



CE RoHS SABER

100% EUROPEAN STANDARD
60Hz



EDITION 2022

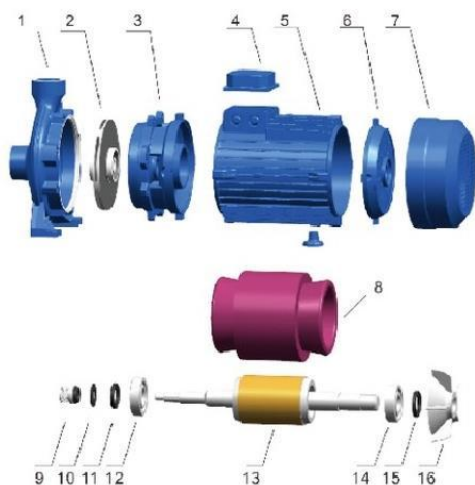
Heavy-duty ,Excellent Durability and Reliability- safeland quality

Monoblock Bareshaft Jockey Pump Firefighting Pump



CP CLOSE-COUPLED
CENTRIFUGAL PUMPS
WITH THREADED PORTS

CP EXPLOSIVE VIEW



1	pump casing	cast iron
2	impeller	brass/cast iron
3	coupling	cast iron
4	terminal box	aluminum
5	motor casing	aluminum
6	motor cover	aluminum
7	fan cover	steel
8	stator	copper
9	mechanical sea	C/G NBR
10	against hydrosphere	rubber
11	rubber seal	rubber
12	bearing	C&U / NSK
13	rotor with shaft	SS304/SS420
14	bearing	C&U / NSK
15	rubber seal	rubber
16	motor fan	plastic

CP close-coupled centrifugal pumps with threaded ports

60Hz

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

RANGE OF PERFORMANCE:

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

OPTIONS ON REQUEST:

Pump shaft in stainless steel EN 10088-3-1.4401 (AISI304)

Special mechanical seal

Protection IP 55

Other voltages or frequency 50Hz

CONSTRUCTION CHARACTERISTICS:

- PUMP BODY: cast iron, with threaded ports ISO 228/1.
- BODY BACK-PLATE: cast iron.
- IMPELLER: brass / cast iron
- 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), suitable for continuous duty.
- INSULATION: class F.
- PROTECTION IP 44.

PS STYLE MOTOR



CP-220-3kW



CP-230-7.5kW



CP-250-11kW



CP-320-4kW



CP-330-5.5kW



CP-400-3kW



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

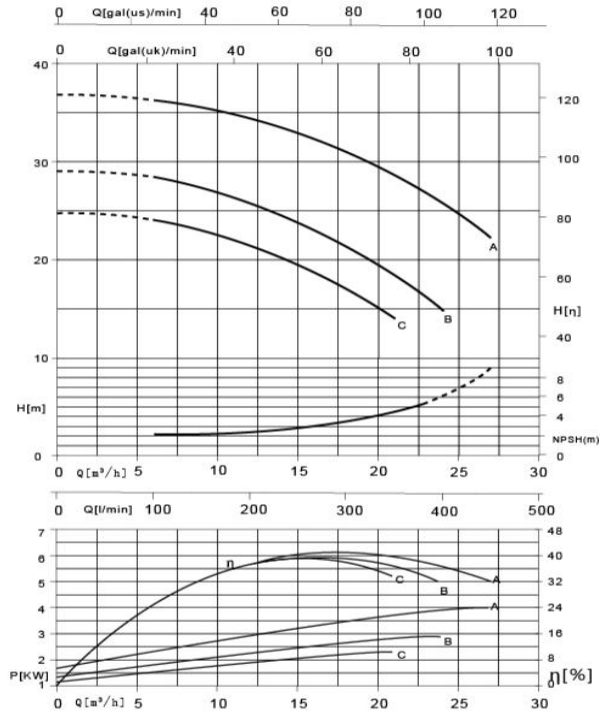
CP close-coupled centrifugal pumps with threaded ports
3500r/min 60Hz

Model		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 60HZ	Q L/min	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	3.8	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	5.0		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			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	8.8	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	12.4		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	15.0		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	15.0	H meters	59		57	56	55.5	55	54	53	50	45	38	33	32	30															
CPm320B	CP320B	3	4.0	4.4	2"-2" 50-50	7.1	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	8.8		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	12.7	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	16.5		57				57	57	57	56	55.5	54	53	51	49	46	44	41													
CPm400B	CP400B	3	4.0	4	3"-3" 80-80	7.2	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	8.8		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	12.4	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	23.9	H meters	35															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	26.9		40.6																40.6	40.6	40	40.2	40	39.7	39.4	38.9	37.7	36.2	34.3	32.2	29.8
	CP530C	15	20	21	4"-4" 100-100	31.0	H meters	45																	46	45.5	45	44	43	42	40	37	33	28		
	CP530B	18.5	25	23	4"-4" 100-100	41.0		54																	53	52	51.5	51	50	49	47	44	41	37	31	
	CP530A	22	30	27	4"-4" 100-100	44.0		61																	61	60	60	59	58.5	57.5	55.8	53	49.8	46	42	

