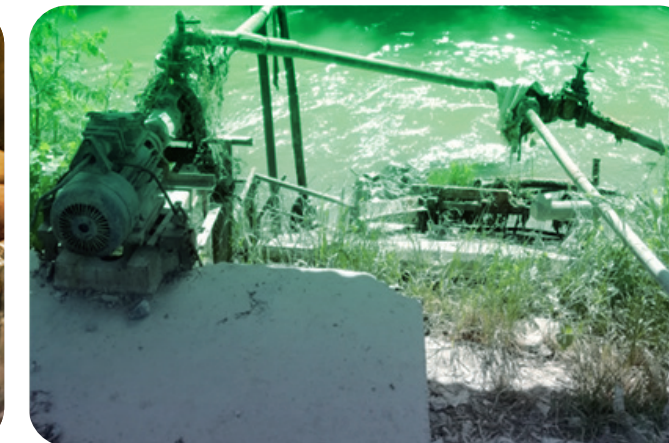
● Optional:

- F-class motor, NSK bearing, welded shaft;
- High strength design, safe and reliable (no leakage under 1.6MPa);
- Compact structure, light and easy to install (national standard 16kg flange);
- Brand new hydro design, efficient and energy-saving;
- Automation production line of the casting parts ensures stable quality and consistent appearance.
- SGT Series Large Power Centrifugal Pump

● Product application



Equipment Supporting/
High-rise Building Booster



Irrigation of farmland

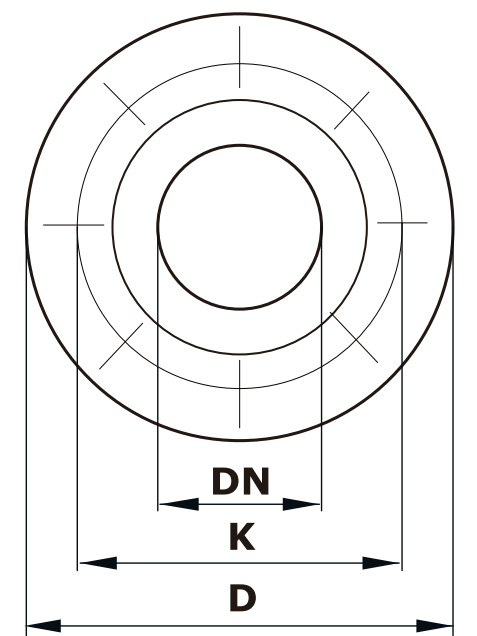


Sprinkler planting



Greenhouse planting

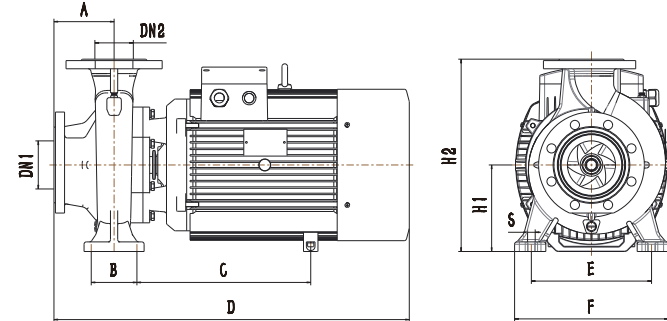
● Installation size



DN	D mm	K mm	HOLES ORIFICIOS	
			N	Φmm
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	
100	220	180		
125	250	210		

