



VA-MA[®]
various advanced manufacturing applications

TECHNICAL CATALOGUE

Stainless steel

(CA)

MADE IN ITALY



Stainless steel Pumps

CA-TYPE

- **CA 50-32**
- **CA 65-40**
- **CA 65-50**
- **CA 80-65**
- **CA 100-80**
- **CA 125-100**
- **CA 150-125**



MADE IN ITALY



CA

Description & Applications:

The CA Series is a horizontal, single-stage centrifugal pump featuring a closed impeller and advanced hydraulic bulge technology for superior performance and durability. Designed with a compact structure and a highly efficient spiral volute casing, this pump ensures reliable and stable operation.

All wetted components are manufactured from high-quality stainless steel AISI 304 or AISI 316, guaranteeing maximum hygiene standards and exceptional corrosion resistance, making it ideal for demanding applications.

The pump is engineered for easy maintenance, allowing the motor to be removed without dismantling the pump casing or disconnecting the pipeline, significantly reducing downtime and service costs.

Applications: Suitable for domestic, agricultural, and industrial use, including:

Water supply systems

Air conditioning systems

Pressure boosting

Firefighting systems

Heating systems

And other fluid transfer applications

The CA Series combines efficiency, durability, and ease of maintenance — delivering dependable performance across a wide range of applications.



Main Features:

- Flow rate up to 7500 l/min
- Head up to 75 m
- Max water temperature up to 104 °C
- Ambient temperature up to 50 °C

Component Construction:

- Pump body : Stainless steel AISI 304 / 316
- Pump bracket : Aluminum
- Impeller : Stainless steel AISI 304 / 316
- Pump shaft : Stainless steel AISI 316
- Mechanical seal : Graphite / Silicon

Motor:

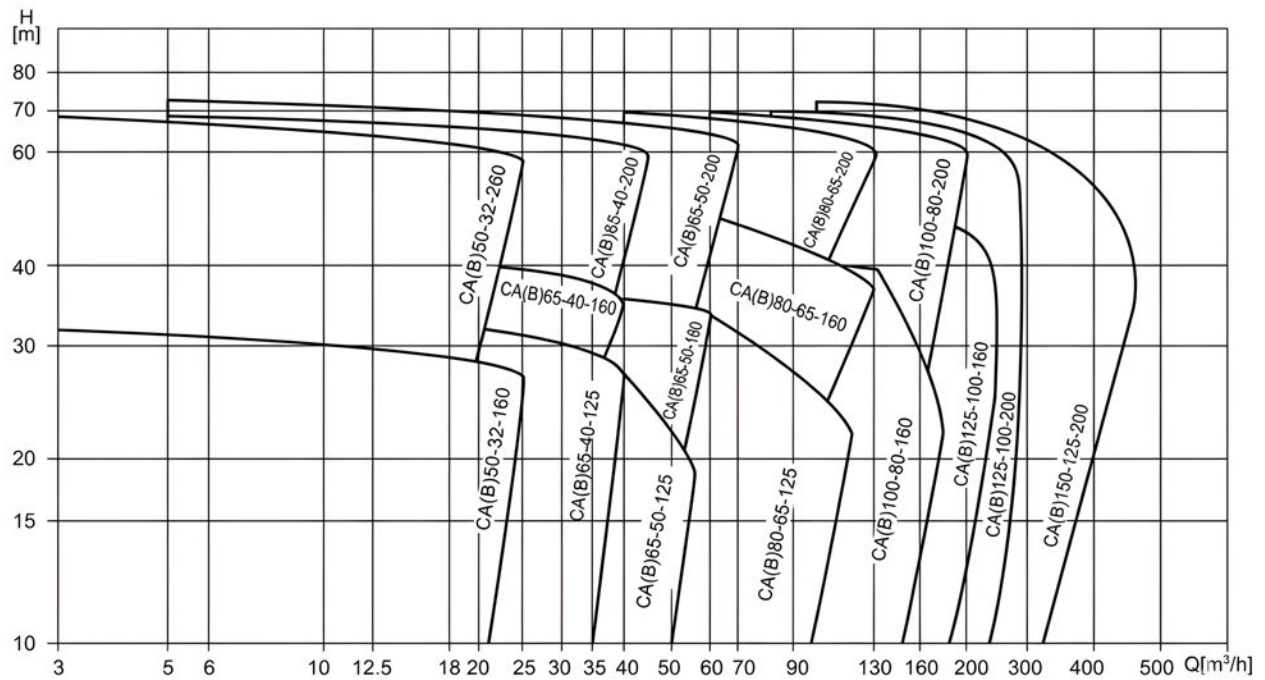
- Two-pole induction motor (n=2900 r.p.m)
- External cooling
- Insulation class F
- Protection degree IP55
- Single phase 220V/50Hz (Thermal protection)
- Three phase 380V/50Hz
- Continuous service S1



CA

PERFORMANCE RANGE:

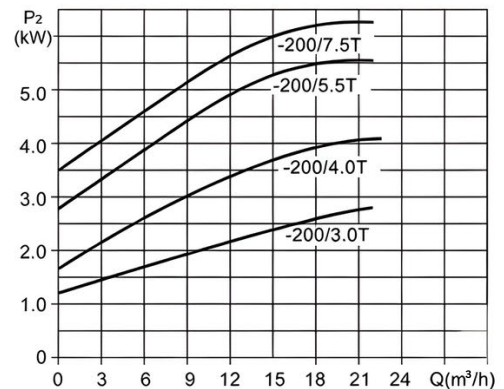
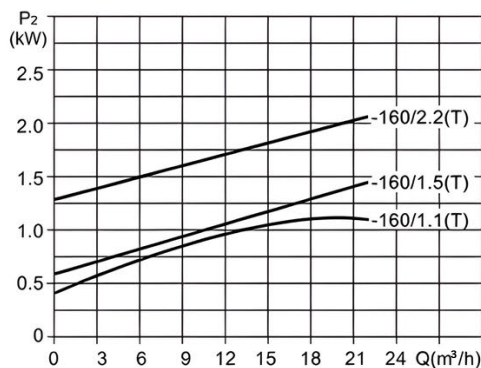
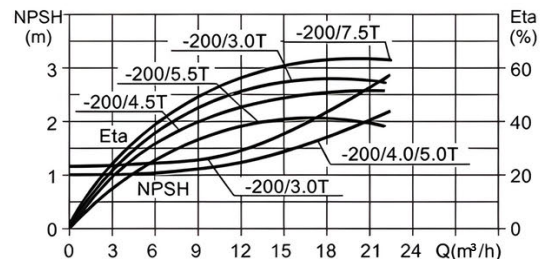
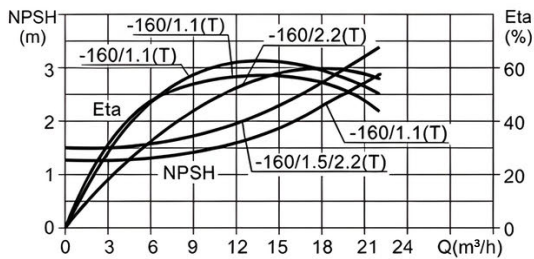
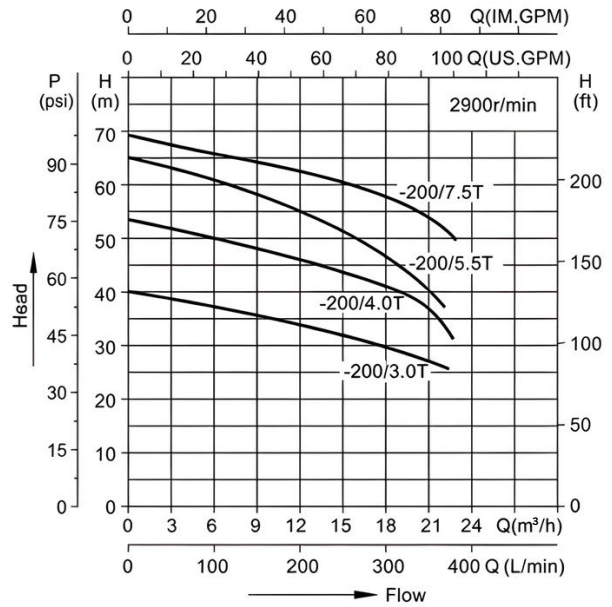
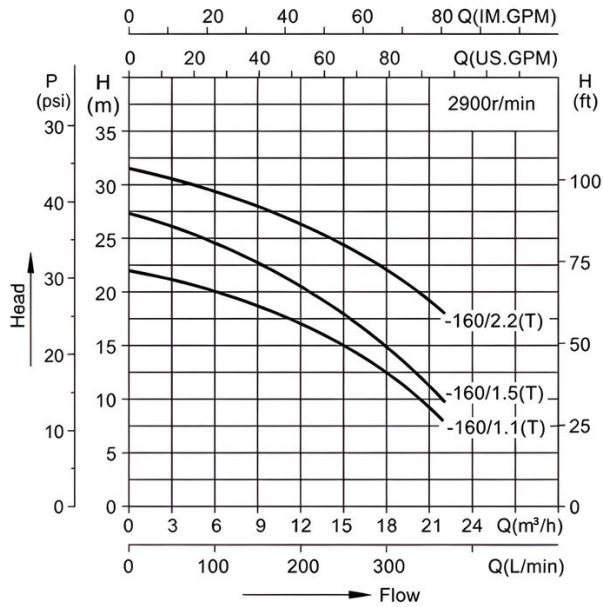
CA/CAB