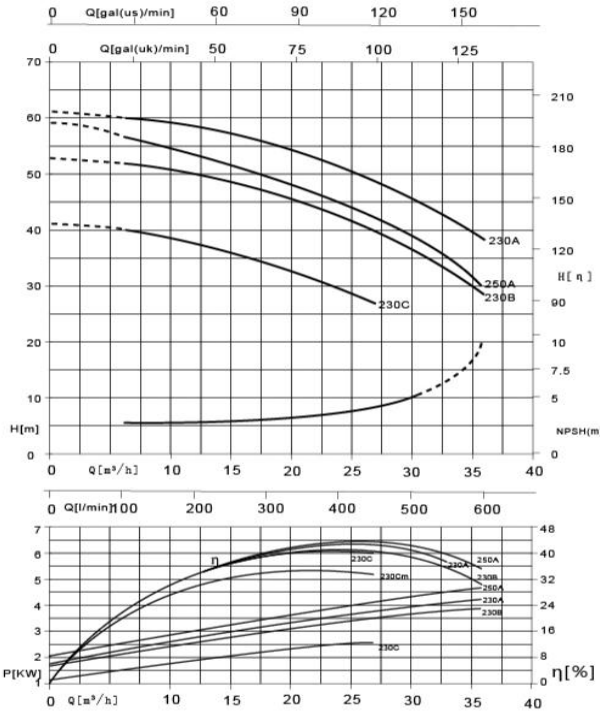
CP series

3500 r/min 60Hz

CP220



CP230-250



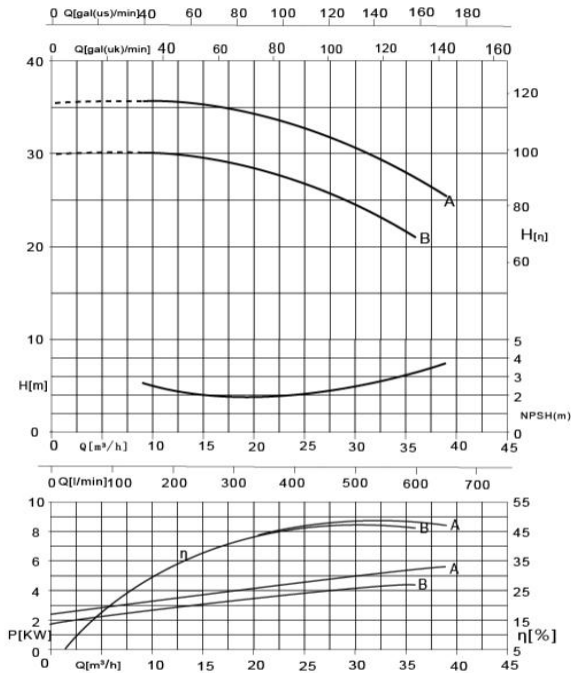
TYPE		P2		P1	INLET-OUTLET	A	Q m³/h	0	4.5	6	7.5	9	12	15	18	21	24	27
Single-phase	Three-phase	KW	HP	KW	Inch mm	3-380V 60HZ	Q L/min	0	75	100	125	150	200	250	300	350	400	450
CPm220C	CP220C	1.5	2	2.3	2"-2" 50-50	3.8	H meters	25	24	24	24	23	22	20	17	14		
CPm220B	CP220B	2.2	3	2.9	2"-2" 50-50	5.0		29		29	28	27	26	24	21	19	15	
CPm220A	CP220A	3	4	4.1	2"-2" 50-50	6.7		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 60HZ	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	8.8	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	12.4		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	15		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	15		59	57	56	56	55	54	53	50	45	38	33	32	30

