



Heavy-duty ,Excellent Durability and Reliability- safeland quality



Monoblock and end-suction Centrifugal pumps



**CP CLOSE-COUPLED
CENTRIFUGAL PUMPS
WITH THREADED PORTS**

Electric pumps with high efficiency motor
for reduced energy consumption

Inlet and Outlet:

2"*2" 3"*3" 4"*4"



CP-250-7.5kw



CP-220-3kw

CP close-coupled centrifugal pumps with threaded ports

INLET AND OUTLET:2" 2" 3" 3" 4" 4"

RANGE OF PERFORMANCE:

Flow rate up to 900 l/min(137m³/h)Head up to 75m

OPTIONS ON REQUEST:

Pump shaft in stainless steel EN 10088-3-1.4401(AISI 316)

Special mechanical seal

Protection IP55

Other voltages or frequency 60Hz

CONSTRUCTION CHARACTERISTICS:

- PUMP BODY:cast iron,with threaded ports ISO 228/1.
- BODY BACK-PLATE:cast iron.
- IMPELLER: brass
- MOTOR SHAFT:stainless steel EN 10088-3-1.4104.
- MECHANICAL SEAL:ceramic-graphite-NBR.
- ELECTRIC MOTOR:the pumps are close-coupled to a carefully matched electric motor,with high efficiency,quiet running,totally enclosed fan cooled(TEFC),suitablefor continuous duty.
- INSULATION:class F
- PROTECTION IP44

PS STYLE MOTOR



CP-220-3kW



CP-230-7.5kW



CP-250-7.5kW



CP-320-4kW



CP-330-5.5kW



CP-400-3kW P款



CP-420-7.5kW



CP-530-18.5kW

PE STYLE MOTOR



CP-220-3kW



CP-250-11kW



CP-320-4kW



CP-330-7.5kW



CP-400-3kW



CP-420-7.5kW



CP-520-15kW



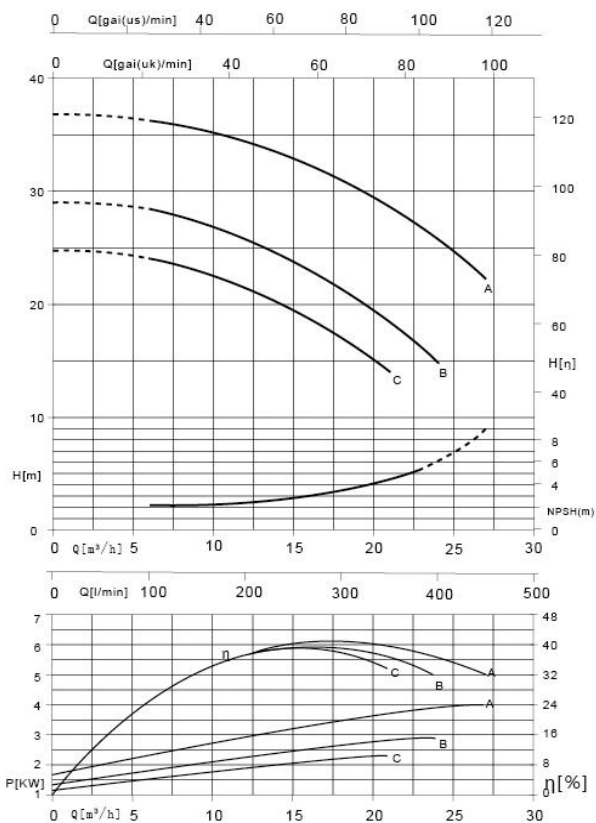
CP-530-22kW

TYPE		P2	P1	INLET-OUTLET		A	Q m³/h	0	4.5	6	7.5	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	96	108	120	132	144	
Single-phase	Three-phase	KW	HP	KW	Inch mm	3-380V 50HZ	Q Lmin	0	75	100	125	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	
CPm220C	CP220C	1.5	2	2.3	2"-2" 50-50	4	H meters	25	24	24.1	23.6	23	21.5	19.6	17.2	14.1																				
CPm220B	CP220B	2.2	3	2.9	2"-2" 50-50	5.2		29		28.5	28	27.3	25.7	23.8	21.4	18.5	14.8																			
CPm220A	CP220A	3	4	4.1	2"-2" 50-50	7.1		37		36.4	36	35.4	34.2	32.8	31.1	28.8	26	22.3																		
CPm230C	CP230C	4	5.5	5.2	2"-2" 50-50	10	H meters	41		40	39.5	38.9	37.5	36	34.2	32.2	30	27																		
	CP230B	5.5	7.5	8	2"-2" 50-50	13.7		53		52	51.5	51	50	48.5	46.8	45	42.7	40.1	37	33.3	28.7															
	CP230A	7.5	10	8.5	2"-2" 50-50	16.5		57		56	55.6	55.2	54	52.8	51	49.2	47	44.2	41	37.1	33															
	CP250A	5.5	7.5	8	2"-2" 50-50	16	H meters	59		57	56	55.5	55	54	53	50	45	38	33	32	30															
CPm3208	CP320B	3	4	4.4	2"-2" 50-50	7.8	H meters	30				30	30	29.6	29	28.2	27.1	25.9	24.4	22.6	21															
CPm320A	CP320A	4	5.5	5.2	2"-2" 50-50	8.5		36				35.6	35.5	35.3	35	34.2	33.2	32	30.6	29	27.3	25.4														
	CP330B	5.5	7.5	7.5	2"-2" 50-50	15	H meters	42				42	42	42	41.5	41	39	38	36	34	31	28														
	CP330A	7.5	10	9.8	2"-2" 50-50	15		57				57	57	57	56	55.5	54	53	51	49	46	44	41													
CPm4008	CP400B	3	4	4	3"-3" 80-80	7.29	H meters	20					20	20	20	20	19.8	19.5	19.3	18.8	18.5	17	16.5	16	16	14	13	11								
CPm400A	CP400A	4	5.5	5	3"-3" 80-80	7.97		25					24.8	24.8	24	24	24	23.6	23	23	23	22.5	22	21	21	19	18	16								
	CP420B	5.5	7.5	6.7	3"-3" 80-80	11.6	H meters	31								32	32	31	31	31	30	29.5	28.5	27	25	23	21	18	13.5							
	CP420A	7.5	10	8.9	3"-3" 80-80	16.8		37									37	37	37	37	37	36	36	35	34	32	30	28	25	23						
	CP520B	11	15	13	4"-4" 100-100	22	H meters	33															34.6	34.4	34	34	33.7	33.3	32.8	32.1	30.6	28.8	26.7	24.1	21.1	
	CP520A	15	20	16	4"-4" 100-100	23		39																40.6	40.6	40	40.2	40	39.7	39.4	18.9	37.7	36.2	34.3	32.2	29.8
	CP530C	15	20	21	4"-4" 100-100	31	H meters	45																46	45.5	45	44	43	42	40	37	33	28			
	CP530B	18.5	25	23	4"-4" 100-100	38.2		54																	53	52	51.5	51	50	49	47	44	41	37	31	
	CP530A	22	30	27	4"-4" 100-100	43		60																	61	60	60	59	58.5	57.5	55.8	53	49.8	46	42	

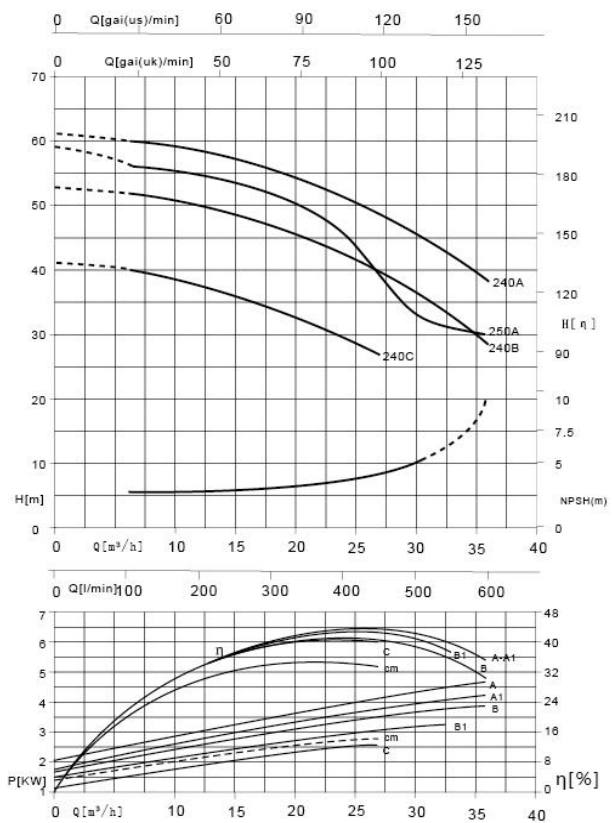
CP series

2900 r/min 50Hz

CP220



CP230-250



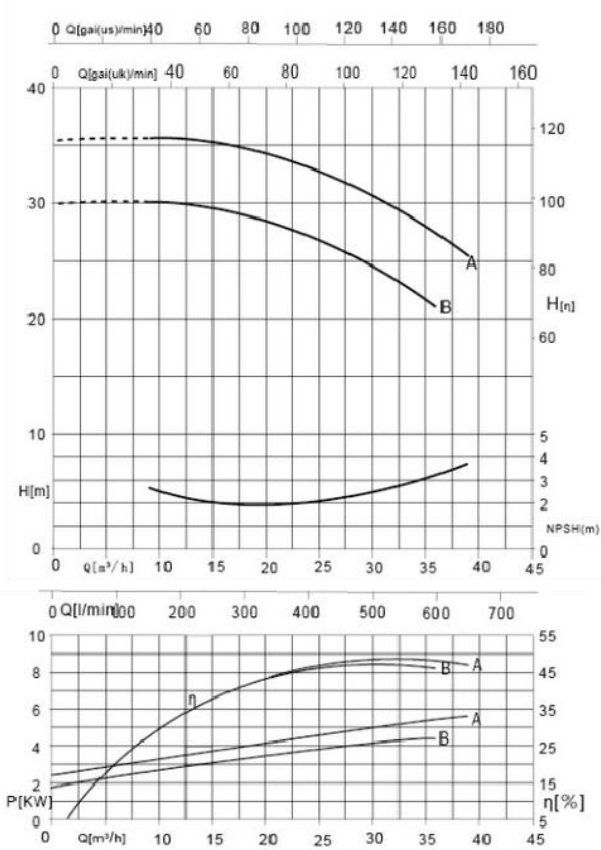
TYPE		P2		P1	INLET-OUTLET	A	Q m³/h												
Single-phase	Three-phase	KW	HP	KW	Inch mm	3-380V 50HZ	Q L/min												
							0	4.5	6	7.5	9	12	15	18	21	24	27		
CPm220C	CP220C	1.5	2	2.3	2"-2" 50-50	4	H meters	25	24	24	24	23	22	20	17	14			
CPm220B	CP220B	2.2	3	2.9	2"-2" 50-50	5.2		29		29	28	27	26	24	21	19	15		
CPm220A	CP220A	3	4	4.1	2"-2" 50-50	7.1		37		36	36	35	34	33	31	29	26	22	