CA 50-32

SPECIFICATIONS:



CA 50-32

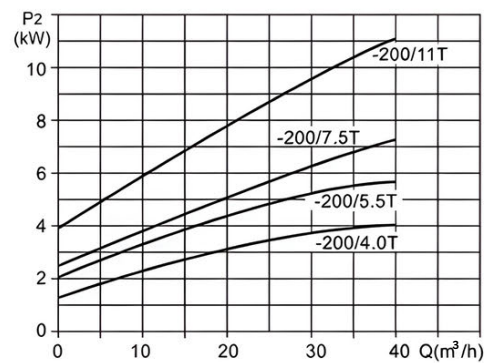
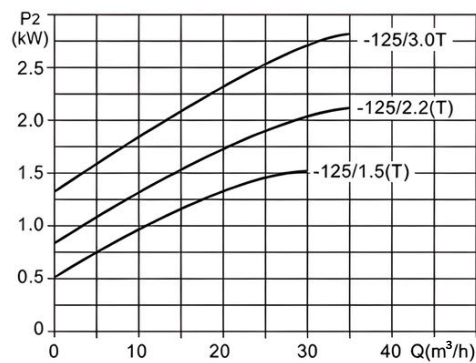
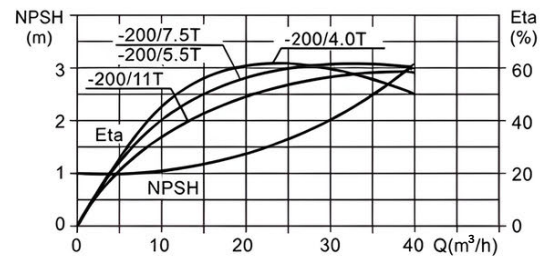
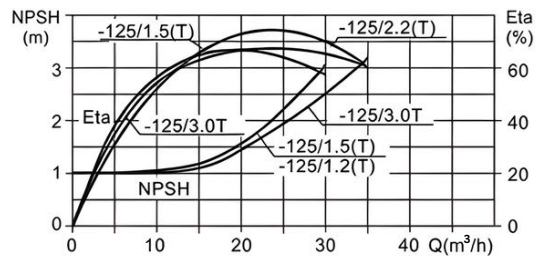
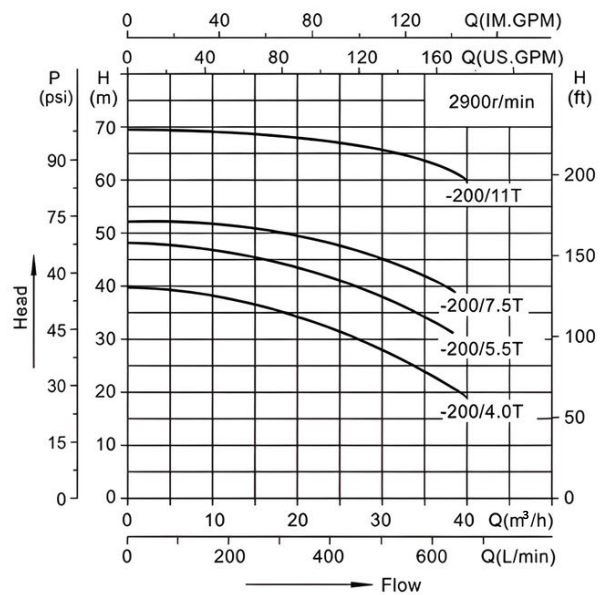
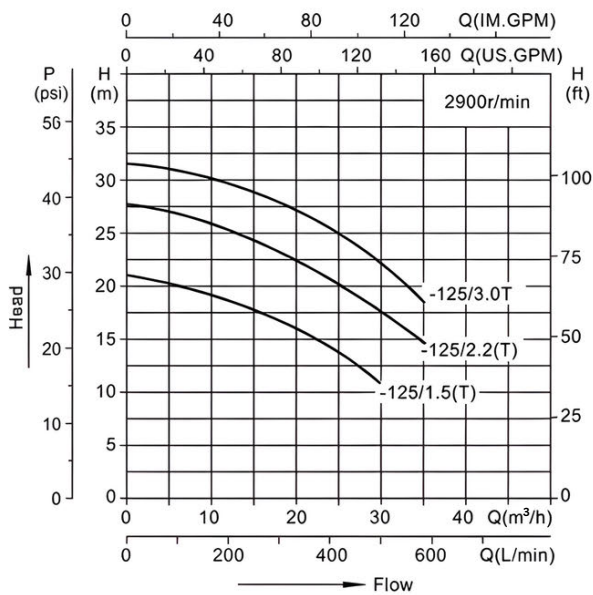
SPECIFICATIONS:

Type	P2		Ampere		Flow Rate (Q)									
			1~ 230V-50Hz	3~ 380V-50Hz	l/min	0	50	100	150	210	250	300	335	365
					m³/hr	0	3	6	9	12.5	15	18	20	22
	KW	HP	Head (H)											
CA 50-32-160/1.1(T)	1.1	1.5	7.0	2.6	m	22	21	20	18.5	16.5	15	12.5	10	8
CA 50-32-160/1.5(T)	1.5	2.0	9.2	3.5		27.5	26	24.5	22.5	20	18.5	15	12.5	9.5
CA 50-32-160/2.2(T)	2.2	3.0	14	4.9		31	30.5	29.5	27.5	26	24	22.5	20.5	18
CA 50-32-200/3.0T	3.0	4.0	–	6.3		40	38	37	35	34	32	30	28	26
CA 50-32-200/4.0T	4.0	5.5	–	9.6		54	51.5	50	48	45	43	41	39	30
CA 50-32-200/5.5T	5.5	7.5	–	11.1		65	62	60	58	54	52	47	42	37
CA 50-32-200/7.5T	7.5	10	–	14.9		69	68	66	64	62.5	62	60	58	57



CA 65-40

SPECIFICATIONS:



CA 65-40

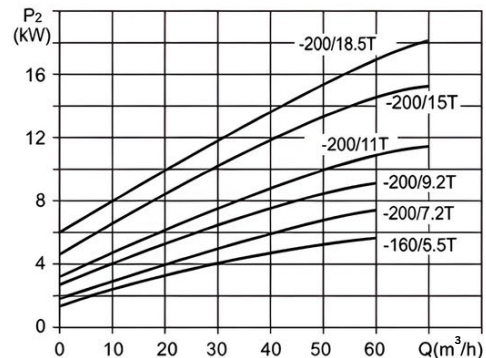
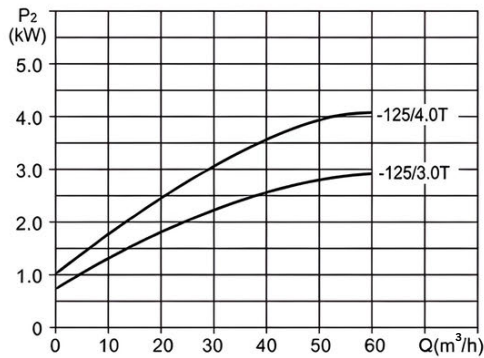
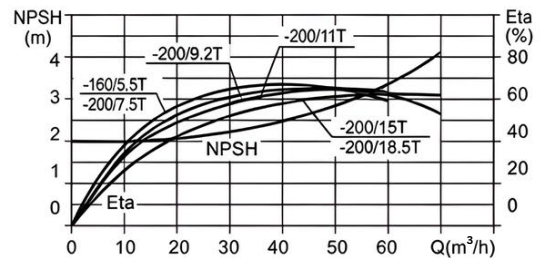
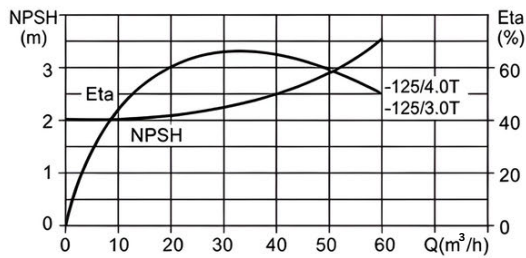
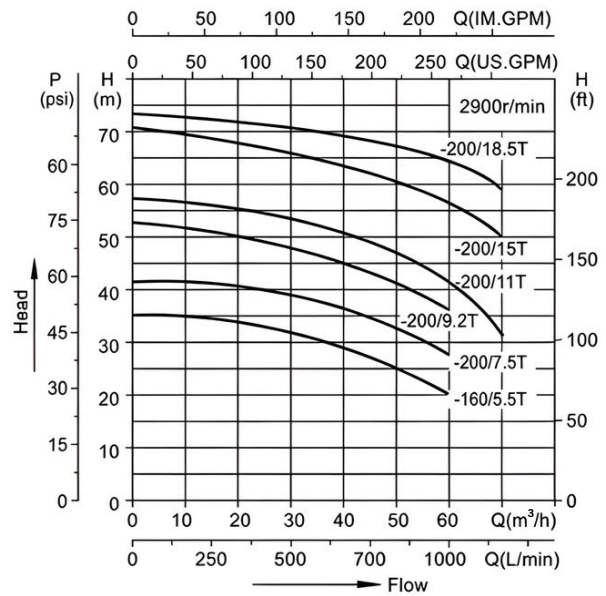
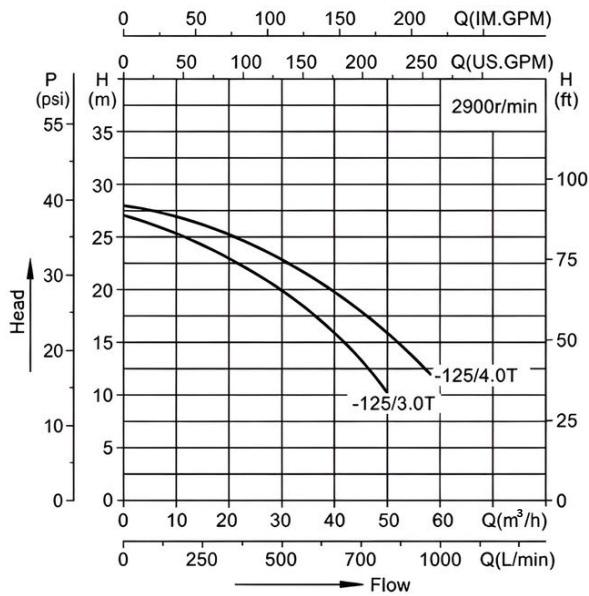
SPECIFICATIONS:

Type	P2		Ampere		Flow Rate (Q)									
			1~230V-50Hz	3~380V-50Hz	l/min	0	85	165	250	335	415	500	580	665
					m³/hr	0	5	10	15	20	25	30	35	40
	KW	HP	Head (H)											
CA 65-40-125/1.5(T)	1.5	2	9.2	3.5	m	21	20	19	17.5	16	13	10.5	-	-
CA 65-40-125/2.2(T)	2.2	3	14	4.9		27.5	27	26	24	22	20	17	14	-
CA 65-40-125/3.0T	3.0	4.0	-	6.3		31.5	31	30	29	27	25	22	18	-
CA 65-40-160/4.0T	4.0	5.5	-	9.6		40	39	38	36.5	34	31	28	24	19
CA 65-40-200/5.5T	5.5	7.5	-	11.1		48	47	46	45.5	44	41	38	34	30
CA 65-40-200/7.5T	7.5	10	-	14.9		52	52	51.5	51	50	48	45	42	38
CA 65-40-200/11T	11	15	-	21.2		70	69	69	68.5	68	68	66	64	60



CA 65-50

SPECIFICATIONS:



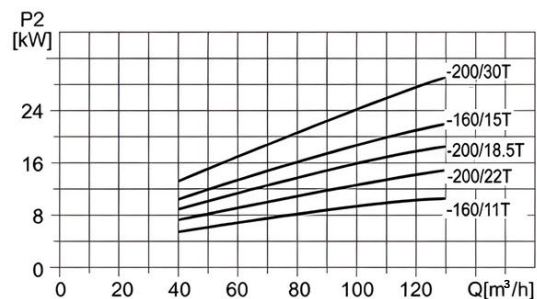
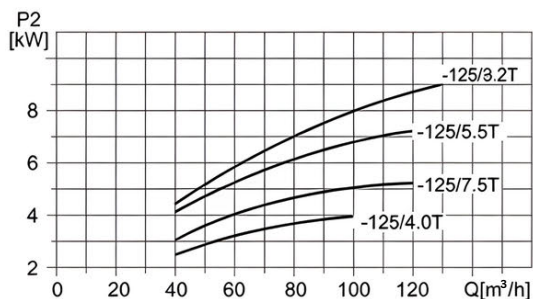
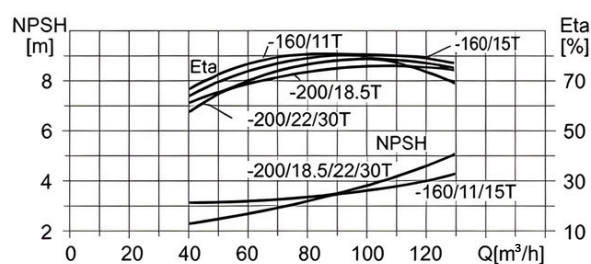
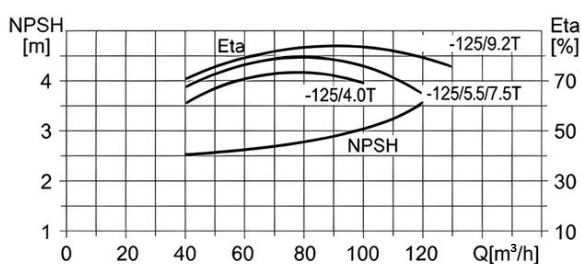
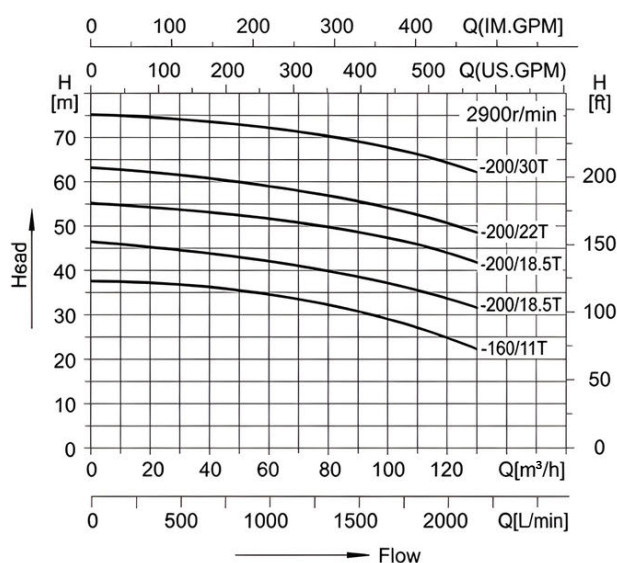
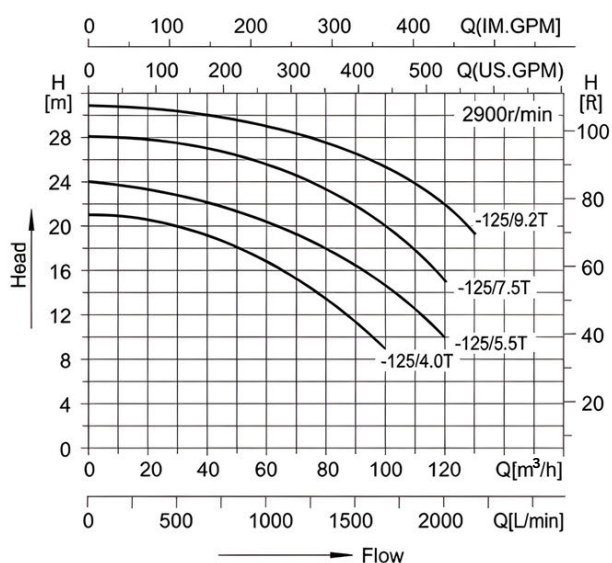
CA 65-50

SPECIFICATIONS:

Type	P2		Ampere		Flow Rate (Q)									
			3~ 380V- 50Hz	3~ 380/66V- 50Hz	l/min	0	85	165	335	500	665	833	1000	1165
					m³/hr	0	5	10	20	30	40	50	60	70
	KW	HP	Head (H)											
CA 65-50-125/3T	3.0	4	6.3	3.7	m	27.5	27	26	23	20	16	10	—	—
CA 65-50-125/4.0T	4.0	5.5	9.6	4.7		28	28	26	26	24	21	16	—	—
CA 65-50-160/5.5T	5.5	7.5	11.1	6.4		35	34.5	34.5	34	31.5	28.5	24	20	—
CA 65-50-200/7.5T	7.5	10	14.9	8.6		41	41	41	40.5	39	36	32	27.5	—
CA 65-50-200/9.2T	9.2	12.5	18.3	10.2		53	52	52	51	49	45	41	37	—
CA 65-50-200/11T	11	15	21.2	12.2		57	57	56	55	53	51	48	42	30
CA 65-50-200/15T	15	20	28.6	16.5		70	69	68	67	65	64	62	57	50
CA 65-50-200/18.5T	18.5	25	34.7	20		73.5	73	72	71	70	69	68	65	59

CA 80-65

SPECIFICATIONS:



CA 80-65

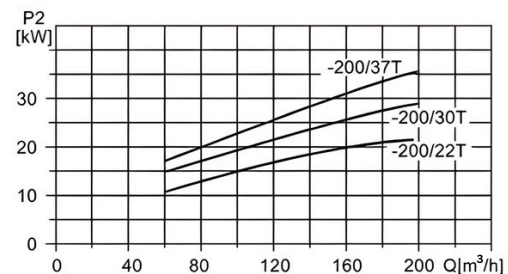
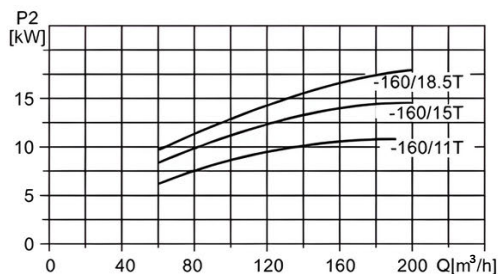
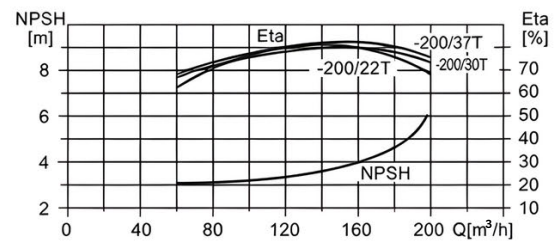
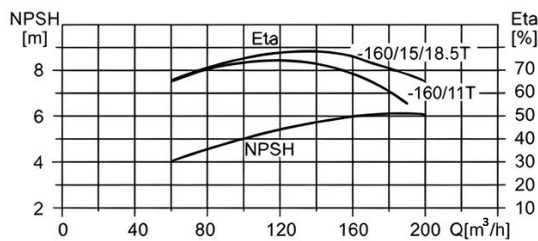
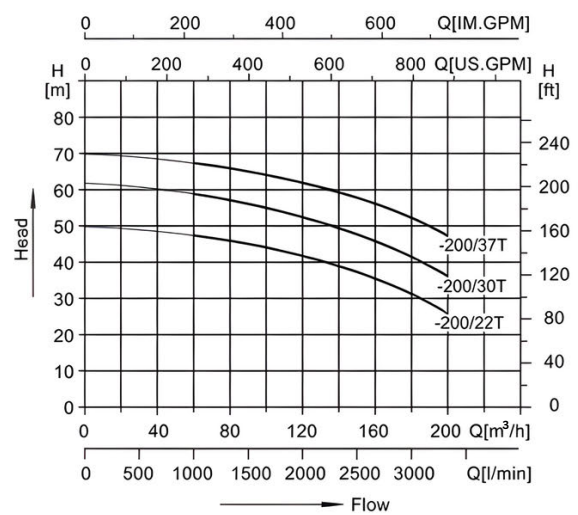
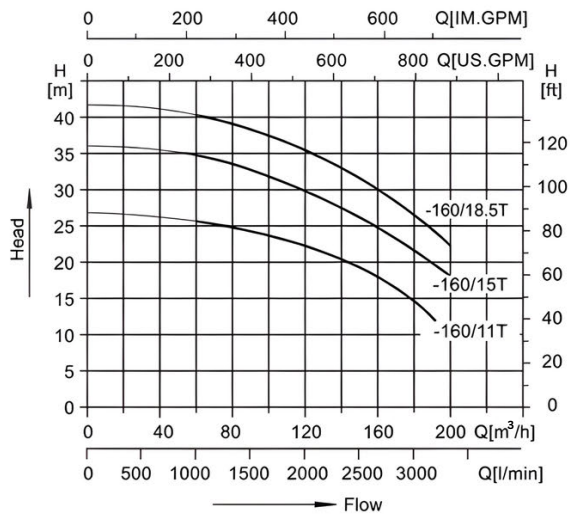
SPECIFICATIONS:

Type	P2		Ampere		Flow Rate (Q)											
			3~ 380V- 50Hz	3~ 380/660V -50Hz	l/min	0	665	830	1000	1165	1330	1495	1660	1825	2000	2155
					m³/hr	0	40	50	60	70	80	90	100	110	120	130
	KW	HP	Head (H)													
CA80-65-125/4T	4.0	5.5	9.6	4.7	m	21	19	18	17	15	13	11	9	-	-	-
CA80-65-125/5.5T	5.5	7.5	11.1	6.4		24	22	21	20	19	18	17	13	12	10	-
CA80-65-125/7.5T	7.5	10	14.9	8.6		28	27	26	25	24	23	22	19	18	15	-
CA80-65-125/9.2T	9.2	12.5	18.3	10.2		31	30	29	29	28	27	26	23	22	21	19
CA80-65-160/11T	11	15	21.2	12.2		37.5	36	35	34	33	32	31	30	27	25	22
CA80-65-160/15T	15	20	28.6	16.5		47	44	43	42	400	39	38	37	36	34	32
CA80-65-200/18.5T	18.5	25	34.7	20		55	53	52	51	50	49	48	47	45	44	41
CA80-65-200/22T	22	30	41.0	25		64	60	59	58	57	56	51	50	48	44	41
CA80-65-200/30T	30	40	55.4	35		75	72	72	71	70	69	65	62	61	60	59



CA 100-80

SPECIFICATIONS:



CA 100-80

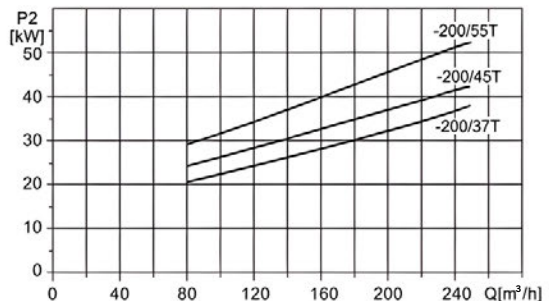
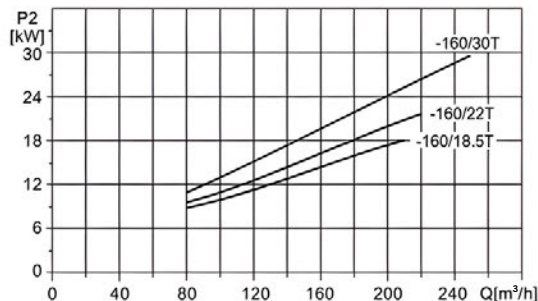
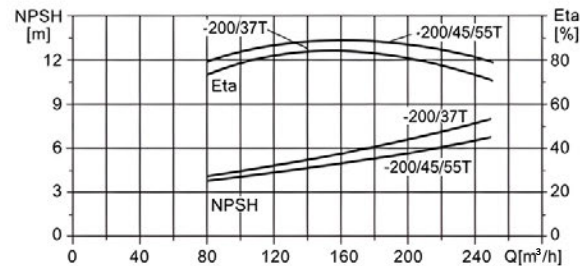
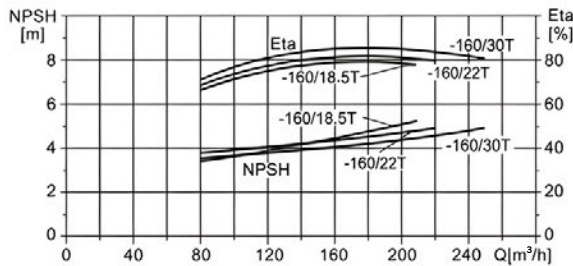
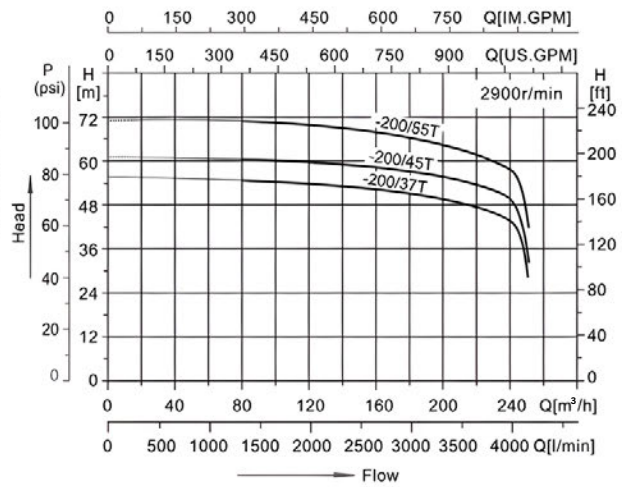
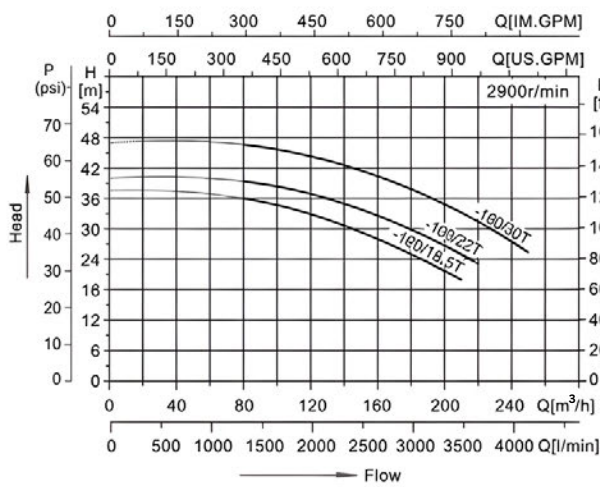
SPECIFICATIONS:

Type	P2		Ampere		Flow Rate (Q)										
			3~ 380V- 50Hz	3~ 380/660 V-50Hz	l/min	0	1000	1330	1660	2000	2335	2660	3000	3200	3330
					m³/hr	0	60	80	100	120	140	160	180	192	200
	KW	HP	Head (H)												
CA100-80-160/11T	11	15	21.2	12.2	m	27	26	25	23	22	20	15	14	11	–
CA100-80-160/15T	15	20	28.6	16.5		36	35	33	31	29	27	22	21	20	18
CA100-80-160/18.5T	18.5	25	34.7	20		42	38	37	36	35	33	28	27	25	22
CA100-80-200/22T	22	30	41.0	25		50	46	44	42	40	38	36	31	29	26
CA100-80-200/30T	30	40	55.4	35		61	57	56	55	53	50	45	44	42	39
CA100-80-200/37T	37	50	67.9	37		70	66	65	63	61	59	54	53	51	48



CA 125-100

SPECIFICATIONS:



CA 125-100

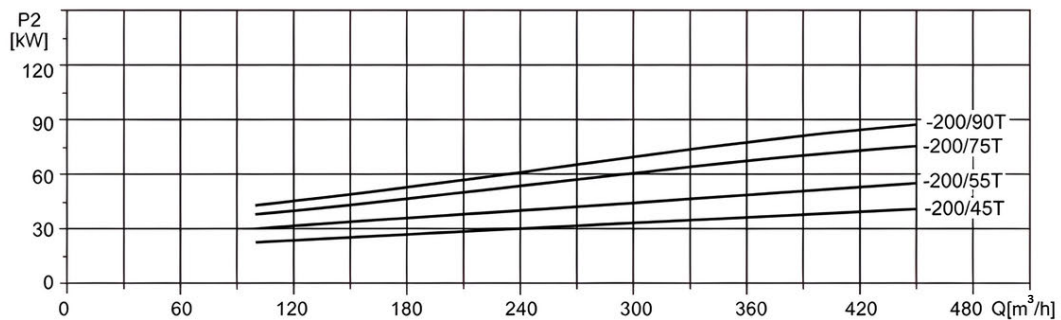
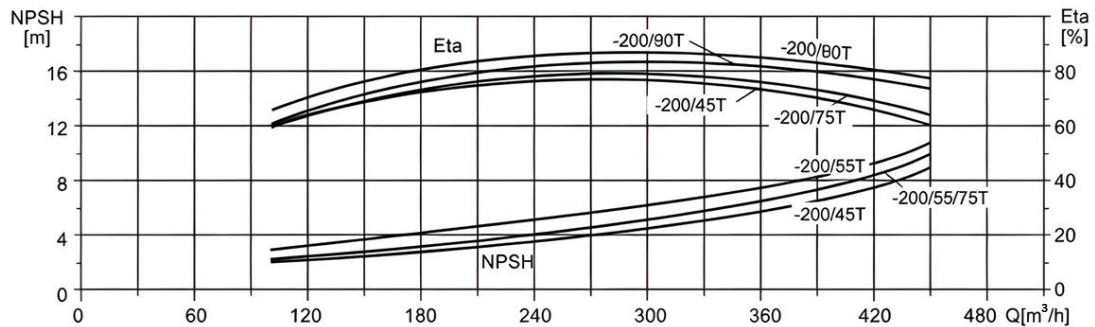
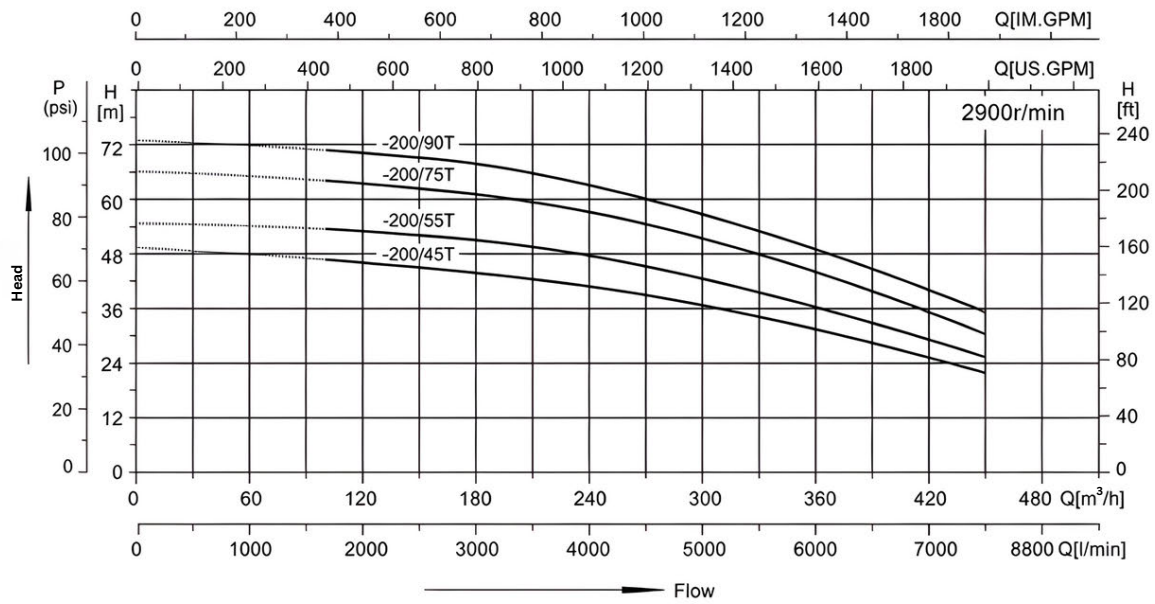
SPECIFICATIONS:

Type	P2		Ampere		Flow Rate (Q)												
			3~ 380V- 50Hz	3~ 380/660 V-50Hz	l/min	0	1330	1660	2000	2335	2660	3000	3330	3500	3660	4000	4160
					m³/hr	0	80	100	120	140	160	180	200	210	220	240	250
	KW	HP	Head (H)														
CA125-100-160/18.5T	18.5	25	34.7	20	m	37.5	36	34.5	32.5	30.5	28	25	21.5	19	-	-	-
CA125-100-160/22T	22.0	30	41.0	25		40	39	38	37	34.5	32.5	30	26.5	25	23	-	-
CA125-100-160/30T	30	40	55.4	35		47	46.5	45.5	43.5	42	40	37	35	33	32	28	25
CA125-100-200/37T	37	50.0	67.9	37		55.5	54.5	54	54	54	53	52	50	49	47.5	44	28
CA125-100-200/45T	45	60	80.8	48		61	60.5	60.5	60.5	60	59	58.5	57	56	54.5	50	30
CA125-100-200/55T	55	75	98.5	60		71.5	71	70	69.5	69	68	66.5	65	63.5	62	57	40



CA 150-125

SPECIFICATIONS:



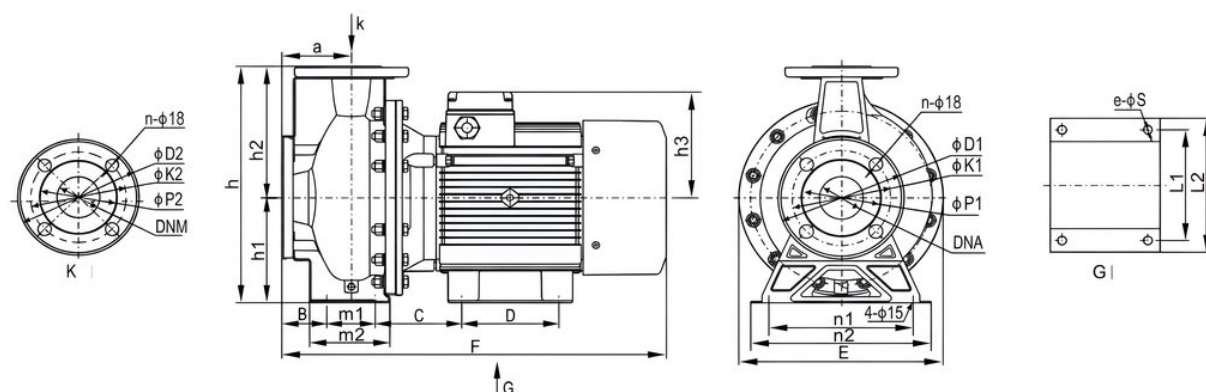
CA 150-125

SPECIFICATIONS:

Type	P2		Ampere		Flow Rate (Q)												
			3~ 380V- 50Hz	3~ 380/660 V-50Hz	l/min	0	1660	2000	2660	3330	4000	4660	5330	5660	6000	6660	7500
					m ³ /hr	0	100	120	160	200	240	280	320	340	360	400	450
	KW	HP	Head (H)														
CA150-125-200/45T	45	60	80.8	48	m	49	48	47	44.5	42	40	38	35.5	33.5	32	27	22
CA150-125-200/55T	55	75	98.5	60		55	54	53.5	51.5	50	46.5	44.5	42	40	38	33	25
CA150-125-200/75T	75	100	133.7	80		66	64	63	62	60	55	53	49	47	44	38	30
CA150-125-200/90T	90	125	159.9	98		72	71	70	69	66.5	61	59	54	52	49	42	35