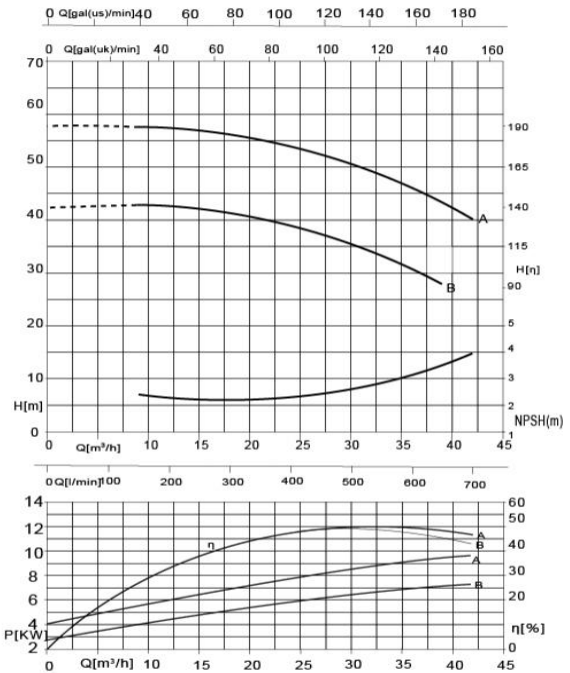
CP series

3500 r/min 60Hz

CP320



CP330



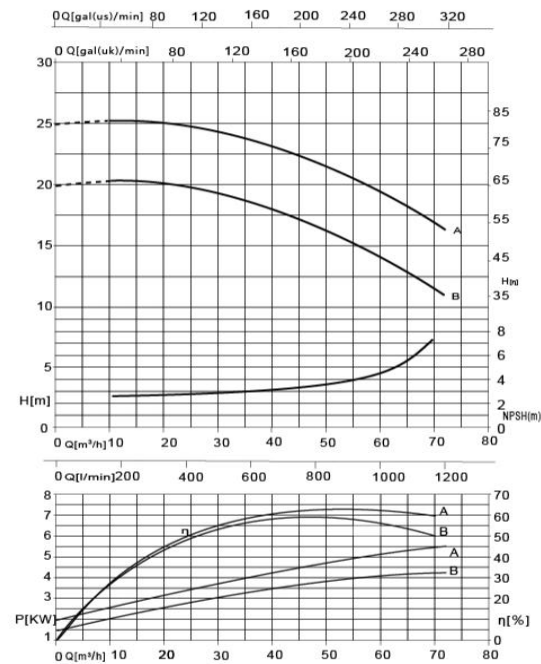
TYPE		P2		P1	INLET-OUTLET	A	Q m³/h	0	9	12	15	18	21	24	27	30	33	36	39	
Single-phase	Three-phase	KW	HP	KW	Inch mm	3-380V 60HZ	Q L/min	0	150	200	250	300	350	400	450	500	550	600	650	
CPm320B	CP320B	3	4	4.4	2"-2" 50-50	7.1	H meters	30	30	30	30	29	28	27	26	24	23	21		
CPm320A	CP320A	4	5.5	5.2	2"-2" 50-50	8.8		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 60HZ	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	12.7	H meters	42	42	42	42	42	41	39	38	36	34	31	28	
	CP330A	7.5	10	9.8	2"-2" 50-50	16.5		57	57	57	57	56	56	54	53	51	49	46	44	41

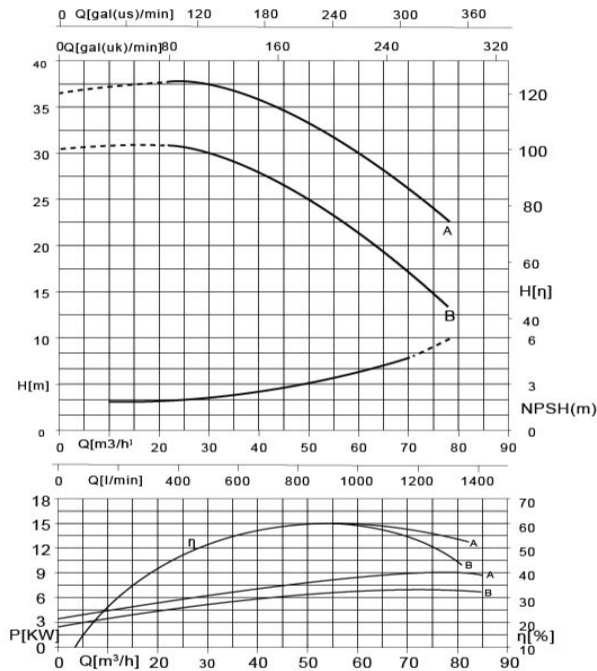
CP series

3500 r/min 60Hz

CP400



CP420



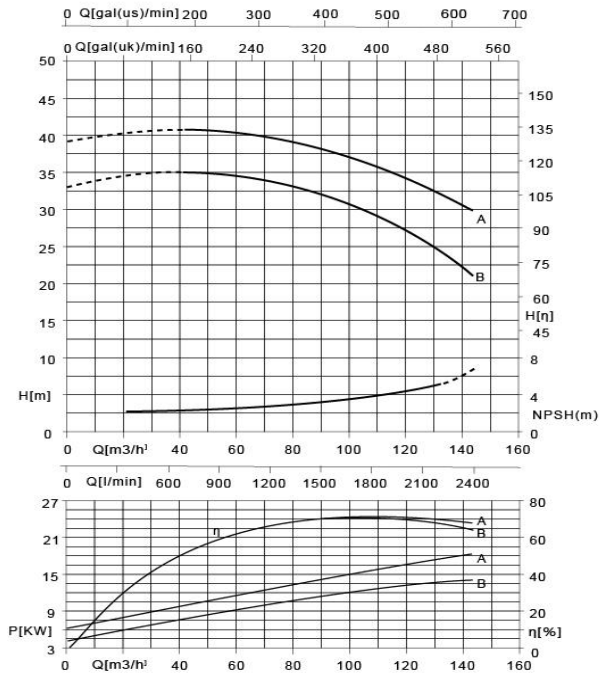
TYPE	P2		P1	INLET-OUTLET	A	Q m³/h	0	21	24	27	30	33	36	39	42	48	54	60	66	72
Three-phase	KW	HP	KW	Inch mm	3-380V 60HZ	Q L/min	0	350	400	450	500	550	600	650	700	800	900	1000	1100	1200
CP400B	3	4	4	3"-3" 80-80	7.2	H meters	20	20	19.8	19.5	19.3	18.8	18.5	17	16.5	16	15.5	14	13	11
CP400A	4	5.5	5	3"-3" 80-80	8.8		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 60HZ	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	12.4	H meters	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