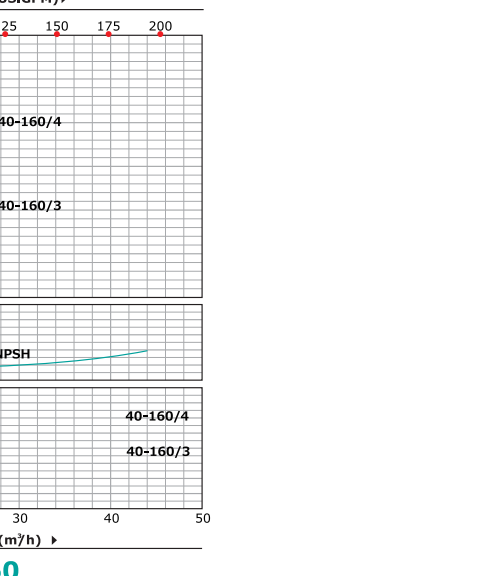
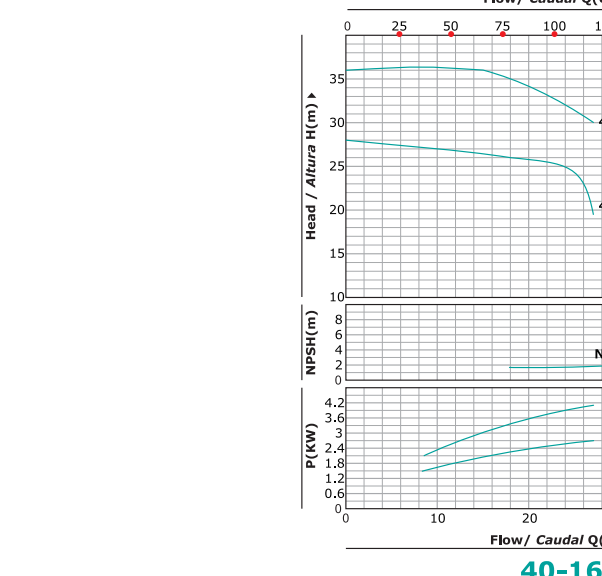
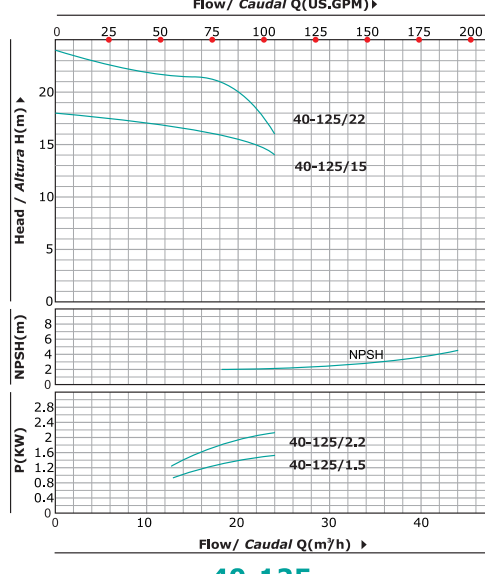
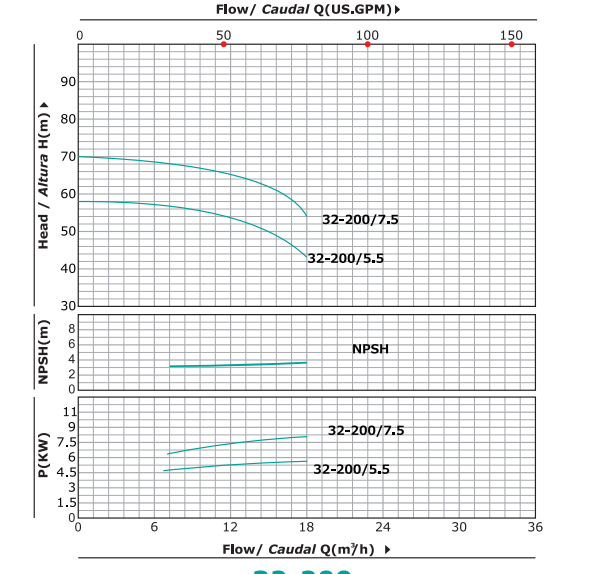
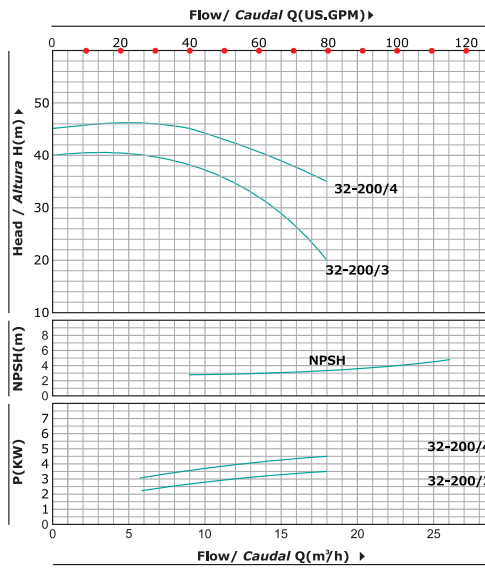
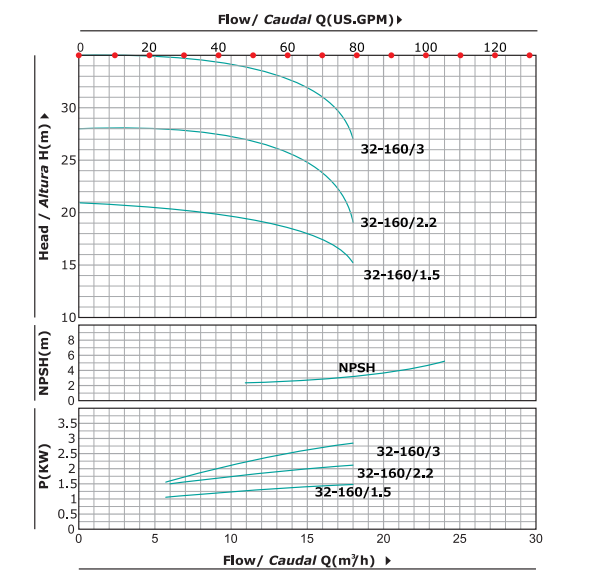
SERIES	SUCTION ASPIRACION	DISCHARGE IMPULSION	PIPE RECOMMEND TUBERIA RECOMENDADA	
SERIE	SUCTION ASPIRACION	DISCHARGE IMPULSION	SUCTION ASPIRACION	DISCHARGE IMPULSION
32	50mm	32mm	2 1/2"-3"	2"-2 1/2"
40	65mm	40mm	3"-4"	2 1/2"-3"
50	65mm	50mm	4"	3"
65	80mm	65mm	5"	4"
80	100mm	80mm	6"	5"
100	125mm	100mm	8"	6"