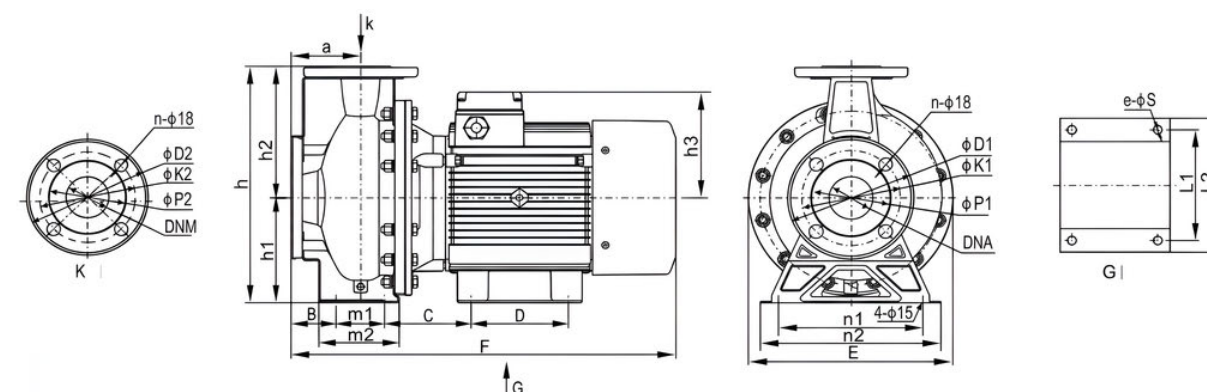
CA 1

DIMENSIONS:



Model	P2 (KW)	Shape size (mm)													
		E	F	H	H1	H2	H3		A	B	C	D	e-ΦS	L1	L2
							1~	3~							
CA 50-32-160/1.1	1.1	215	390	255	112	143	114	107	80	45	95	90	4-12*18	125	155
CA 50-32-160/1.5	1.5	215	390	255	112	143	132	107	80	45	95	90	4-12*18	125	155
CA 50-32-160/2.2	2.2	215	438	255	112	143	144	112	80	45	111	100	4-12*18	160	190
CA 50-32-200/3.0	3.0	300	456	340	160	180	-	112	80	45	109	100	4-12*18	160	190
CA 50-32-200/4.0	4.0	300	490	340	160	180	-	147	80	45	114	140	4-15*20	190	225
CA 50-32-200/5.5	5.5	300	519	340	160	180	-	162	80	45	122	140	4-15*20	190	230
CA 50-32-200/7.5	7.5	300	557	340	160	180	-	162	80	45	122	140	4-15*20	190	230
CA 65-40-125/1.5	1.5	215	390	255	112	143	132	107	80	45	95	90	4-12*18	125	155
CA 65-40-125/2.2	2.2	215	438	255	112	143	144	112	80	45	110	100	4-12*18	160	190
CA 65-40-125/3	3.0	256	456	292	132	160	-	112	80	45	110	100	4-12*18	160	190
CA 65-40-160/4.0	4.0	256	491	292	132	160	-	147	80	45	114	140	4-15*20	190	225
CA 65-40-200/5.5	5.5	300	541	360	160	200	-	162	100	65	124	140	4-15*20	190	230
CA 65-40-200/7.5	7.5	300	579	360	160	200	-	162	100	65	124	140	4-15*20	190	230
CA 65-40-200/11	11	300	615	360	160	200	-	182	100	65	161	140	4-15*20	216	255
CA 65-50-125/3	3.0	256	455	292	132	160	-	112	80	45	110	100	4-12*18	160	190
CA 65-50-125/4.0	4.0	256	491	292	132	160	-	147	80	45	115	140	4-15*20	190	225
CA 65-50-160/5.5	5.5	300	541	360	160	200	-	162	100	65	124	140	4-15*20	190	230
CA 65-50-200/7.5	7.5	300	579	360	160	200	-	162	100	65	124	140	4-15*20	190	230
CA 65-50-200/9.2	9.2	300	615	360	160	200	-	182	100	65	161	140	4-15*20	216	255
CA 65-50-200/11	11	300	615	360	160	200	-	182	100	65	161	140	4-15*20	216	255
CA 65-50-200/15	15	300	657	360	160	200	-	182	100	65	161	140	4-15*20	216	255
CA 65-50-200/18.5	18.5	320	715	360	160	200	-	255	100	65	147	254	4-Φ15	254	320

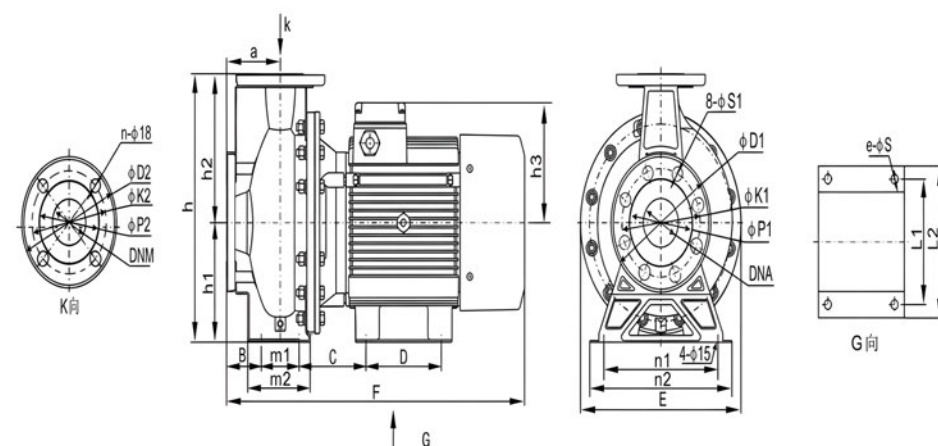
CA 1



Flange size (mm)								N.W(Kg)
ΦD1	ΦK1	ΦP1	ΦD2	ΦK2	ΦP2	DNA	DNM	
165	125	96	140	100	76	50	32	22
165	125	96	140	100	76	50	32	23
165	125	96	140	100	76	50	32	31
165	125	96	140	100	76	50	32	38
165	125	96	140	100	76	50	32	54
165	125	96	140	100	76	50	32	62
165	125	96	140	100	76	50	32	74
185	145	115	150	110	80	65	40	21
185	145	115	150	110	80	65	40	29
185	145	115	150	110	80	65	40	37
185	145	115	150	110	80	65	40	50
185	145	115	150	110	80	65	40	63
185	145	115	150	110	80	65	40	74
185	145	115	150	110	80	65	40	93
185	145	115	165	165	96	65	50	38
185	145	115	165	165	96	65	50	50
185	145	115	165	165	96	65	50	63
185	145	115	165	165	96	65	50	73
185	145	115	165	165	96	65	50	82
185	145	115	165	165	96	65	50	93
185	145	115	165	165	96	65	50	107
185	145	115	165	165	96	65	50	158

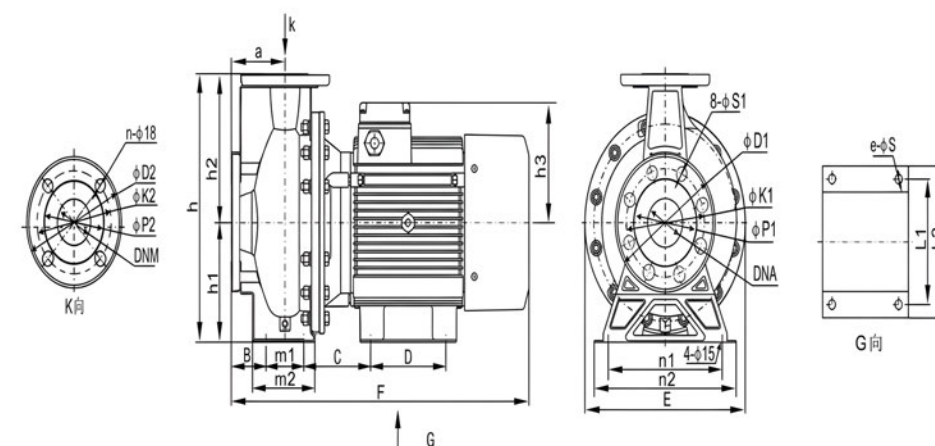
CA 2

DIMENSIONS:



Model	P2 (KW)	Shape size (mm)																
		E	F	H	H1	H2	H3	A	M1	M2	N1	N2	B	C	D	e-ΦS	L1	L2
CA 80-65-125/4	4.0	256	514	340	160	180	147	100	95	152	212	250	53	105	140	4-15*20	190	225
CA 80-65-125/5.5	5.5	256	535	340	160	180	162	100	95	152	212	250	53	113	140	4-15*20	190	230
CA 80-65-125/7.5	7.5	256	573	340	160	180	162	100	95	152	212	250	53	113	140	4-15*20	190	230
CA 80-65-125/9.2	9.2	256	636	340	160	180	182	100	95	152	212	250	53	175	140	4-15*20	216	255
CA 80-65-160/11	11	300	613	360	160	200	182	100	95	152	212	250	53	152	140	4-15*20	216	255
CA 80-65-160/15	15	300	651	360	160	200	182	100	95	152	212	250	53	152	140	4-15*20	216	255
CA 80-65-200/18.5	18.5	320	717	405	180	225	255	100	95	148	250	290	53	430	-	4-Φ14.5	254	254
CA 80-65-200/22	22	356	776	405	180	225	270	100	95	148	250	290	53	169	241	4-Φ14.5	279	355
CA 80-65-200/30	30	400	837	425	180	225	304	100	95	148	250	290	53	177	305	4-Φ18.5	318	386
CA 100-80-160/11	11	256	669	405	180	225	182	125	95	176	250	290	78	183	140	4-15*20	216	255
CA 100-80-160/15	15	256	711	405	180	225	182	125	95	176	250	290	78	183	140	4-15*20	216	255
CA 100-80-160/18.5	18.5	320	769	405	180	225	255	125	95	176	250	290	78	457	-	4-Φ14.5	254	354
CA 100-80-200/22	22	356	811	430	180	250	270	125	95	176	280	320	78	180	241	4-Φ14.5	279	355
CA 100-80-200/30	30	400	872	450	200	250	304	125	95	176	280	320	78	188	305	4-Φ18.5	318	386
CA 100-80-200/37	37	400	872	450	200	250	304	125	95	176	280	320	78	188	305	4-Φ18.5	318	386
CA125-100-160/18.5	18.5	320	780	405	180	225	255	125	120	187	280	330	66	457	-	4-Φ14.5	254	354
CA125-100-160/22	22	356	820	405	180	225	270	125	120	187	280	330	66	175.5	241	4-Φ14.5	279	355
CA125-100-160/30	30	400	890	425	200	225	304	125	120	187	280	330	66	183.5	305	4-Φ18.5	318	386
CA125-100-200/37	37	400	890	480	200	280	304	125	120	185	280	330	65	186.5	305	4-Φ18.5	318	386
CA125-100-200/45	45	445	910	505	225	280	333	125	120	185	280	330	65	172.5	311	4-Φ18.5	356	431
CA125-100-200/55	55	485	1000	530	250	280	362	125	120	185	280	330	65	207.5	349	4-Φ18.5	406	484
CA150-125-200/45	45	445	950	565	250	315	333	140	120	212	315	370	80	135	441	4-Φ18.5	356	471
CA150-125-200/55	55	485	1040	565	250	315	362	140	120	212	315	370	80	235	368	4-Φ18.5	406	484
CA150-125-200/75	75	546	1116	595	280	315	384	140	120	212	315	370	80	246.5	368	4-Φ18.5	457	542
CA150-125-200/90	90	546	1116	595	280	315	384	140	120	212	315	370	80	246.5	368	4-Φ18.5	457	542

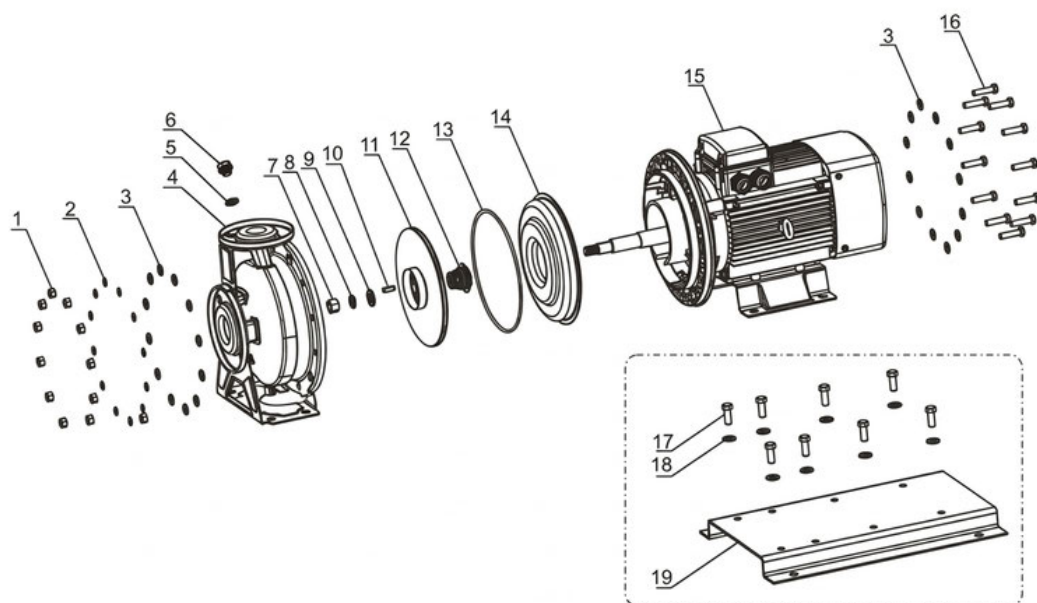
CA 2



Flange size (mm)										N.W(Kg)
ΦS1	ΦD1	ΦK1	ΦP1	ΦD2	ΦK2	ΦP2	n	DNA	DNM	
18	200	160	132	185	145	115	4	80	65	50
18	200	160	132	185	145	115	4	80	65	63
18	200	160	132	185	145	115	4	80	65	70
18	200	160	132	185	145	115	4	80	65	81
18	200	160	132	185	145	115	4	80	65	93
18	200	160	132	185	145	115	4	80	65	107
18	200	160	132	185	145	115	4	80	65	158
18	200	160	132	185	145	115	4	80	65	192
18	200	160	132	185	145	115	4	80	65	223
18	220	180	152	200	160	132	8	100	80	93
18	220	180	152	200	160	132	8	100	80	106
18	220	180	152	200	160	132	8	100	80	158
18	220	180	152	200	160	132	8	100	80	193
18	220	180	152	200	160	132	8	100	80	232
18	220	180	152	200	160	132	8	100	80	256
18	250	210	180	220	180	152	8	125	100	180
18	250	210	180	220	180	152	8	125	100	203
18	250	210	180	220	180	152	8	125	100	260
18	250	210	180	220	180	152	8	125	100	285
18	250	210	180	220	180	152	8	125	100	385
18	250	210	180	220	180	152	8	125	100	440
22	285	240	206	250	210	180	8	150	125	385
22	285	240	206	250	210	180	8	150	125	440
22	285	240	206	250	210	180	8	150	125	580
22	285	240	206	250	210	180	8	150	125	628

CA

EXPLODED VIEWS:



NO.	Part Name
1	Hexagonal nut
2	Spring washer
3	Washer
4	Pump housing
5	O-Ring
6	Plug
7	Hexagonal nut
8	Spring washer
9	Washer
10	Flat Key

NO.	Part Name
11	Impeller
12	Mechanical seal
13	O-Ring
14	Pump cover
15	Motor
16	Hexagonal Bolt
17	Hexagonal Bolt
18	Washer
19	Base

[illegible]



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