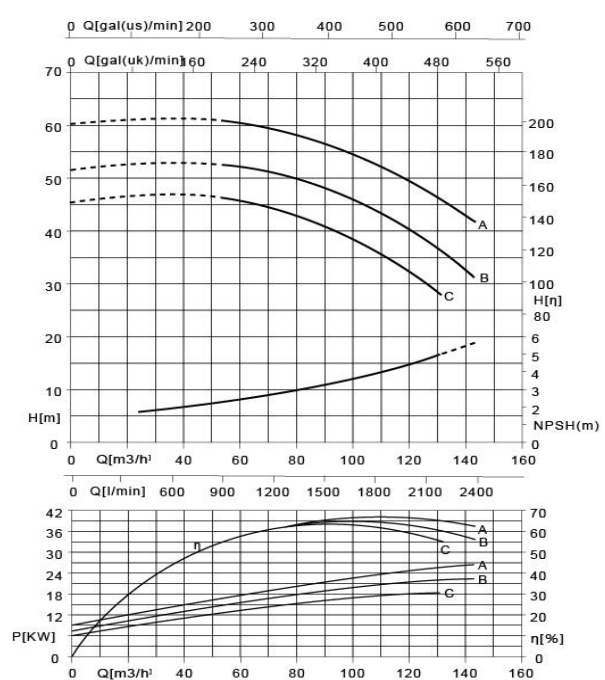
CP series

3500 r/min 60Hz

CP520



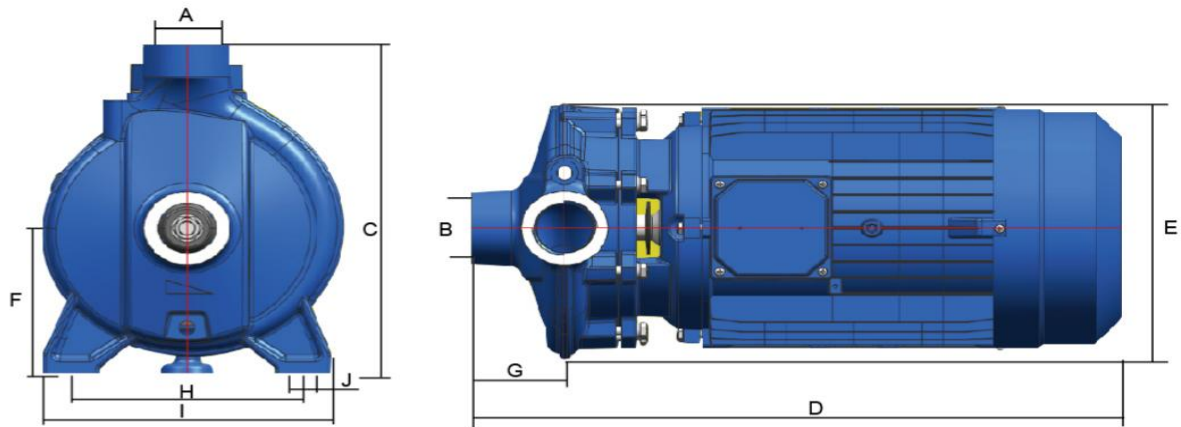
CP530



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 60HZ	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	23.9	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	2"-2" 50-50	8.8		36	36	36	35	35	34	33	32	31	29	27	25		

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 60HZ	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	28
	CP530B	18.5	25	23	4"-4" 100-100	41		54	53	52	51.5	51	50	49	47	44	41	37	31
	CP530A	22	30	27	4"-4" 100-100	44		60	61	60	60	59	58.5	57.5	55.8	53	49.8	46	42

CP 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								
	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	3	4.0	50	50	307	495/495	250	132	84	190	242
	CPm320A	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	3	4.0	80	80	317	497/497	255	132	93	190	242
	CPm400A	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

CM series

3500 r/min 60Hz

CONSTRUCTION FEATURES

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

MOTOR

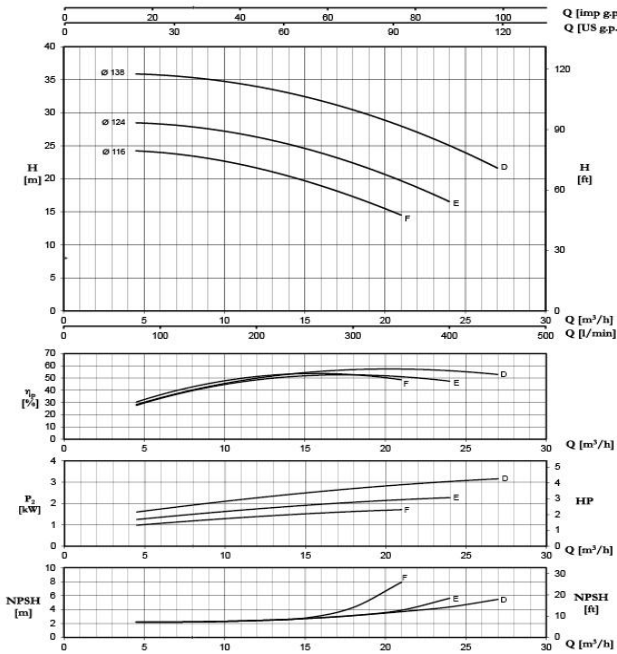
2 pole induction motor 3-220/380V/440V/660V/110V
60Hz
Insulation class F
Protection degree Ip55

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;