● Installation size

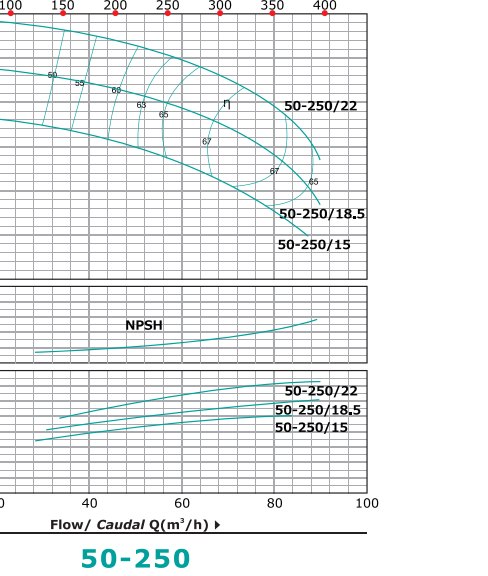
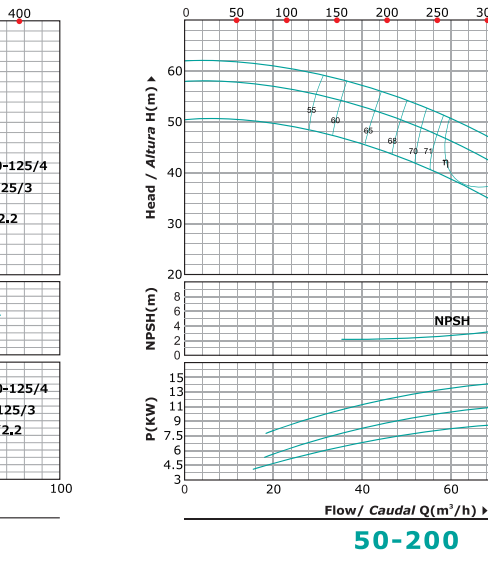
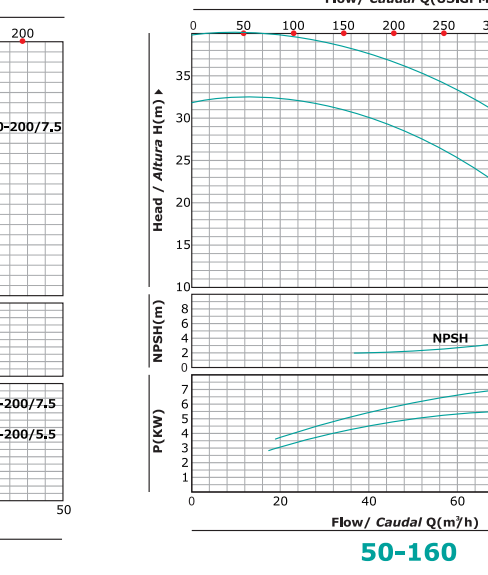
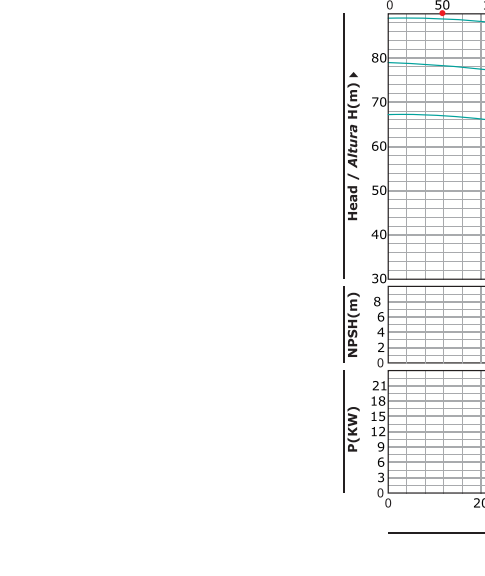
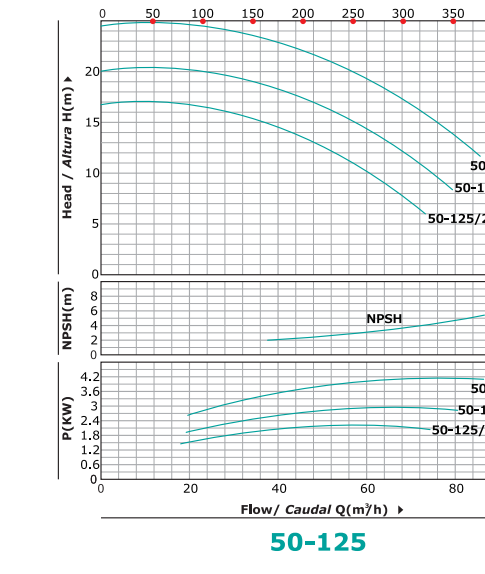
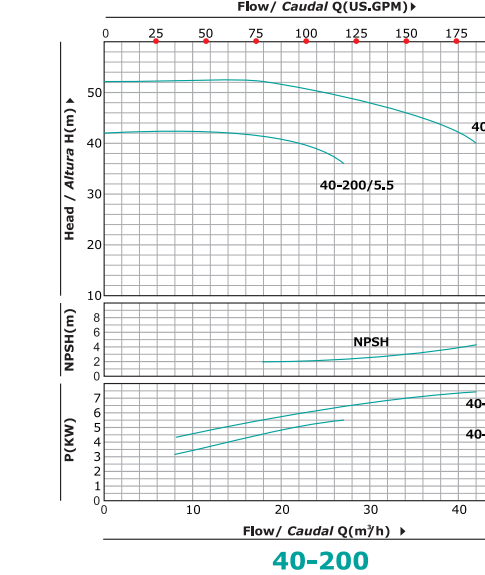