TYPE		P2		P1	INLET- OUTLET	A	Q m³/h	0	6	7.5	9	12	15	18	21	24	27	30	33	36
Single- phase	Three- phase	KW	HP	KW	Inch mm	3-380V 50HZ	Q L/min	0	100	125	150	200	250	300	350	400	450	500	550	600
CPm230C	CP230C	4	5.5	5.2	2"-2" 50-50	10	H meters	41	40	39.5	38.9	37.5	36	34.2	32.2	30	27			
	CP230B	5.5	7.5	8	2"-2" 50-50	13.7		53	52	51.5	51	50	48.5	46.8	45	42.7	40.1	37	33.3	28.7
	CP230A	7.5	10	8.5	2"-2" 50-50	16.5		57	56	55.6	55.2	54	52.8	51	49.2	47	44.2	41	37.1	33
	CP250A	5.5	7.5	8	2"-2" 50-50	16		59	57	56	56	55	54	53	50	45	38	33	32	30

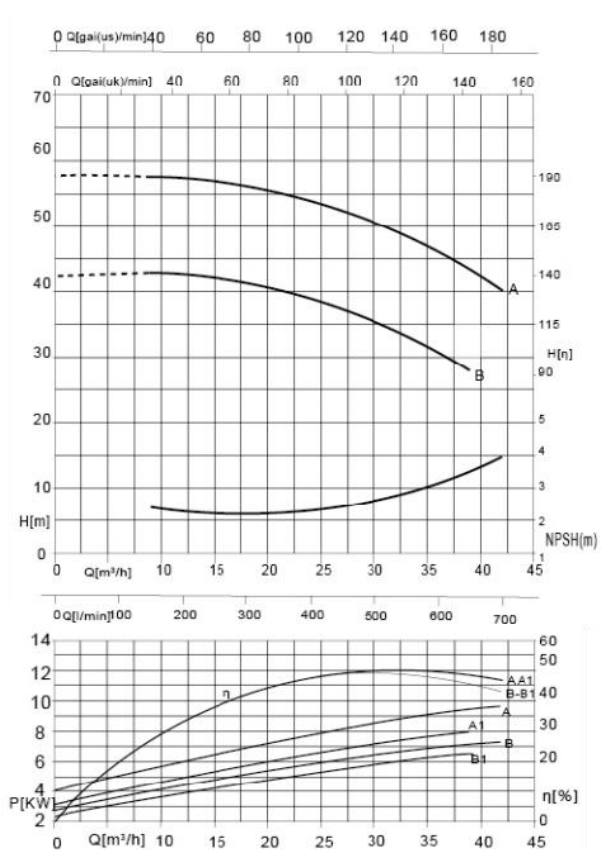
CP series

2900 r/min 50Hz

CP320



CP330



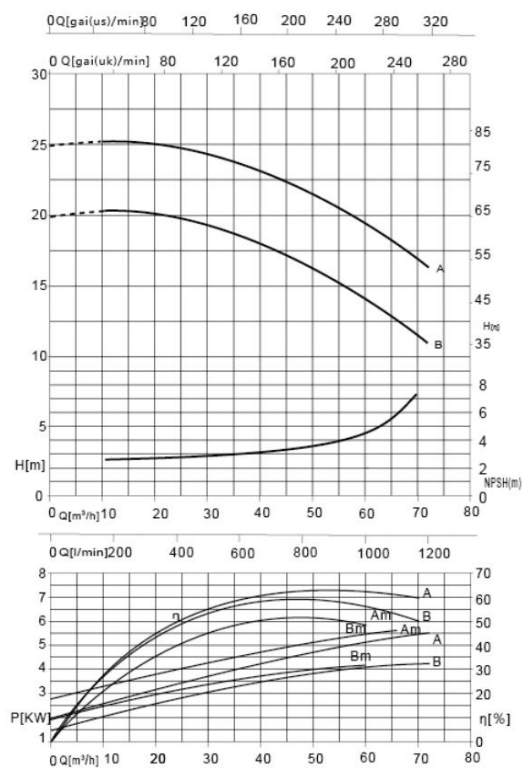
TYPE		P2		P1	INLET-OUTLET	A	Q m³/h	0	9	12	15	18	21	24	27	30	33	36	39	
Single-phase	Three-phase	KW	HP	KW	Inch mm	3-380V 50HZ	Q L/min	0	150	200	250	300	350	400	450	500	550	600	650	
CPm320B	CP320B	3	4	4.4	2"-2" 50-50	7.8	H meters	30	30	30	30	29	28	27	26	24	23	21		
CPm320A	CP320A	4	5.5	5.2	2"-2" 50-50	8.5		36	36	36	35	35	34	33	32	31	29	27	25	

TYPE		P2		P1	INLET-OUTLET	A	Q m³/h	0	9	12	15	18	21	24	27	30	33	36	39	42
Single-phase	Three-phase	KW	HP	KW	Inch mm	3-380V 50HZ	Q L/min	0	150	200	250	300	350	400	450	500	550	600	650	700
	CP330B	5.5	7.5	7.5	2"-2" 50-50	15	Hmeters	42	42	42	42	42	41	39	38	36	34	31	28	
	CP330A	7.5	10	9.8	2"-2" 50-50	15		57	57	57	57	56	56	54	53	51	49	46	44	41

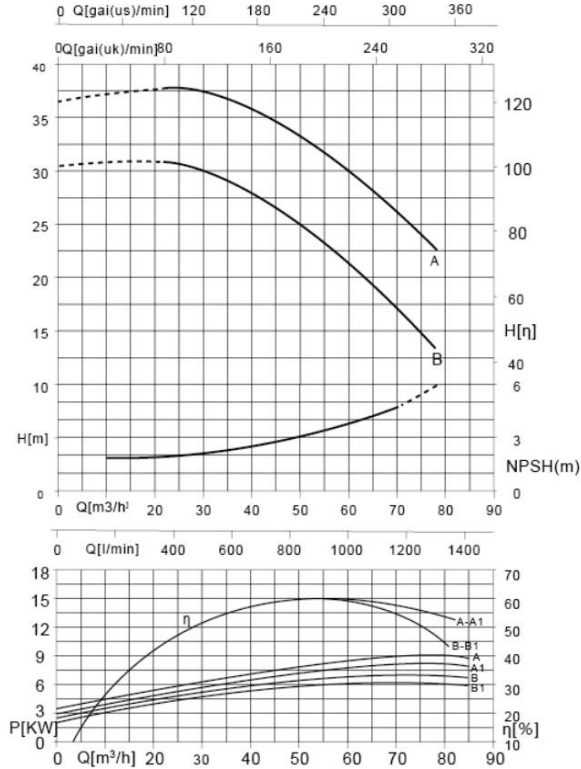
CP series

2900 r/min 50Hz

CP400



CP420



TYPE	P2		P1	INLET-OUTLET	A	Q m³/h	0	21	24	27	30	33	36	39	42	48	54	60	66	72
Three-phase	KW	HP	KW	Inch mm	3-380V 50HZ	Q L/min	0	350	400	450	500	550	600	650	700	800	900	1000	1100	1200
CP400B	3	4	4	3"-3" 80-80	7.29	H meters	20	20	19.8	19.5	19.3	18.8	18.5	17	16.5	16	15.5	14	13	11
CP400A	4	5.5	5	3"-3" 80-80	7.97		25	24	24	23.6	23	23	23	22.5	22	21	20.5	19	18	16