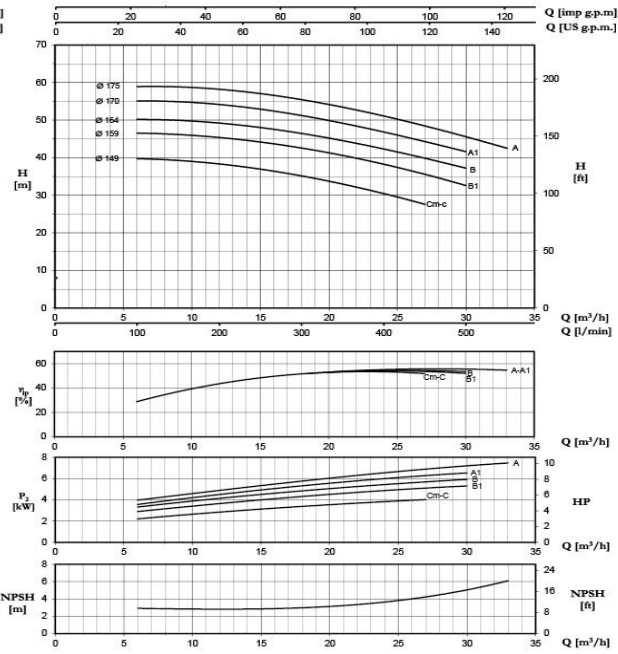
CM monoblock



CM Bareshaft

CM series**3450 r/min 60Hz****32-160**

Tolerance:ISO 9906:2012-GRade 3B

32-160

Tolerance:ISO 9906:2012-Grade 3B

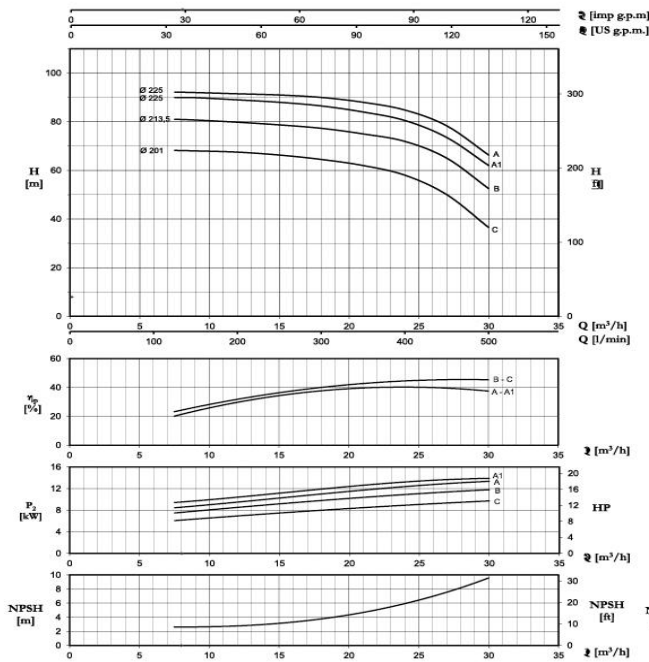
TYPE		P2		P1 (kW)		A		Q (m³/h-l/min)									
1~	3~					1~	3~	0	4.5	6	9	12	15	18	21	24	27
		(HP)	(kW)	1~	3~	1x220V 60Hz	3x380V 60Hz	0	75	100	150	200	250	300	350	400	450
		H (m)															
32-160 Fm	32-160 F	2	1.5	2.4	2.2	10.9	3.8	24.5	24.3	24.0	23.1	21.7	19.7	17.3	14.5	—	—
32-160 Em	32-160 E	3	2.2	2.9	2.7	13.6	5.0	28.5	28.5	28.3	27.5	26.4	24.7	22.4	19.6	16.6	—
—	32-160 D	4	3	—	3.7	—	6.7	35.7	35.9	35.8	35	33.8	32.6	30.7	27.9	24.8	21.8

TYPE		P2		P1 (kW)		A		Q (m³/h-l/min)									
1~	3~					1~	3~	0	6	9	12	15	21	24	27	30	33
		(HP)	(kW)	1~	3~	1x220V 60Hz	3x380V 60Hz	0	100	150	200	250	350	400	450	500	550
		H (m)															
32-160 Cm	—	5.5	4.0	5.3	—	24	—	40.1	39.7	39.3	38.3	36.9	33.0	30.4	27.6	—	—
—	32-160 C	5.5	4.0	—	4.9	—	8.8	40.1	39.7	39.3	38.3	36.9	33.0	30.4	27.6	—	—
—	32-160 B1	7.5	5.5	—	6.3	—	11.1	46.4	46.5	46.2	45.4	44.2	40.5	38.3	35.7	32.5	—
—	32-160 B	7.5	5.5	—	7.0	—	12.4	50.1	50.2	49.9	49.3	48.0	44.5	42.4	39.8	37.2	—
—	32-160 A1	10	7.5	—	7.5	—	13.1	55.1	55.1	54.9	54.2	52.9	49.2	46.8	44.3	41.6	—
—	32-160 A	10	7.5	—	8.5	—	15.0	58.6	59.0	58.8	58.2	57.1	53.4	51.1	48.4	45.6	42.5