Model	DN1	DN2	A	B	C	D	E	F	S	H1	H2
SGT32-160/1.5	50	32	80	70	202	411	190	240	14	132	292
SGT32-160/2.2	50	32	80	70	210	445	190	240	14	132	292
SGT32-160/3	50	32	80	70	226	451	190	240	14	132	292
SGT32-200/3	50	32	80	70	228	453	190	240	14	160	340
SGT32-200/4	50	32	80	70	219	480	190	240	14	160	340
SGT32-200/5.5	50	32	80	70	229	500	190	240	14	160	340
SGT32-200/7.5	50	32	80	70	246	550	190	240	14	160	340
SGT40-125/1.5	65	40	80	70	202	411	160	210	14	112	252
SGT40-125/2.2	65	40	80	70	210	444.5	160	210	14	112	252
SGT40-160/3	65	40	80	70	231	456	175	210	14	126	286
SGT40-160/4	65	40	80	70	221	481.5	175	210	14	126	286
SGT40-200/5.5	65	40	100	70	226	517	215	265	14	260	340
SGT40-200/7.5	65	40	100	70	243	567	215	265	14	260	340
SGT50-125/2.2	65	50	93.5	60	241	471	168	232	14	132	305
SGT50-125/3	65	50	93.5	60	257	477	168	232	14	132	305
SGT50-125/4	65	50	93.5	60	250	505	168	232	14	132	305
SGT50-160/5.5	65	50	100	70	221	510	215	273	14	160	349
SGT50-160/7.5	65	50	100	70	240	564	215	273	14	160	349
SGT50-200/9.2	65	50	100	95	267.5	585	250	320	14	180	385
SGT50-200/11	65	50	100	95	305.5	623	250	320	14	180	385
SGT50-200/15	65	50	100	95	307.5	660	250	320	14	180	385
SGT50-250/15	65	50	100	95	307.5	660	250	320	14	180	410
SGT50-250/18.5	65	50	100	95	307.5	660	250	320	14	180	410
SGT50-250/22	65	50	100	95	351.5	704	250	320	14	180	410
SGT65-125/4	65	50	108	95	214.5	515	210	280	14	160	349
SGT65-125/5.5	65	50	108	95	222.5	536	210	280	14	160	349
SGT65-125/7.5	80	65	110	95	237.5	584	210	280	14	160	349
SGT65-160/9.2	80	65	108	95	282.5	608	215	280	14	180	370
SGT65-160/11	80	65	108	95	320.5	646	215	280	14	180	370
SGT65-160/15	80	65	108	95	322.5	683	215	316	14	180	390
SGT65-200/15	80	65	108	95	328.5	689	250	320	14	180	423
SGT65-200/18.5	80	65	108	95	328.5	689	250	320	14	180	423
SGT65-200/22	80	65	108	95	372.5	733	250	320	14	180	423
SGT65-250/22	80	65	110	95	375.5	738	250	320	14	180	415
SGT80-125A/7.5	100	80	100	70	248	572	215	265	14	160	340
SGT80-160/11	100	80	125	95	320.5	663	250	326	14	180	420
SGT80-160/15	100	80	125	95	322.5	700	250	326	14	180	420
SGT80-160/18.5	100	80	125	95	322.5	700	250	326	14	180	420
SGT80-160/22	100	80	125	95	366.5	744	250	326	14	180	420
SGT80-200/22	100	80	125	95	361.5	739	250	320	14	180	400
SGT100-160/15	125	100	125	95	323.5	701	250	336	14	180	433
SGT100-160/18.5	125	100	125	95	323.5	701	250	336	14	180	433
SGT100-160/22	125	100	125	95	367.5	745	250	336	14	180	433
SGT100-200/22	125	100	125	95	367.5	745	250	336	14	180	433