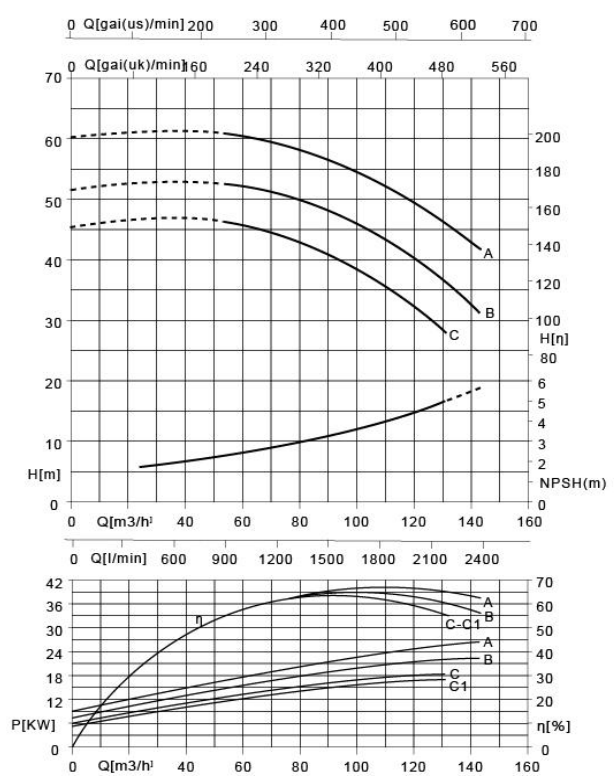
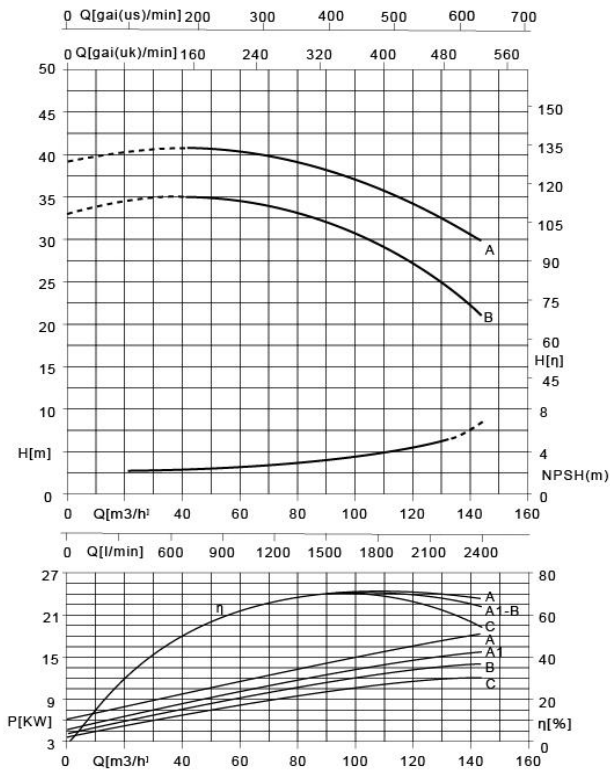
TYPE	P2		P1	INLET-OUTLET	A	Q m³/h	0	21	24	27	30	33	36	39	42	48	54	60	66	72	78
Three-phase	KW	HP	KW	Inch mm	3-380V 50Hz	Q L/min	0	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300
CP420B	5.5	7.5	6.7	3"-3" 80-80	11.6	Hmeters	31	32	32	31	31	31	30	29.5	28.5	27	25.3	23	21	18	13.5
CP420A	7.5	10	8.9	3"-3" 80-80	16.8		37	37	37	37	37	37	36	36	35	34	32	30	28	25	23

CP series

CP520

2900 r/min 50Hz

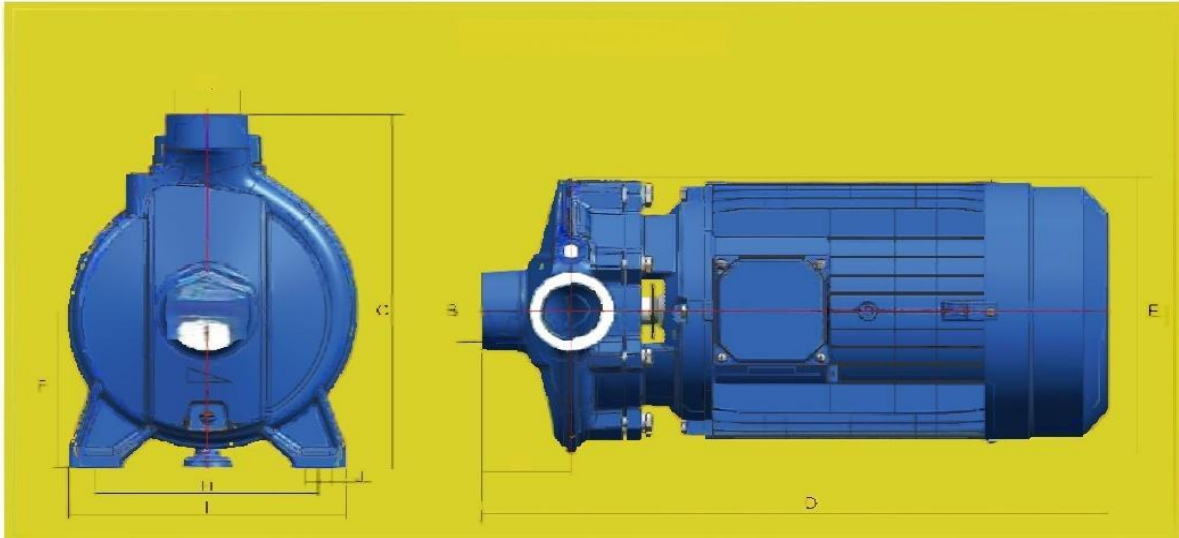
CP530



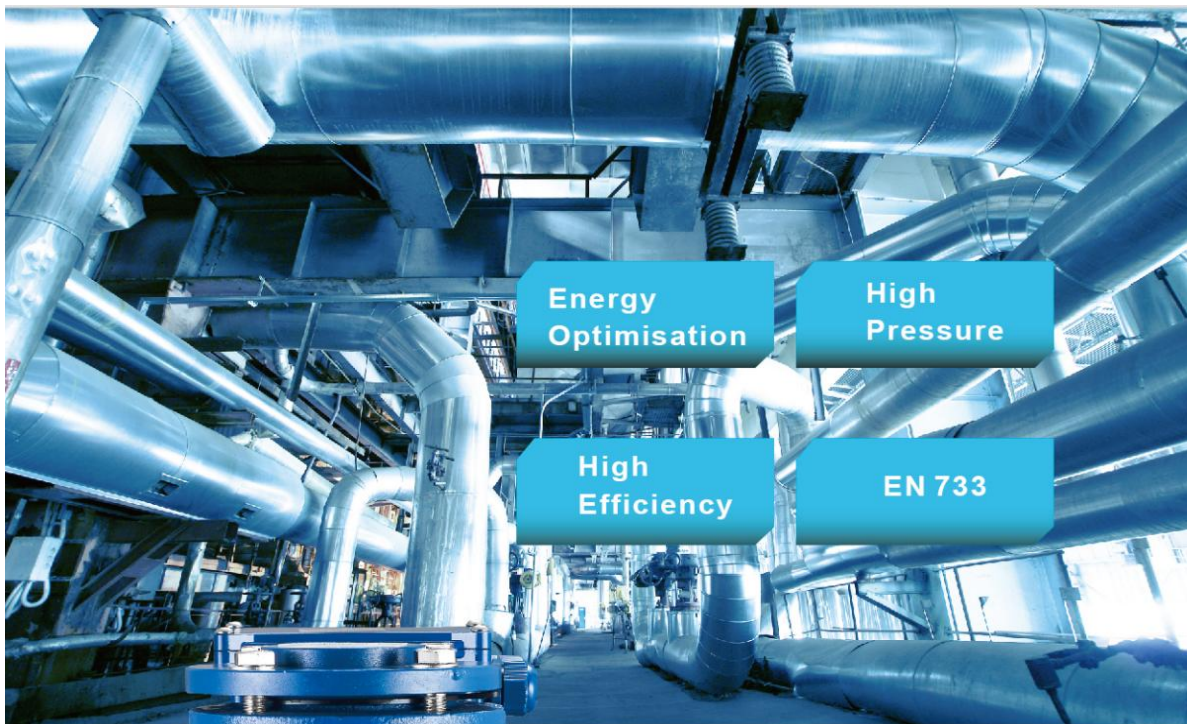
TYPE		P2		P1	INLET-OUTLET	A	Q m³/h	0	42	48	54	60	66	72	78	84	96	108	120	132	144
Single-phase	Three-phase	KW	HP	KW	Inch mm	3-380V 50HZ	Q L/min	0	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400
	CP520B	11	15	13	4"-4" 100-100	22	H meters	33	35	34.4	34.2	34	33.7	33.3	32.8	32.1	30.6	28.8	26.7	24.1	21.1
	CP520A	15	20	16	4"-4" 100-100	23		39	41	40.6	40.4	40.2	40	39.7	39.4	18.9	37.7	36.2	34.3	32.2	29.8

TYPE		P2		P1	INLET-OUTLET	A	Q m³/h	0	54	60	66	72	78	84	96	108	120	132	144
Single-phase	Three-phase	KW	HP	kw	Inch mm	3-380V 50HZ	Q L/min	0	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400
	CP530C	15	20	21	4"-4" 100-100	31	H meters	45	46	45.5	45	44	43	42	40	37	33	28	
	CP530B	18.5	25	23	4"-4" 100-100	38.2		54	53	52	51.5	51	50	49	47	44	41	37	31
	CP530A	22	30	27	4"-4" 100-100	43		60	61	60	60	59	58.5	57.5	55.8	53	49.8	46	42

DIMENSIONS AND WEIGHTS



TYPE		P2		A	B	C		E	F	G	H	I
Single-phase	Three-phase	KW	HP	MM								
CPm220C	CP220C	1.5	2	50	50	297	440/465	240	132	71.5	188	240
CPm220B	CP220B	2.2	3	50	50	297	465/465	240	132	71.5	188	240
CPm220A	CP220A	3	4	50	50	297	480/480	240	132	71.5	188	240
MM												
CPm230C	CP230C	4	5.5	50	50	355	537/537	275	160	87	214	266
	CP230B	5.5	7.5	50	50	355	562/602	275	160	87	214	266
	CP230A	7.5	10	50	50	355	562/602	275	160	87	214	266
MM												
	CP250A	5.5	7.5	50	50	400	550/590	328	185	84	250	328
				MM								
CPm320B	CP320B	3	4	50	50	307	495/495	250	132	84	190	242
CPm320A	CP320A	4	5.5	50	50	307	510/510	250	132	84	190	242
MM												
	CP330B	5.5	7.5	50	50	360	563/603	280	160	86	214	266
	CP330A	7.5	10	50	50	360	563/603	280	160	86	214	266
MM												
CPm400B	CP400B	3	4	80	80	317	497/497	255	132	93	190	242
CPm400A	CP400A	4	5.5	80	80	317	497/497	255	132	93	190	242
MM												
	CP420B	5.5	7.5	80	80	365	572/612	275	160	93	214	266
	CP420A	7.5	10	80	80	365	572/612	275	160	93	214	266
MM												
	CP520B	11	15	100	100	380	544/584	290	160	115	210	280
	CP520A	15	20	100	100	380	763/763	315	160	115	210	280
MM												
	CP530C	15	20	100	100	420	760/760	329	180	111	250	320
	CP530B	18.5	25	100	100	420	760/760	329	180	111	250	320
	CP530A	22	30	100	100	420	760/760	329	180	111	250	320