CM series

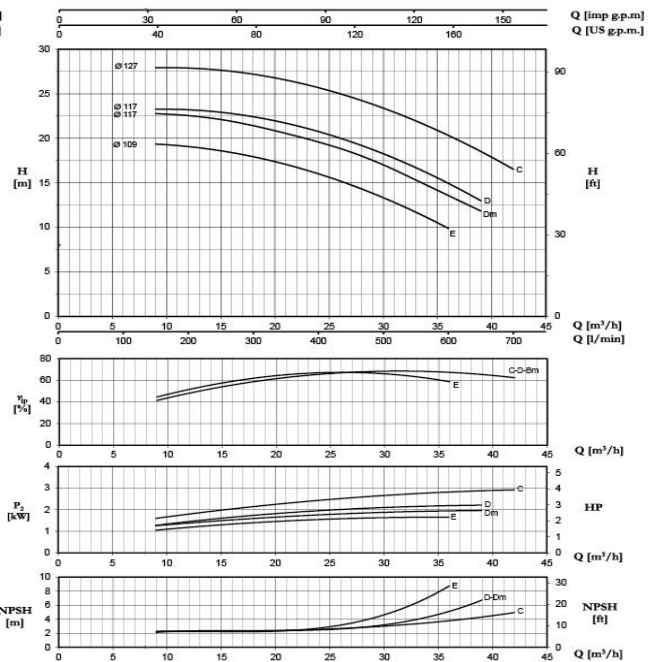
3450 r/min 60Hz

32-200



Tolerance:ISO 9906:2012-Grade 3B

40-125



Tolerance:ISO 9906:2012-Grade 3B

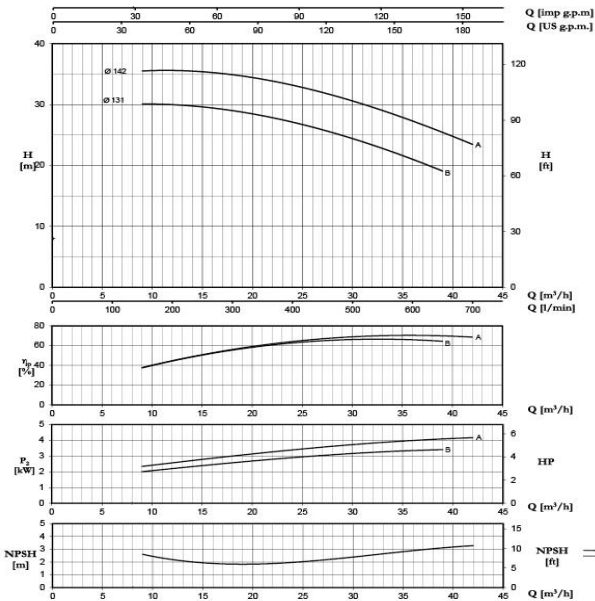
TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)									
3~				0	7.5	9	12	15	18	21	24	27	30	
				0	125	150	200	250	300	350	400	450	500	
3~	(HP)	(kW)	3~	3x380V 60Hz	H (m)									
32-200C	12.5	9.2	11.9	20.1	70.0	68.5	68.0	67.0	65.5	63.5	61.0	58.0	50.0	36.5
32-200B	15	11	14.4	24.2	82.0	81.0	80.5	79.5	78.5	77.0	74.5	71.9	65.0	52.5
32-250A1	20	15	16	27.4	91.0	90.0	89.9	89.0	88.0	86.0	83.5	80.8	74.0	61.5
32-250A	20	15	18.1	30.1	93.0	92.5	92.0	91.5	90.5	89.5	87.5	85.0	78.5	66

TYPE		P2		P1 (kW)		A		Q (m³/h-l/min)									
1~	3~					0	6	9	12	15	21	24	27	30	33		
																1~	3~
						(HP)	(kW)	1~	3~	1x220V 60Hz	3x380V 60Hz	H (m)					
40-125 Em	40-125 E	2	1.5	2.2	2.1	10.1	3.7	19.0	19.3	18.6	17.0	14.8	13.3	11.6	9.9	—	—
—	40-125 D	3	2.2	—	2.8	—	5.2	23.0	23.3	22.9	21.6	19.7	18.3	16.6	14.8	13.0	—
40-125 Dm	—	3	2.2	2.7	—	13.0	—	22.5	22.8	22.1	20.5	18.5	17.0	15.3	13.6	11.8	—
—	40-125 C	4	3	—	3.5	—	6.5	27.6	27.9	27.7	26.5	24.6	23.5	22.0	20.3	18.4	16.6