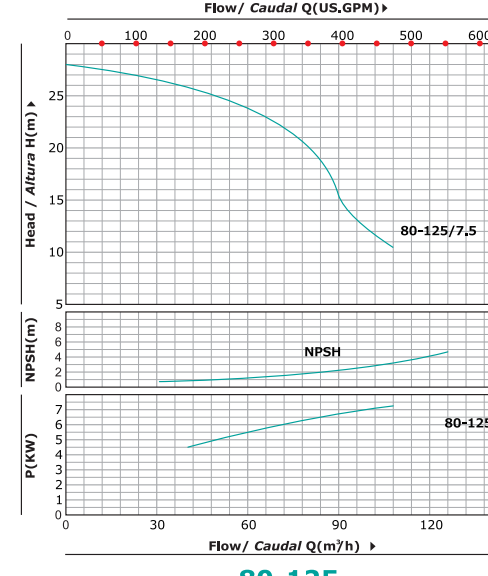
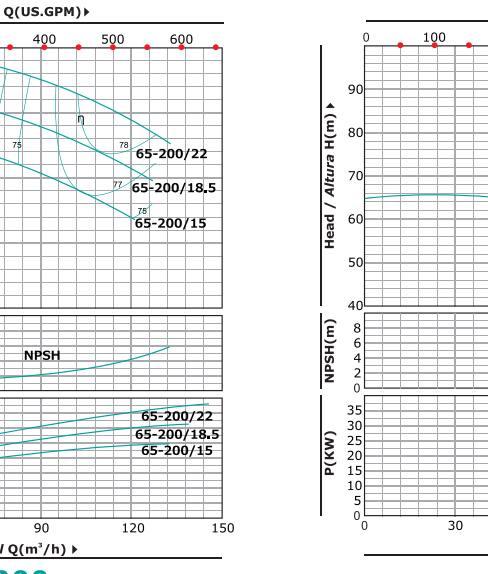
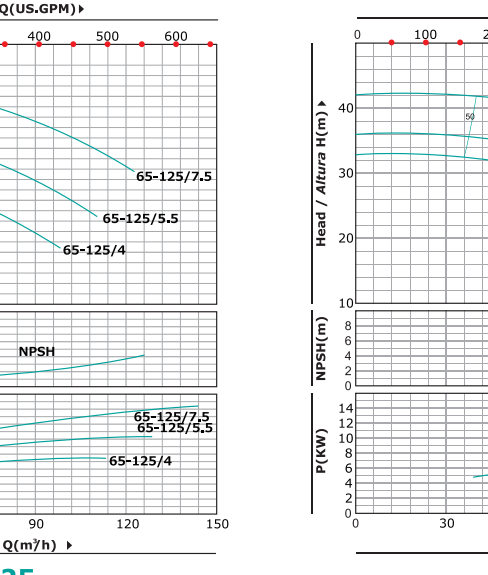
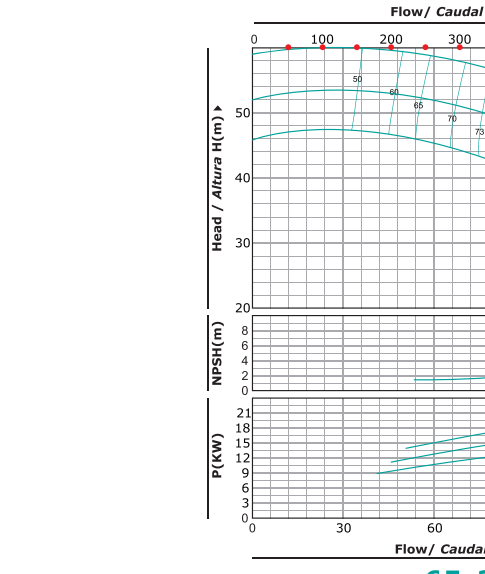
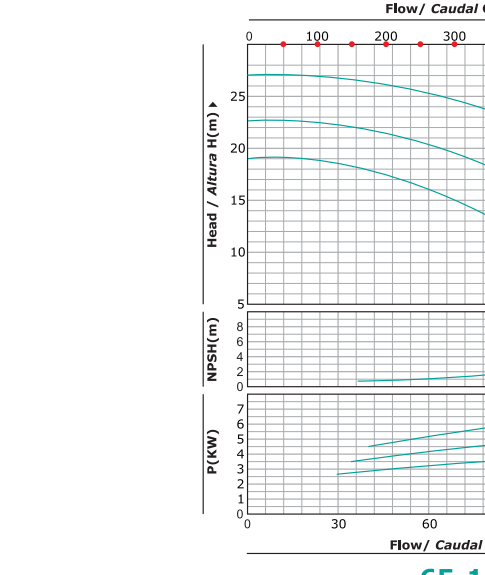
● Performance Curve