WITH STABLE QUALITY & SAVE YOUR COST

CM series

CONSTRUCTION FEATURES

Pump body:	cast iron
Motor bracket:	cast iron/Aluminum
Impeller:	cast iron/stainless steel 304
Mechanical seal:	ceramic/graphite
Motor shaft:	stainless steel AISI 316/304/416
Liquid temperature:	-10°C +90°C
Operating pressure:	max 10 bar

MOTOR

2 pole induction motor	3~2301400V-220V-380V-440V -660V50Hz Single phase 220V
Insulation class	F
Protection degree	Ip55

Monobloc horizontal centrifugal pumps, constructed to EN 733 standards, widely used in water supplies, pressurisation and fire-fighting systems, cooling, heating, irrigation, industrial and agricultural applications,



Irrigation



Washing plants



Water supply



HVAC

CM monoblock



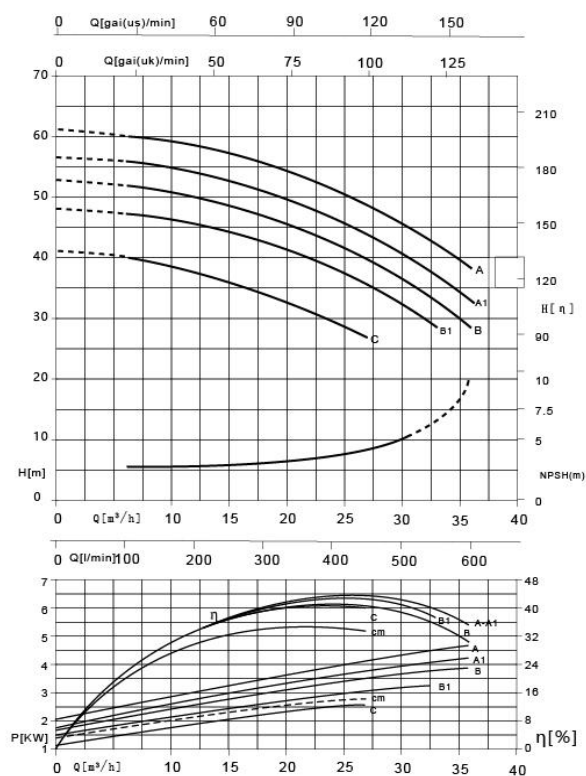
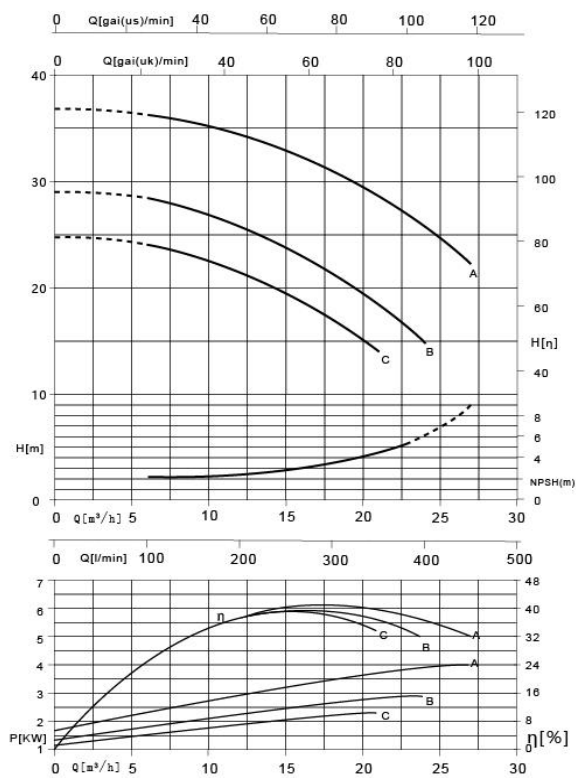
CM Bareshaft

CM series

2900 r/min 50Hz

32-160

32-200

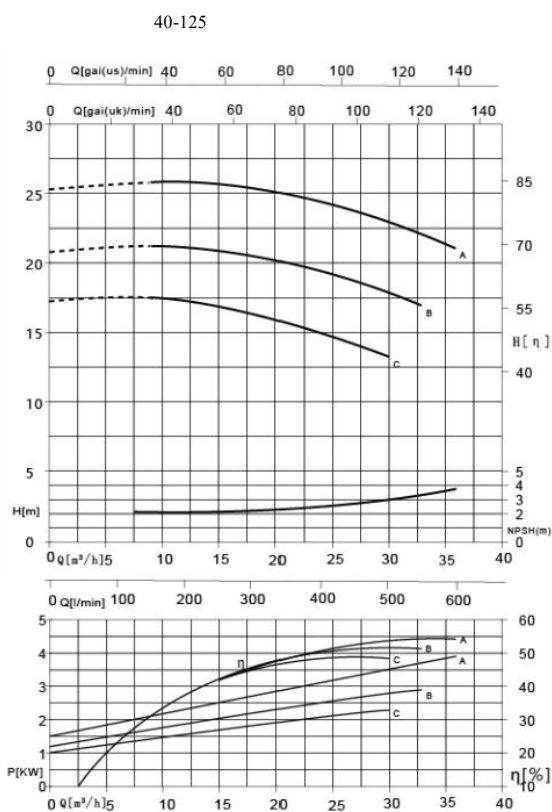
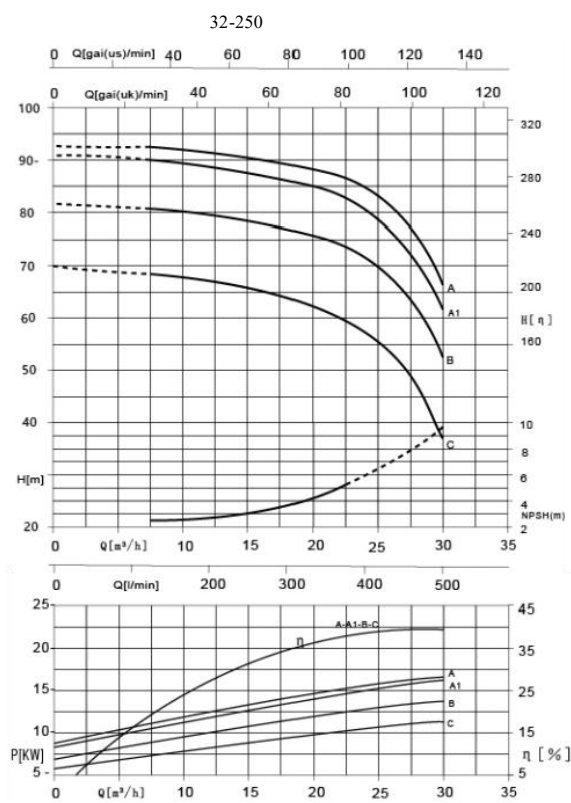


TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)										
3~				0	4.5	6	7.5	9	12	15	18	21	24	27	
				0	75	100	125	150	200	250	300	350	400	450	
	(HP)	(KW)	3~	3×400V 50HZ	H(m)										
32-160C(*)	2	1.5	2.3	4	24.7	244	24.1	23.6	23.0	21.5	196	17.2	14.1	—	—
32-160B(*)	3	2.2	2.9	5.2	290	—	28.5	28.0	27.3	25.7	238	21.4	18.5	14.8	—
32-160A	4	3	4.1	7.1	36.8	—	36.4	36.0	35.4	34.2	32.8	31.1	28.8	26	22.3

TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)												
3~				0	6	7.5	9	12	15	18	21	24	27	30	33	36	
				0	100	125	150	200	250	300	350	400	450	500	550	600	
	(HP)	(KW)	3~	3×400V 50HZ	H(m)												
32-200C	5.5	4	5.2	9.4	41	40	39.5	38.9	37.5	36	34.2	32.2	30	27	—	—	—
32-200B1	7.5	5.5	6.6	11.3	48	47.5	47.1	46.6	45.5	44.3	42.5	40.7	38.5	35.7	32.5	28.6	—
32-200B	7.5	5.5	8.0	13.7	52.8	52	51.5	51	50	48.5	46.8	45	42.7	40.1	37	33.3	28.7
32-200A1	10	7.5	8.5	14.6	56.5	56	55.6	55.2	54	52.8	51	49.2	47	44.2	41	37.1	33
32-200A	10	7.5	9.9	16.5	61	60.5	60.1	59.6	58.5	57.2	55.5	53.7	51.5	49	46.2	42.7	38.5

CM series

2900 r/min 50HZ

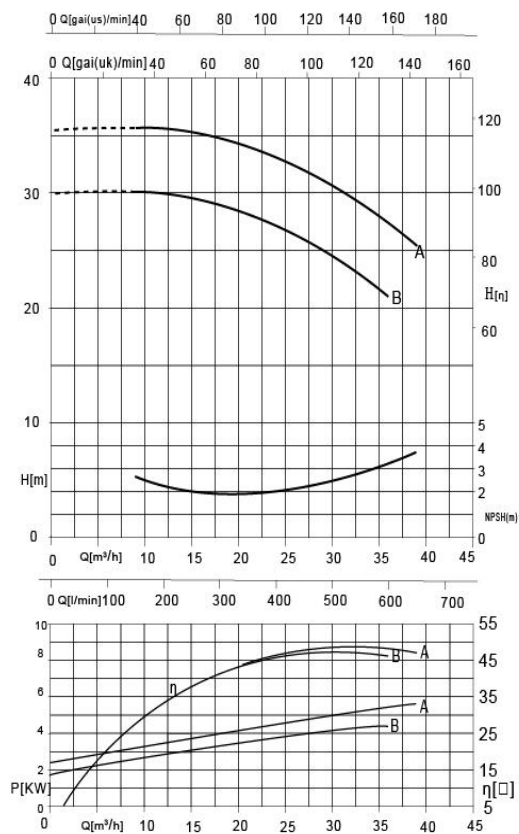


TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)									
				3~	0	7.5	9	12	15	18	21	24	27	30
					0	125	150	200	250	300	350	400	450	500
3~	(HP)		(KW)	3~	H(m)									
32-250C	12.5	9.2	119	20.1	70	68.5	68	67	65.5	63.5	61	58	50	36.5
32-250B	15	11	14.4	24.2	82	81	80.5	79.5	78.5	77	74.5	71.9	65	52.5
32-250A1	20	15	16	27.4	91	90	89.9	89	88	86	83.5	80.8	74	61.5
32-250A	20	15	18.1	30.1	93	92.5	92	91.5	90.5	89.5	87.5	85	78.5	66

TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)									
				3~	0	7.5	9	12	15	18	21	24	27	30
					0	125	150	200	250	300	350	400	450	500
3~	(HP)		(KW)	3~	H(m)									
40-125C(*)	2	1.5	23	4	17.4	17.6	17.5	17.3	16.9	16.4	15.8	15.1	14.2	13.3
40-125B(*)	3	2.2	29	5.2	20.7	—	21.3	21.2	21	20.6	20.1	19.4	18.7	17.9
40-125A	4	3	4.1	7.1	25.2	—	25.8	25.8	25.6	25.4	24.9	24.4	23.7	22.9

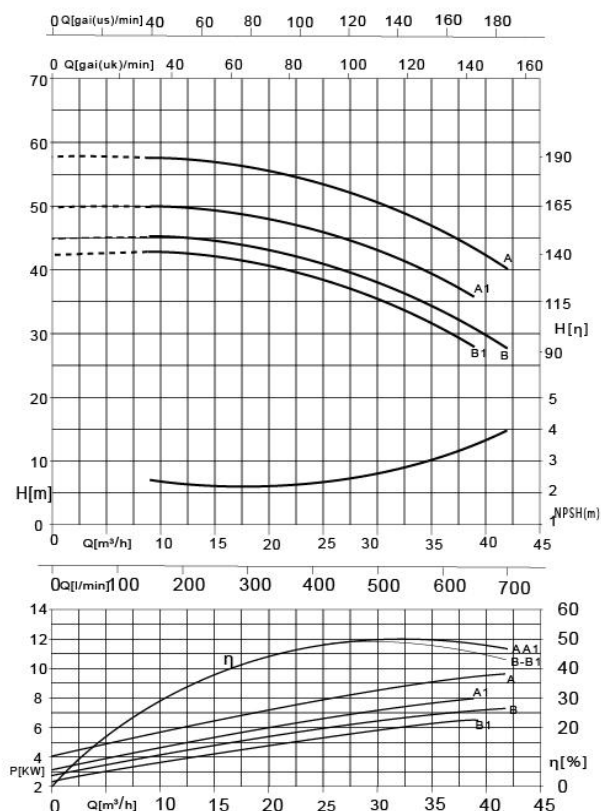
CM series

40-160



2900 r/min 50Hz

40-200



TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)													
				3~	0	9	12	15	18	21	24	27	30	33	36	39	H(m)	
					0	150	200	250	300	350	400	450	500	550	600	650		
	(HP)	(KW)	3~	3×400V 50HZ														
40-160B	4	3	4.4	7.4	30.0	30.1	30.0	29.6	29	28.2	27.1	25.9	24.4	22.6	21	—		
40-160A	5.5	4	5.7	9.9	35	35.6	35.5	35.3	35	34.2	33.2	32	30.6	29	27.3	25.4		

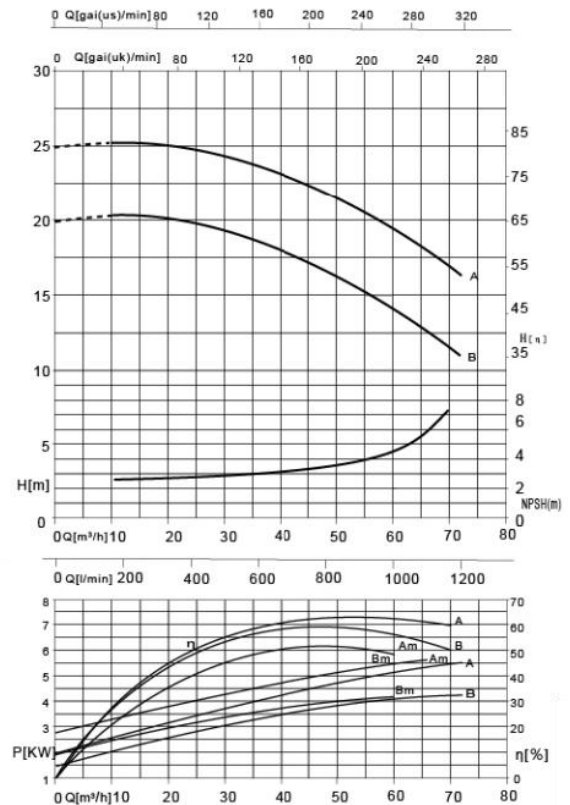
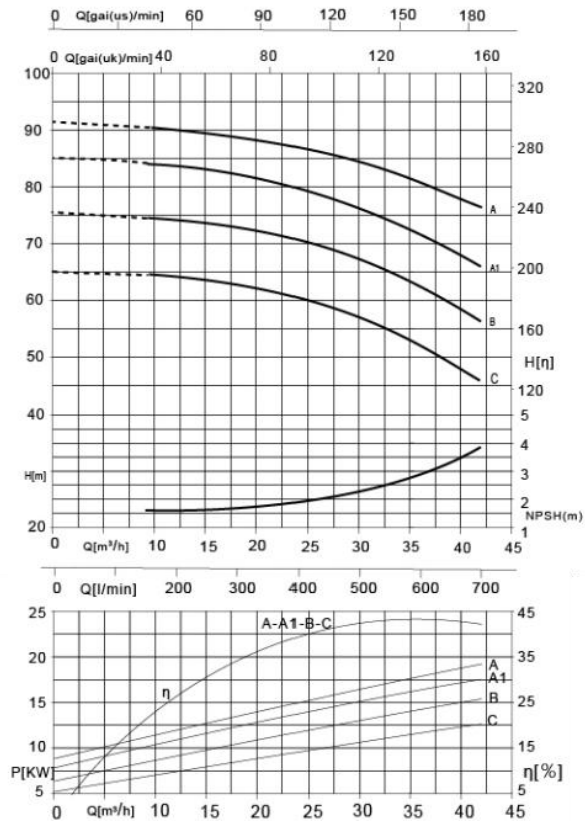
TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)													
3~				3~	0	9	12	15	18	21	24	27	30	33	36	39	42	
					0	150	200	250	300	350	400	450	500	550	600	650	700	
				(HP)	(KW)	3~	3×400V 50HZ	H(m)										
40-200B1	7.5	5.5	6.5	11.1	42	42.4	42.3	42	413	40	39.1	37.5	35.5	333	30.7	28	—	
40-200B	7.5	5.5	7.4	12.7	45	44.9	44.8	45	44	43	41.6	40	38.1	36.1	33.6	30.8	27.9	
40-200A1	10	7.5	8.1	13.8	50	49.7	49.7	49	49	48	46.6	45	43.2	41.1	38.6	35.9	—	
40-200A	10	7.5	9.8	16.5	58	57.7	57.5	57	56	55	54.1	52.5	50.5	48.5	45.9	43.3	40.3	

CM series

40-250

2900 r/min **50Hz**

50-125



TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)															
				3~	0	9	12	15	18	21	24	27	30	33	36	39	42			
	(HP)	(KW)			0	150	200	250	300	350	400	450	500	550	600	650	700			
			3~	3×400V 50HZ	H(m)															
40-250C	12.5	9.2	12.6	21	65.0	64.3	53.9	633.0	62.6	51.5	60.2	588.0	56.9	54.5	51.6	48.5	45.5			
40-250B	15	11	14.4	24.2	75.5	74.6	74.2	73.5	72.7	71.7	70.4	69.0	67.2	65.0	62.5	59.5	56.0			
40-250A1	20	15	17.5	29.5	85.0	84.0	83.7	82.9	82.1	80.8	79.5	77.8	75.9	73.8	71.3	68.4	65.8			
40-250A	20	15	19.0	32.0	91.5	90.4	89.9	89.3	88.5	87.5	86.6	85.5	84.0	82.5	80.5	78.5	76.0			

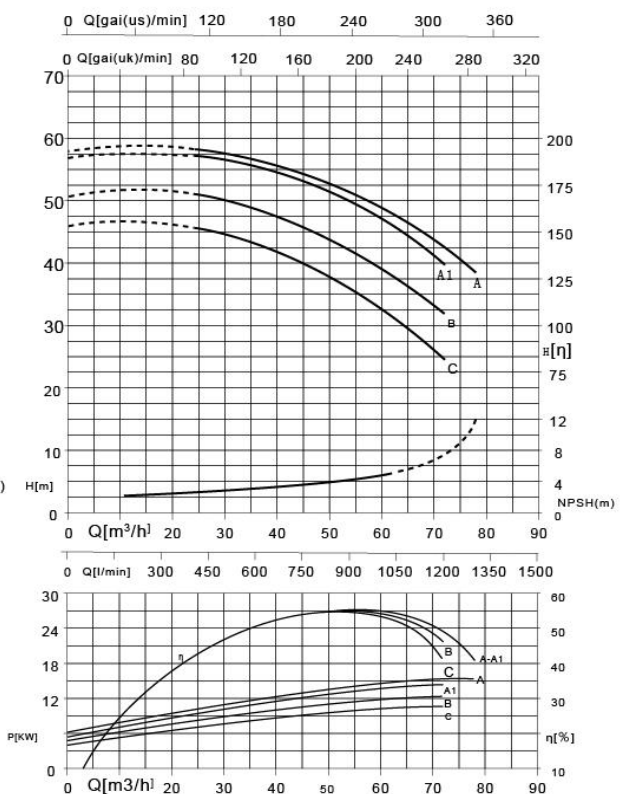
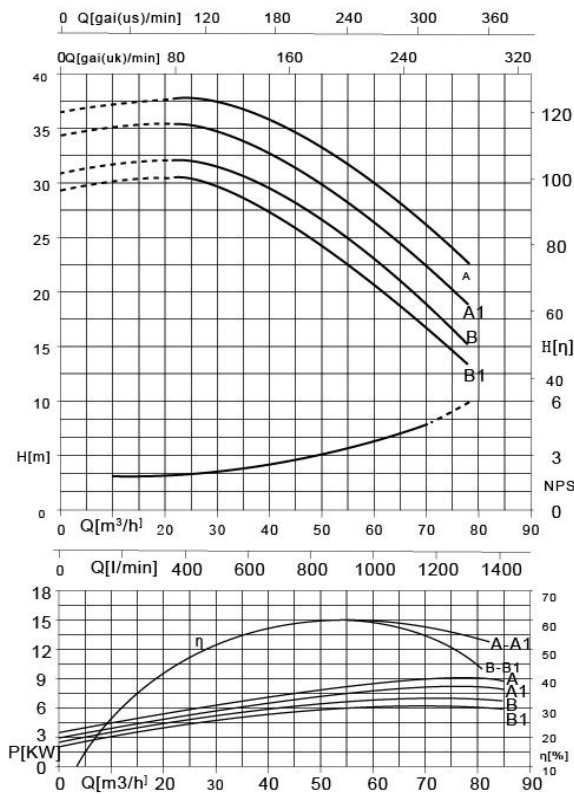
TYPE	P2		P1 (KW)		AMPERE		Q(m³/h-l/min)																
3~					1~	3~	0	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72
							0	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200
					(HP)(KW)	1~	3~	1×220V 50HZ	3×400V 50HZ	H(m)													
50-125B	4	3	—	4.25	—	71	19.6	20.2	20.2	20.1	20.0	19.8	19.5	19.3	18.8	18.5	16.0	17.6	16.5	15.3	14.0	12.5	10.8
50-125A	5.5	4	—	5.5	—	9.6	24.8	25.2	25.2	25.0	25.0	24.8	24.6	24.3	23.9	23.5	23.2	22.7	21.8	20.7	19.4	17.9	16.2