CM series

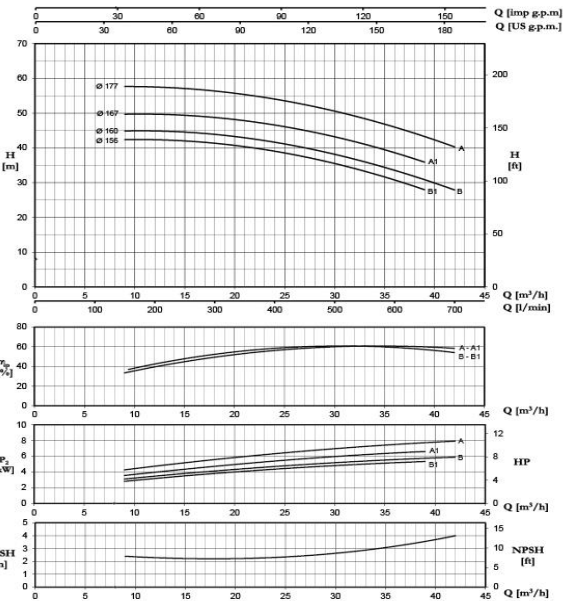
3450 r/min 60Hz

40-125



Tolerance:ISO 9906:2012 -Grade 3B

40-160



Tolerance:ISO 9906:2012 -Grade 3B

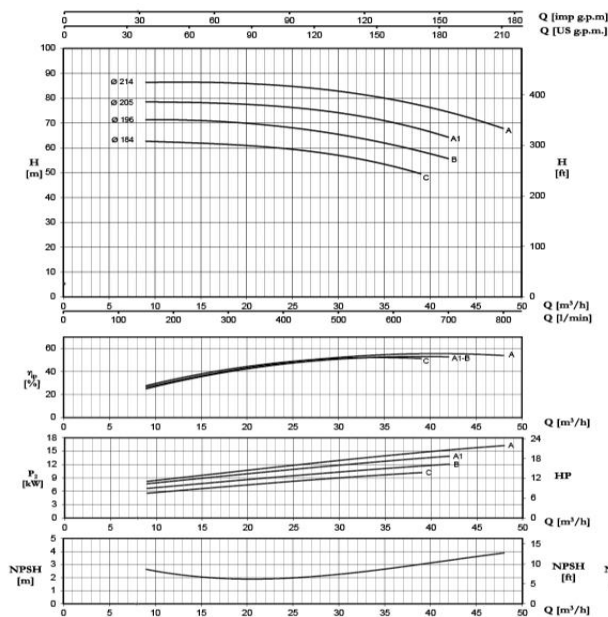
TYPE		P2		P1 (kW)		A		Q (m³/h-l/min)																
1~	3~					1~	3~	0	9	12	15	18	21	24	27	30	33	36	39	42				
								0	150	200	250	300	350	400	450	500	550	600	650	700				
		(HP)	(kW)	1~	3~	1x220V 60Hz	3x380V 60Hz	H (m)																
40-125 B	40-125 B	4	3	4.3	4.2	19.0	7.2	30.0	30.1	30.0	29.6	29.0	28.2	27.1	25.9	24.4	22.8	21.0	19.1	—				
40-125 A	40-125 A	5.5	4	5.4	5.1	24.5	9.2	35.4	35.6	35.5	35.3	35.0	34.2	33.2	32.0	30.6	29.0	27.3	25.4	23.5				

TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)													
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~	3x380V 60Hz	H (m)													
40-160 B1	7.5	5.5	6.5	11.1	42.2	42.4	42.3	42.1	41.3	40.3	39.1	37.5	35.5	33.3	30.7	28.0	—	
40-160 B	7.5	5.5	7.4	12.7	44.7	44.9	44.8	44.6	44.0	42.9	41.6	40.0	38.1	36.1	33.6	30.8	27.9	
40-160 A1	10	7.5	8.1	13.8	49.7	49.7	49.7	49.4	48.7	47.9	46.6	45.0	43.2	41.1	38.6	35.9	—	
40-160 A	10	7.5	9.8	16.5	57.7	57.7	57.5	57.1	56.3	55.4	54.1	52.5	50.5	48.5	45.9	43.3	40.3	

CM series

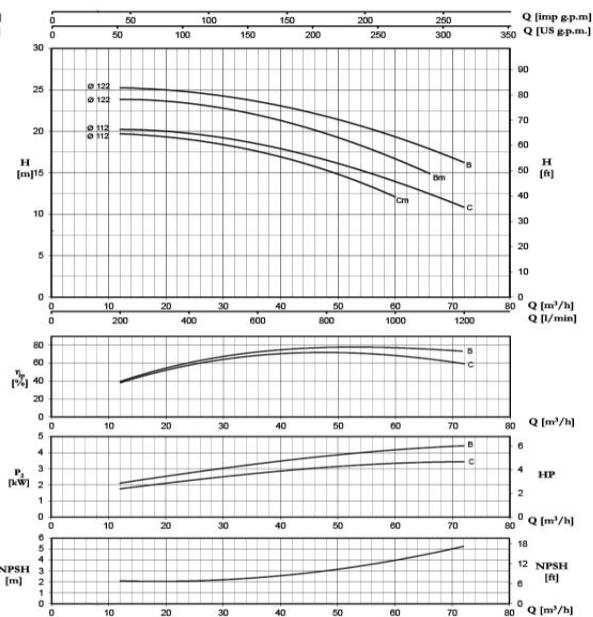
3450 r/min 60Hz

40-200



Tolerance:ISO 9906:2012-Grade 3B

50-125



Tolerance:ISO 9906:2012-Grade 3B

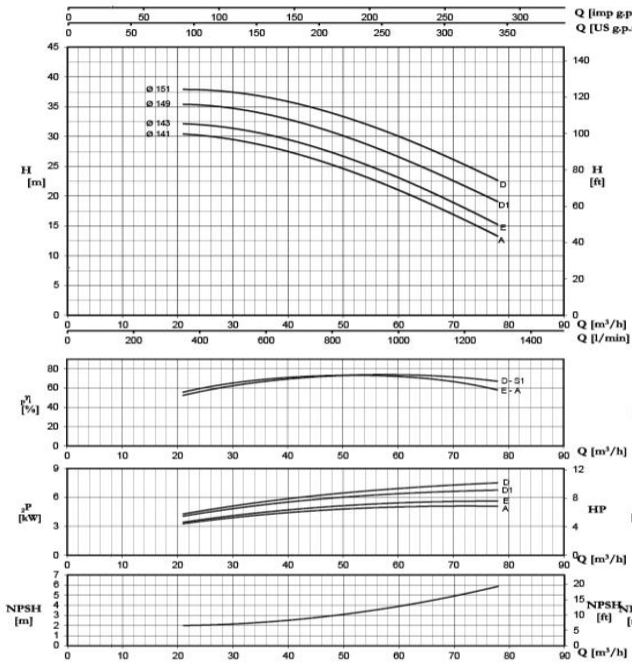
TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)													
	(HP)	(kW)	3~	3~	0	9	12	15	18	21	24	27	30	33	36	39	42	48
3~					0	150	200	250	300	350	400	450	500	550	600	650	700	800
				3x380V 60Hz	H (m)													
40-200 C	12.5	9.2	11.9	20.2	63.0	62.6	62.4	61.9	61.3	60.5	59.7	58.6	57.1	55.0	52.4	49.6	—	—
40-200 B	15	11	14	23.9	70.8	71.3	71.2	71.0	70.5	69.8	68.4	66.6	65.4	63.8	61.2	58.5	55.6	—
40-200 A1	20	15	15.9	26.9	77.9	78.5	78.4	78.2	77.8	77.3	76.6	75.5	74.1	72.5	70.2	67.4	64.3	—
40-200 A	20	15	19	31.3	86.1	86.3	86.5	86.4	86.0	85.6	85.0	84.1	82.9	81.3	79.4	77.0	74.3	67.9