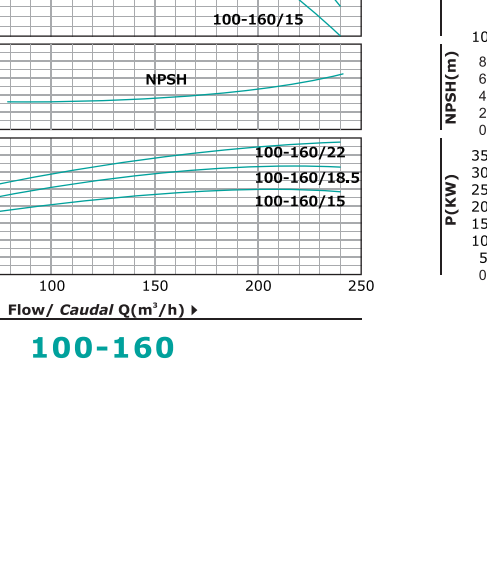
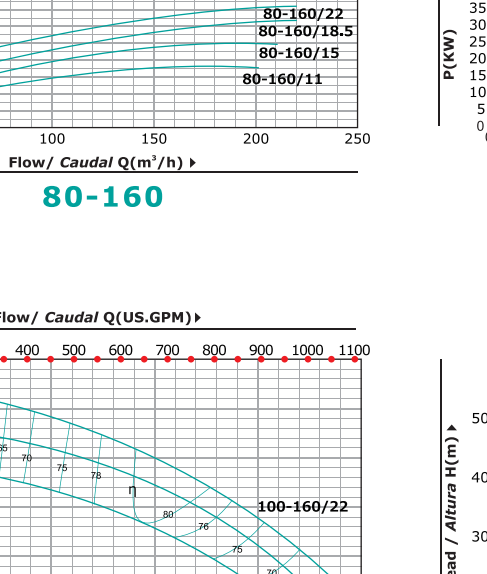
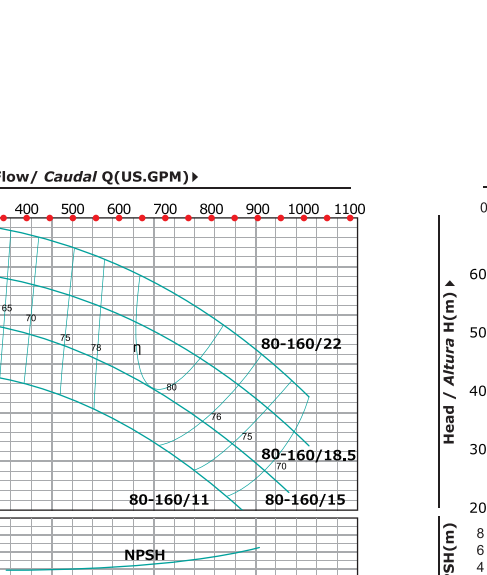
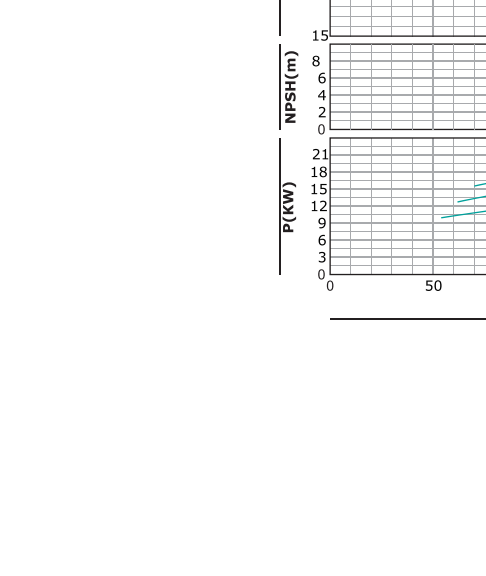
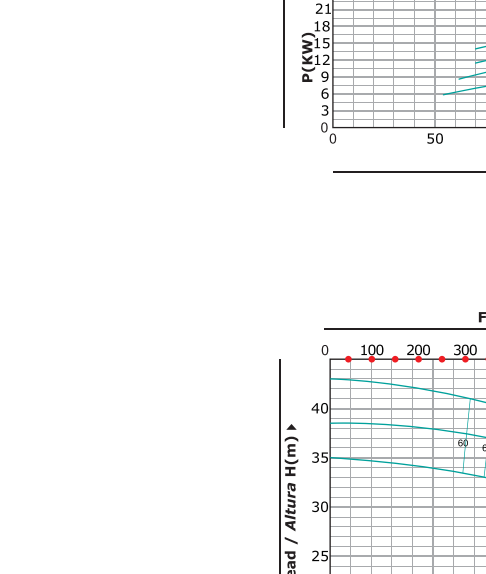
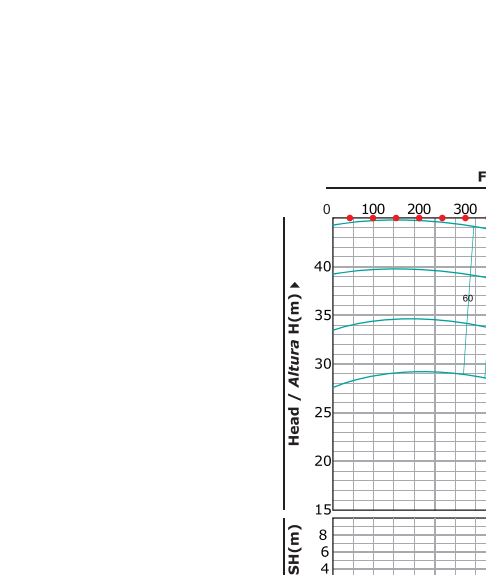
● Performance Curve