CM series

2900 r/min 50Hz

50-160

50-200



TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)														
				3~	0	21	24	27	30	33	36	39	42	48	54	60	66	72	78
					0	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300
	(HP)	(KW)	3~	3×400V 50HZ	H(m)														
50-160B1	7.5	5.5	6.2	10.7	29.3	30.3	30.2	30.0	29.6	29.0	28.4	27.7	26.9	25.2	23.2	21.0	18.7	16.0	13.2
50160B	7.5	5.5	6.7	11.6	31.1	32.1	32.0	31.7	31.4	31.0	30.4	29.7	28.9	27.3	25.3	23.1	20.7	18.0	15.2
50-160A1	10	7.5	8.3	14.1	34.3	35.4	35.3	35.0	34.7	34.3	33.8	33.2	32.4	30.7	26.7	26.5	24.3	21.8	19.0
50-160A	10	7.5	9.4	15.8	36.7	37.9	37.8	37.7	37.4	37.1	36.6	36.1	35.4	33.9	32.1	30.0	27.8	25.3	22.6

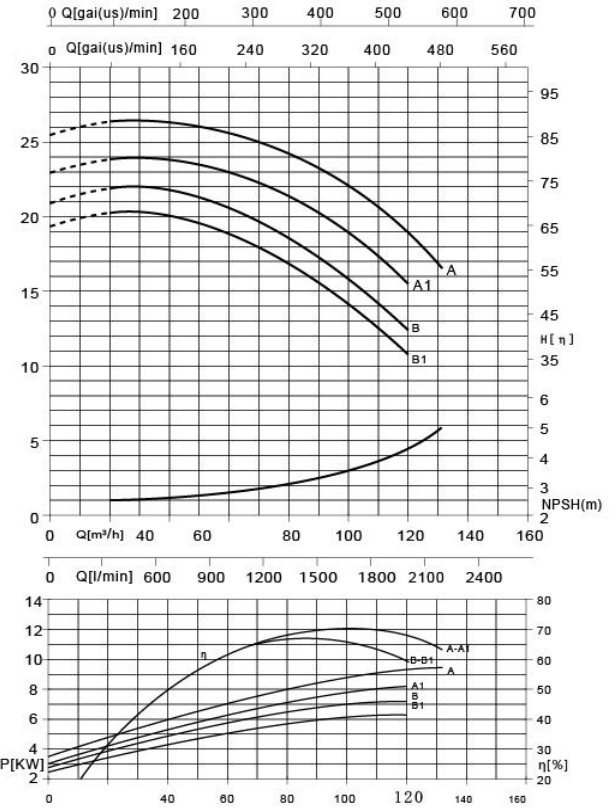
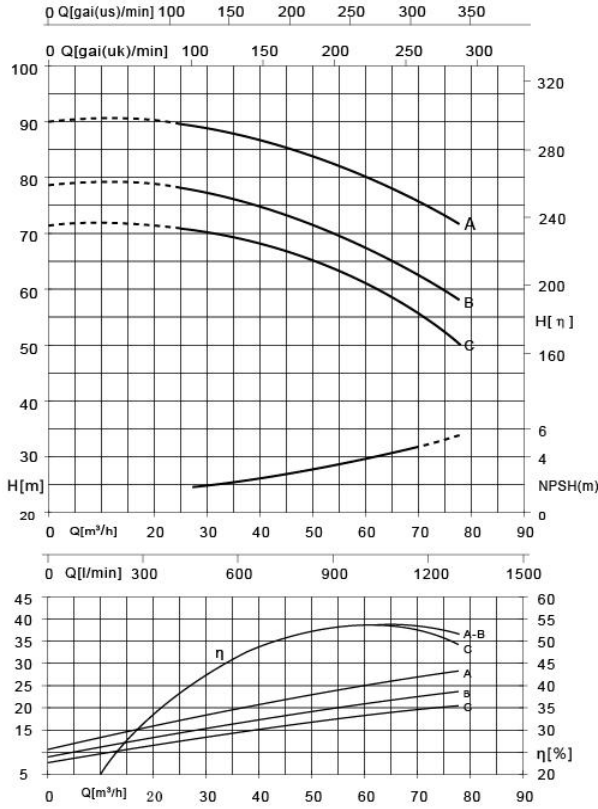
TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)														
				3~	0	24	27	30	33	36	39	42	48	54	60	66	72	78	
					0	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	
	(HP)	(KW)	3~	3×400V 50HZ	H(m)														
50-200C	12.5	9.5	10.6	16.5	46.0	45.6	45.1	44.5	43.7	42.9	41.6	40.8	38.5	35.9	33.0	29.0	24.5	—	
50-200B	15	11	12.4	21.0	50.8	51.0	50.5	50.0	49.3	48.5	47.7	46.8	44.7	42.2	39.5	35.9	32.0	—	
50-200A1	20	15	14.5	25.4	57.0	57.3	57.1	56.7	56.2	55.6	54.8	54.1	52.2	50.2	47.5	44.0	40.0	—	
50-200A	20	15	15.4	27.0	58.0	58.3	58.0	57.5	57.0	56.4	55.7	55.0	53.2	51.3	49.0	46.3	42.8	38.8	

CM series

2900 r/min 50Hz

50-250

65-125



TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)																
3~				0	27	30	33	36	39	42	48	54	60	66	72	78					
				0	450	500	550	600	650	100	800	900	1000	1100	1200	1300					
				(HP)	(KW)	3~	3×400V 50HZ	H(m)													
50-250C	20	15	20	32.5	71.5	70.8	70.3	69.7	69.0	68.3	67.6	66.0	64.0	61.5	58.6	55.0	50.5				
50-250B	25	18.5	23	41.5	78.0	78.0	77.4	76.8	76.1	75.3	74.5	72.8	70.6	68.2	65.5	62.2	58.3				
50-250A	30	22.5	28.5	51.5	90.0	89.5	88.8	88.3	87.7	86.9	86.1	84.5	82.7	80.5	78.0	75.2	71.7				

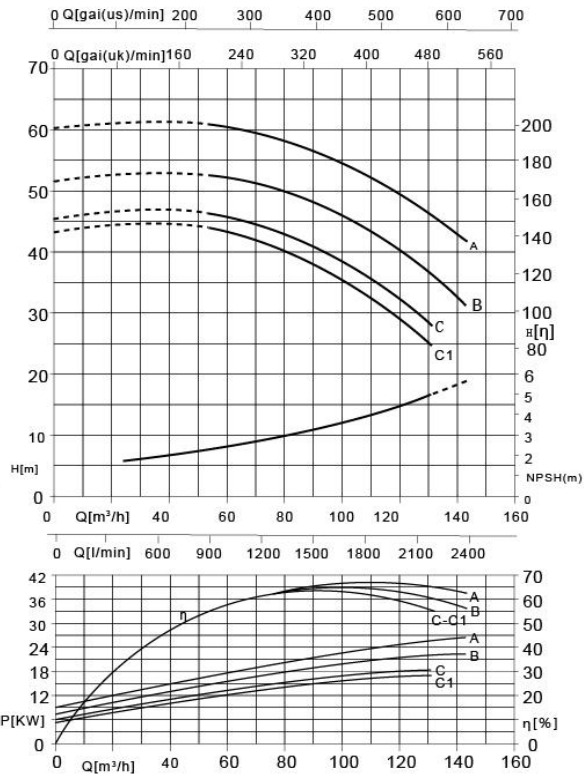
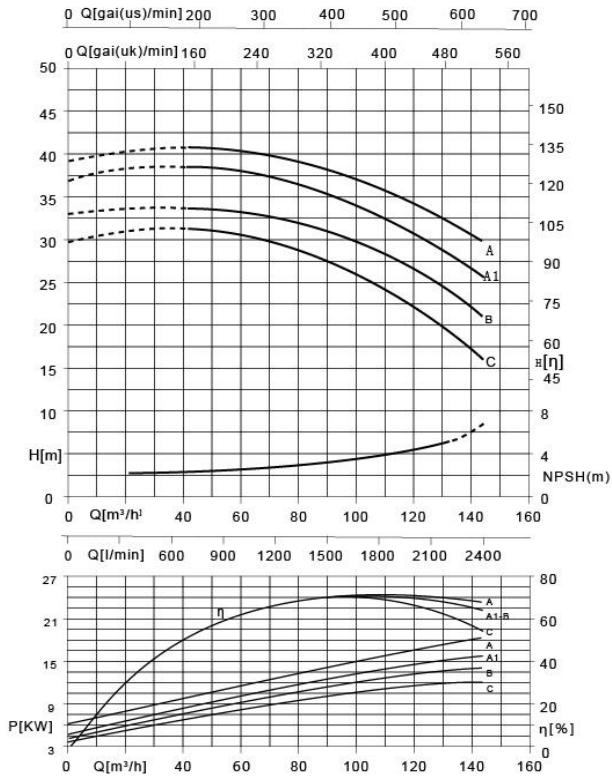
TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)																
3~				0	30	33	36	39	42	48	54	60	66	72	78	84	96	108	120	132	
				0	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	
(HP)				(KW)	3~	3×400V 50HZ	H(m)														
65-125B1	7.5	5.5	6.4	11.0	19.4	20.4	20.4	20.4	20.2	20.1	19.8	19.4	19.0	18.5	17.9	17.2	16.5	15.0	13.3	11.1	—
65-125B	7.5	5.5	7.2	12.6	20.9	22.0	22.0	22.0	21.6	21.7	21.4	21.0	20.6	20.1	19.6	19.0	18.3	16.6	14.7	12.6	—
65-125A1	10	7.5	8.1	14.0	23.0	24.1	24.1	24.1	23.9	23.8	23.6	23.3	23.0	22.7	22.3	21.8	21.2	19.7	17.8	15.7	—
65-125A	10	7.5	9.5	16.3	25.4	26.4	26.4	26.4	26.3	26.3	26.1	25.9	25.6	25.3	24.9	24.5	24.0	22.7	21.0	18.9	16.5

CM series

2900 r/min 50Hz

65-160

65-200



TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)													
3~				3~	0	42	48	54	60	66	72	78	84	96	108	120	132	144
					0	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400
				3×400V 50HZ	H(m)													
	(HP)	(KW)	3~															
65-160C	12.5	9.2	11.7	19.5	29.8	31.2	31.1	30.8	30.5	30.1	29.6	29.0	28.3	26.6	24.6	22.1	19.3	16.0
65-160B	15	11	13	22.5	33.0	34.6	34.4	34.2	34.0	33.7	33.3	32.8	32.0	30.6	28.8	26.7	24.1	21.0
65-160A1	20	15	15.8	27.6	37.1	38.5	38.3	38.1	37.8	37.5	37.1	36.7	36.1	34.6	32.8	30.7	28.4	25.7
65-160A	20	15	18	30.0	39.2	40.6	40.6	40.4	40.2	40.0	39.7	39.4	38.9	37.7	36.2	34.3	32.2	29.8

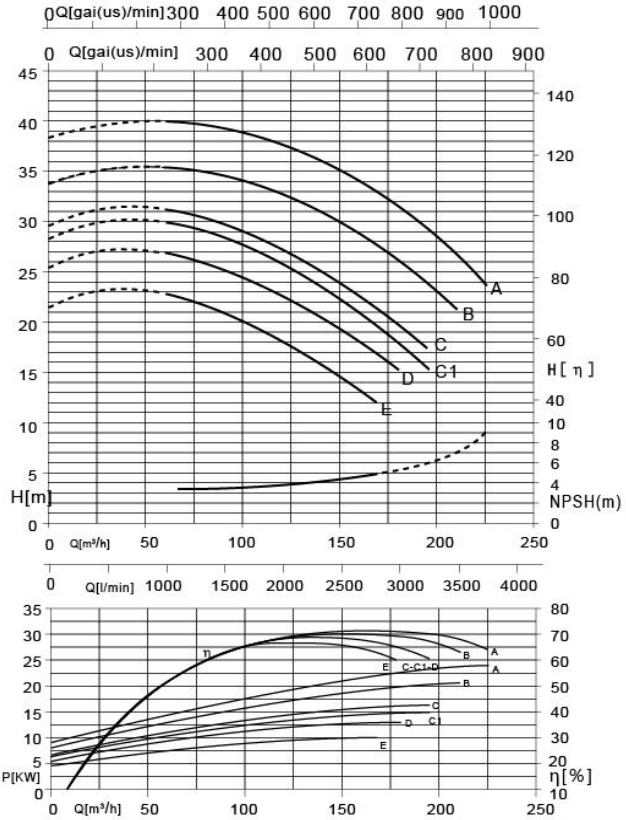
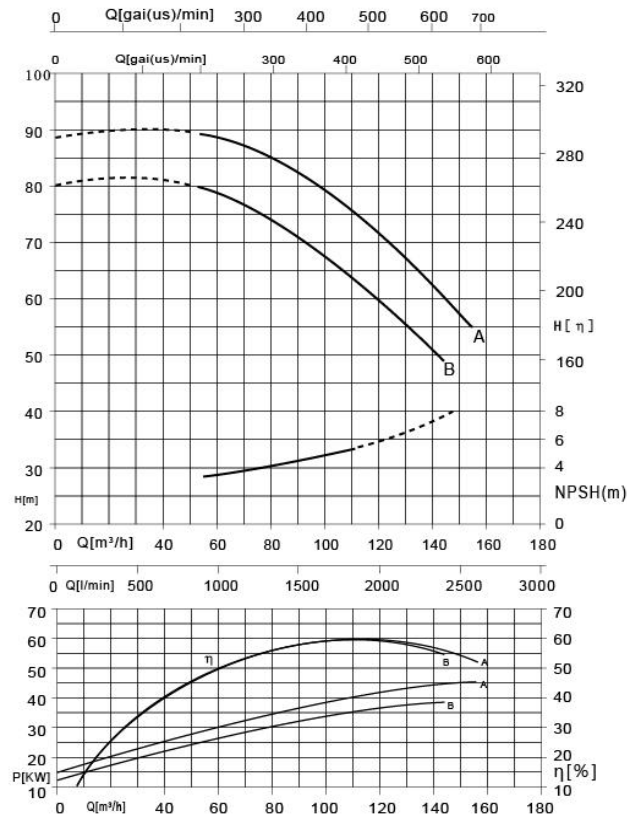
IYPE	P2		(Rw)	A	Q(m³/h-l/min)													
3~				0	54	60	66	72	78	84	96	108	120	132	144			
				0	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400			
				3×400V 50HZ	H(m)													
	(HP)	(KW)	3~															
65-200C1	20	15	17.1	26.8	43.1	45.6	43.2	42.5	41.7	40.6	39.5	36.6	33.4	29.3	24.5	—		
65-200C	20	15	18.6	31.4	45.3	46.3	45.7	45.1	44.3	43.4	42.3	39.8	36.7	32.7	28.0	—		
65-200B	25	18.5	22.6	38.2	51.6	52.6	52.2	51.8	51.0	50.2	49.3	47.1	44.1	40.9	36.6	31.3		
65-200A	35	22.5	26.6	43.8	60.2	61.0	60.6	60.1	59.5	58.7	57.8	55.8	53.1	49.8	46.1	41.7		

CM series

2900 r/min 50Hz

65-250

80-160



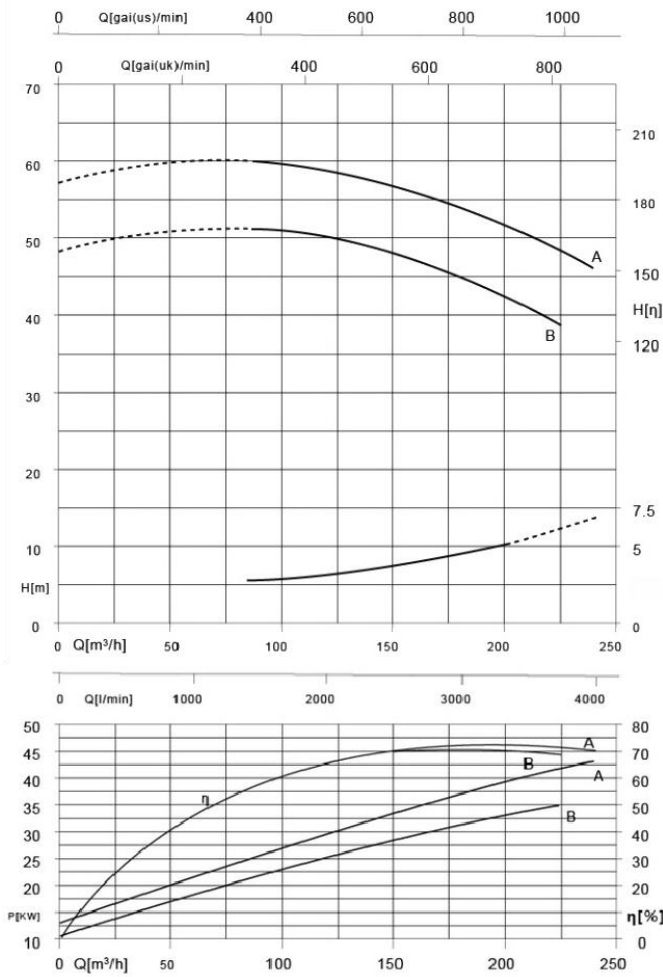
TYPE	P2		(kw)	A	Q(m³/h-l/min)															
3~				3~	0	54	60	66	72	78	84	96	108	120	132	144	156			
					0	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600			
				(HP)	(KW)	3~	3×400V 50HZ	H(m)												
65-250B	40	30	37.8	63.5	81.0	79.5	78.5	77.3	76.2	74.5	73.0	69.3	65.0	60.0	54.5	48.5	—			
65-250A	50	37	45	74.5	90.0	89.5	88.5	87.5	86.5	85.5	84.0	80.5	76.5	72.0	66.5	60.5	54.0			

TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)															
3~				0	66	72	78	84	96	08	20	132	144	156	168	180	195	210	225	
				0	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	
				3×400V 50HZ	H(m)															
	(HP)	(KW)	3~																	
80-160 E	12.5	9.2	9.9	17.2	21.4	22.4	22.1	21.6	21.2	20.2	19.2	18.0	16.8	15.4	13.7	12.0	—	—	—	—
80-160D	15	11	12.7	22.1	25.4	26.4	26.0	25.7	25.3	24.4	23.6	22.5	21.3	20.0	18.5	16.9	15.1	—	—	—
80-160 C1	20	15	14.8	25.5	28.5	29.5	29.3	29.0	28.6	27.8	26.9	25.7	24.6	23.3	21.7	19.9	17.9	15.2	—	—
80-160C	20	15	15.9	27.4	29.7	30.7	30.5	30.3	29.9	29.2	28.1	27.1	26.0	24.7	23.1	21.5	19.7	17.2	—	—
80-160 A	25	18.5	20.1	34.8	34.0	35.0	35.0	34.8	34.6	34.0	33.3	32.5	31.6	30.5	29.2	27.8	26.0	23.6	21.0	
80-160 B	30	22.5	23.7	39.8	38.8	39.8	39.7	39.6	39.4	38.9	38.2	37.5	36.7	35.7	34.5	33.2	31.6	29.4	26.8	23.5