● Performance Curve



● Performance Curve



● Performance Table

Model	power kW	power HP	Rated point m³/h	Caliber m	l/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000
SGT32-160/1.5	1.5	2	15	18	50x32	21	20	18	16.5														
SGT32-160/2.2	2.2	3	15	25	50x32	28	27.5	25	19														
SGT32-160/3	3	4	15	32	50x32	35	34.5	32	27														
SGT32-200/3	3	4	13	30	50x32	40	38	29	20														
SGT32-200/4	4	5.5	15	38	50x32	45	45	38	35														
SGT32-200/5.5	5.5	7.5	15	50	50x32	58	56	50	43														
SGT32-200/7.5	7.5	10	15	62	50x32	70	67	62	54														
SGT40-125/1.5	1.5	2	20	15	65x40	18	17	16.5	16	14													
SGT40-125/2.2	2.2	3	20	20	65x40	24	22	21.5	21	16													
SGT40-160/3	3	4	25	24	65x40	28	27	26.5	26	19.5													
SGT40-160/4	4	5.5	25	32	65x40	36	36	35	32.5	30													
SGT40-200/5.5	5.5	7.5	25	38	65x40	42	42	41	38.5	36	24												
SGT40-200/7.5	7.5	10	25	48	65x40	52	52	52	49	48	46	40											
SGT50-125/2.2	2.2	3	50	12	65x50	17						15.4	14	12.8	11.5	6.5							
SGT50-125/3	3	4	55	15	65x50	20						18.8	18	17	15.6	11							
SGT50-125/4	4	5.5	60	18	65x50	24						23.1	23	21.5	20.3	15.8	11.8						
SGT50-160/5.5	5.5	7.5	50	27	65x50	32						30.6	30	28	26.6	20.5	14.8						
SGT50-160/7.5	7.5	10	60	28	65x50	40						38	36	34	30	26	21						
SGT50-200/9.2	9.2	12.5	48	43	65x50	50.5						46.8	45	43	40.9	32.5	26.7						
SGT50-200/11	11	15	60	45	65x50	57.5						53.5	52	50	47.5	40	34	29					
SGT50-200/15	15	20	65	50	65x50	62						58	56.5	54.5	52	44.5	39	35.5					
SGT50-250/15	15	20	50	60	65x50	68.5						64	63	61.5	59	50	41						
SGT50-250/18.5	18.5	25	55	70	65x50	79						75.8	74.8	74	71.5	63.5	55.5	47					
SGT50-250/22	22	30	60	75	65x50	89.5						86	85.3	84	81.5	73.5	65.5	57					
SGT65-125/4	4	5.5	62	16	80x65	19						17.3	16.8	14.5	13	11.8							
SGT65-125/5.5	5.5	7.5	74	19	80x65	23						21.3	20.9	19	17.5	16.7	13.7						
SGT65-125/7.5	7.5	10	85	20	80x65	27						26	25	23	20	19	18	16					
SGT65-160/9.2	9.2	12.5	72	30	80x65	33						31.5	30	28	27.1	24	21.5						
SGT65-160/11	11	15	74	33	80x65	36						34.5	33	31.5	30.8	28	25.5						
SGT65-160/15	15	20	85	38	80x65	42						41	40	38.5	37.8	35	33	29.5					
SGT65-200/15	15	20	62	44	80x65	45						45.5	43	41	40.2	36.5	34						
SGT65-200/18.5	18.5	25	74	50	80x65	52						52.3	51	49	48.2	44.5	42						
SGT65-200/22	22	30	85	54	80x65	59						59.5	58	56	55	52	49.5	44.5					
SGT65-250/22	22	30	84	60	80x65	64.8						64.7	62	60	58.5	53	50						
SGT80-125A/7.5	7.5	10	85	18	100x80	28						25	24.5	22	19	16.5	10.5						
SGT80-160/11	11	15	130	22.5	100x80	27	27	27.3	24.5	21.1	16												
SGT80-160/15	15	20	145	27	100x80	32.8	32.6	32.5	30	27	22.1	18.5	16.7										
SGT80-160/18.5	18.5	25	160	31	100x80	39	38.5	38	35	33.6	28.8												