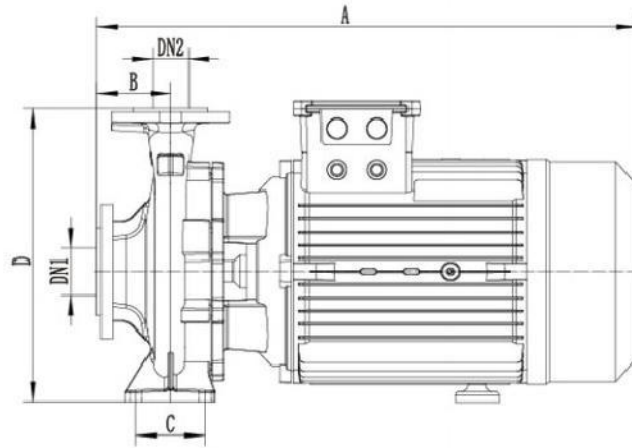
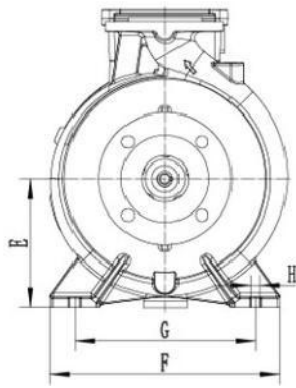
CM series

2900 r/min 50Hz

80-200



TYPE	P2		P1 (KW)	A	Q(m³/h-l/min)													
3~				0	84	96	108	120	132	144	156	168	180	195	210	225	240	
				0	1400	1600	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000	
				H(m)														
	(HP)	(KW)	3~	3×400V 50HZ														
80-200B	40	30	37.8	63.5	49	50.8	50.6	50.3	49.8	49.3	48.6	47.7	46.7	45.5	44.8	41.6	38.6	—
80-200A	50	37	45	74.5	58	—	59.6	59.2	58.6	58	57.3	56.4	55.5	54.3	52.7	50.8	48.5	46.1



MODEL	CM PUMP SIZE TABLE CM PUMP SIZE TABLE										
	Power	DN1	DN2	A	B	C	D	E	F	G	H
CM32-160C	1.5KW	50	32	482	82	72	292	132	240	190	16
CM32-160B	2.2KW	50	32	482	82	72	292	132	240	190	16
CM32-160A	3KW	50	32	497	82	72	292	132	240	190	16
CM32-200C	4KW	50	32	550	100	72	340	160	266	214	16
CM32-200B	5.5KW	50	32	615	100	72	340	160	266	214	16
CM32-200A	7.5KW	50	32	615	100	72	340	160	266	214	16
CM32-250E	5.5KW	50	32	612	85	95	405	185	327	250	16
CM32-250D	7.5KW	50	32	612	85	95	405	185	327	250	16
CM32-250C	9.2KW	50	32	612	85	95	405	185	327	250	16
CM32-250B	11KW	50	32	612	85	95	405	185	327	250	16
CM40-125C	1.5KW	65	40	470	80	70	252	112	210	160	15
CM40-125B	2.2KW	65	40	470	80	70	252	112	210	160	15
CM40-160B	3KW	65	40	497	82	72	292	132	242	190	16
CM40-160A	4KW	65	40	532	82	72	292	132	242	190	16
CM40-200B	5.5KW	65	40	615	100	72	341	160	266	241	16
CM40-200A	7.5KW	65	40	615	100	72	341	160	266	241	16
CM40-250B	11KW	65	40	745	102	95	405	180	325	250	16
CM40-250A	15KW	65	40	745	102	95	405	180	325	250	16
CM50-125B	3KW	65	50	518	100	66	302	132	241	190	15
CM50-125A	4KW	65	50	518	100	66	302	132	241	190	15
CM50-160B	5.5KW	65	50	615	100	72	341	160	266	214	16
CM50-160A	7.5KW	65	50	615	100	72	341	160	266	214	16
CM50-200C	9.5KW	65	50	623	101	72	362	160	266	214	16
CM50-200B	11KW	65	50	623	101	72	362	160	266	214	16
CM50-200A	15KW	65	50	751	101	72	362	160	266	214	16
CM50-250C	15KW	65	50	751	102	95	405	180	320	250	16
CM50-250B	18.5KW	65	50	751	102	95	405	180	320	250	16
CM50-250A	22.5KW	65	50	751	102	95	405	180	320	250	16
CM65-125B	5.5KW	80	65	623	100	95	340	160	280	212	16
CM65-125A	7.5KW	80	65	623	100	95	340	160	280	212	16
CM65-160C	9.2KW	80	65	621	100	95	360	160	282	212	16
CM65-160B	11KW	80	65	749	100	95	360	160	282	212	16
CM65-160A	15KW	80	65	749	100	95	360	160	282	212	16
CM65-200C	15KW	80	65	749	100	95	405	180	320	250	16
CM65-200B	18.5KW	80	65	749	100	95	405	180	320	250	16
CM65-200A	22.5KW	80	65	749	100	95	405	180	320	250	16
CM80-160D	11KW	100	80	781	125	92	405	180	320	250	14
CM80-160C	15KW	100	80	781	125	92	405	180	320	250	14
CM80-160B	18.5KW	100	80	781	125	92	405	180	320	250	14
CM80-160A	22.5KW	100	80	781	125	92	405	180	320	250	14
CM80-200C	22KW	100	80	781	125	96	430	180	345	276	14
CM80-200B	30KW	100	80	880	125	96	430	180	345	276	14
CM80-200A	37KW	100	80	880	125	96	430	180	345	276	14

CMS series

PRODUCT NOMENCLATURE

RANGE CHARACTERISTICS

Power	1.5-75 kW	Max flow rate	360 m³/h
Poles	2	Max head	100m
Discharge	DN32-100		



Model	Power		Voltage (V)	Frame NO.	Q.rated (m³/h)	H.rated (m)	Qmax (m³/h)	H.max (m)	Speed (r/min)	G.W. (Kg)
	(kw)	(HP)								
CMS50-32-160/1.5	1.5	2	380V	90#	12.5	20	18	24.5	2900	37
CMS50-32-160/2.2	2.2	3	380V	90#	12.5	25	18	32	2900	39
CMS50-32-200/3.0	3	4	380V	100#	15.5	32	18	35	2900	53
CMS50-32-200/4.0	4	5.5	380V	112#	12.5	42	18	43.5	2900	58
CMS50-32-200/5.4★	5.5	7.5	380V	112#	12.5	54	18	58.5	2900	63
CMS50-32-200/5.5	5.5	7.5	380V	132#	12.5	54	18	58.5	2900	77
CMS65-40-125/1.5	1.5	2	380V	90#	25	13	35	17	2900	33
CMS65-40-125/2.2	2.2	3	380V	90#	25	18	35	23.5	2900	35
CMS65-40-125/3.0	3	4	380V	100#	25	24	35	26.5	2900	47
CMS65-40-160/4.0	4	5.5	380V	112#	25	29	35	35	2900	52
CMS65-40-200/5.5★	5.5	7.5	380V	112#	25	36	35	41	2900	64
CMS65-40-200/7.5★	7.5	10	380V	112#	25	46	35	53.5	2900	70
CMS65-40-200/5.5	5.5	7.5	380V	132#	25	36	35	41	2900	78
CMS65-40-200/7.5	7.5	10	380V	132#	25	46	35	53.5	2900	82
CMS65-40-200/11	11	15	380V	132#	25	62	35	68.5	2900	161
CMS65-50-125/3.0	3	4	380V	100#	50	13	60	18.4	2900	49
CMS65-50-125/4.0	4	5.5	380V	100#	50	18	65	24	2900	55
CMS65-50-160/5.5	5.5	7.5	380V	112#	50	25	65	27	2900	83
CMS65-50-200/7.5	7.5	10	380V	132#	50	32	65	35	2900	90
CMS65-50-200/9.2	9.2	12.5	380V	132#	50	40	65	47.5	2900	98
CMS65-50-200/11.0	11	15	380V	132#	50	46	65	51.5	2900	161
CMS65-50-200/15	15	20	380V	132#	50	58	65	65	2900	171
CMS65-50-200/18.5	18.5	25	380V	160#	50	68	65	70	2900	188
CMS80-65-125/5.5	5.5	7.5	380V	112#	90	14.8	110	18.5	2900	85
CMS80-65-125/7.5	7.5	10	380V	112#	90	20	110	24	2900	92
CMS80-65-160/11.0	11	15	380V	132#	100	27	120	29	2900	163
CMS80-65-160/15	15	20	380V	132#	100	34	120	39	2900	173
CMS80-65-200/18.5	18.5	25	380V	160#	100	43	120	47.6	2900	190
CMS80-65-200/22.0	22	30	380V	160#	100	50	120	56	2900	220
CMS80-65-200/30.0	30	40	380V	/	100	64	120	68.2	2900	292
CMS100-80-160/11.0	11	15	380V	132#	140	15	180	22.4	2900	163
CMS100-80-160/15	15	20	380V	132#	140	22	180	29.4	2900	173
CMS100-80-160/18.5	18.5	25	380V	160#	140	28	180	33.5	2900	185
CMS100-80-200/22.0	22	30	380V	160#	160	33	200	41	2900	223
CMS100-80-200/30.0	30	40	380V	/	160	42	200	48	2900	292
CMS100-80-200/37.0	37	50	380V	/	160	51.2	200	57	2900	315

Standard configuration: F-class enameled wire, composite board box, human bearings,

Silicon carbide to graphite single-end mechanical seal, stainless steel locking nut, 45# shaft.