TYPE		P2		P1 (kW)	A	Q (m³/h-l/min)													
		(HP)	(kW)	1~	3~	1~	3~	0	12	15	18	21	24	27	30	33	36	39	42
1~	3~					1x220V 60Hz	3x380V 60Hz	0	200	250	300	350	400	450	500	550	600	650	700
						H (m)												800	900
—	50-125 C	4	3	—	4.25	—	7.1	19.8	20.2	20.2	20.1	20.0	19.8	19.5	19.3	18.8	18.5	18.0	17.6
50-125 Cm	—	4	3	4.2	—	18.4	—	19.5	19.7	19.6	19.5	19.3	19.0	18.7	18.4	18.0	17.6	17.1	16.6
—	50-125 B	5.5	4	—	5.5	—	9.6	24.8	25.2	25.2	25.1	25.0	24.8	24.6	24.3	23.9	23.5	23.2	22.7
50-125 Bm	—	5.5	4	5.6	—	25.4	—	23.7	23.9	23.8	23.7	23.6	23.4	23.1	22.8	22.4	22.0	21.5	20.9

CM series

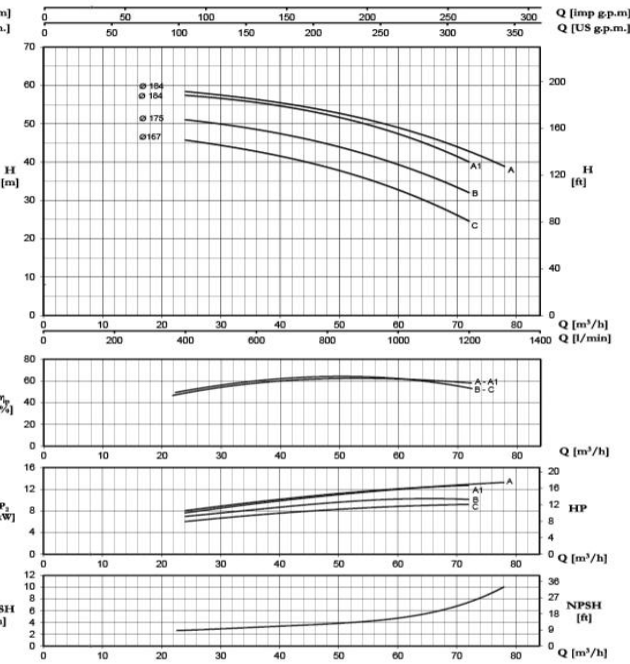
3450 r/min 60Hz

50-125



Tolerance:ISO 9906:2012-Grade 3B

50-160



Tolerance:ISO 9906:2012-Grade 3B

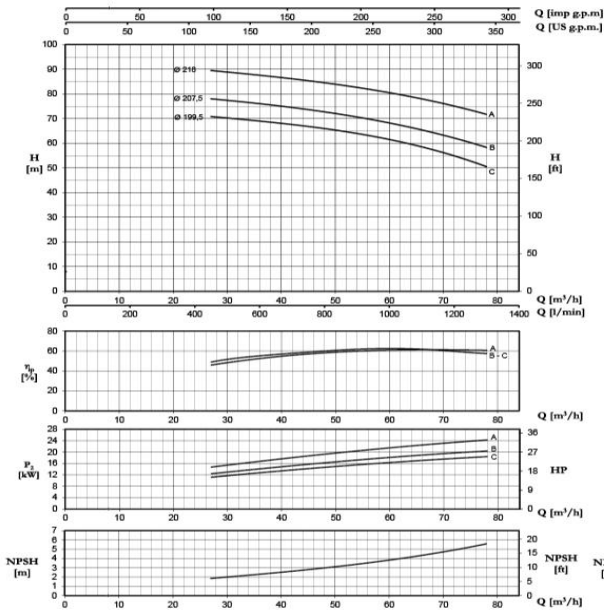
TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)														
3~				0	21	24	27	30	33	36	39	42	48	54	60	66	72	78	
				0	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	
3~	(HP)	(kW)	3~	3x380V 60Hz	H (m)														
50-125 A	7.5	5.5	6.2	10.7	29.3	30.3	30.2	30.0	29.6	29.0	28.4	27.7	26.9	25.2	23.2	21.0	18.7	16.1	13.2
50-160 E	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
50-160 D1	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	28.7	26.5	24.3	21.8	19.0
50-160 D	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		
3~	(HP)	(kW)	3~	3x380V 60Hz	H (m)														
50-160 C	12.5	9.2	10.8	18.5	46.0	45.6	45.1	44.5	43.7	42.9	41.8	40.8	38.5	35.9	33.0	29.0	24.5	–	
50-160 B	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	–	
50-160 A1	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	–	
50-160 A	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

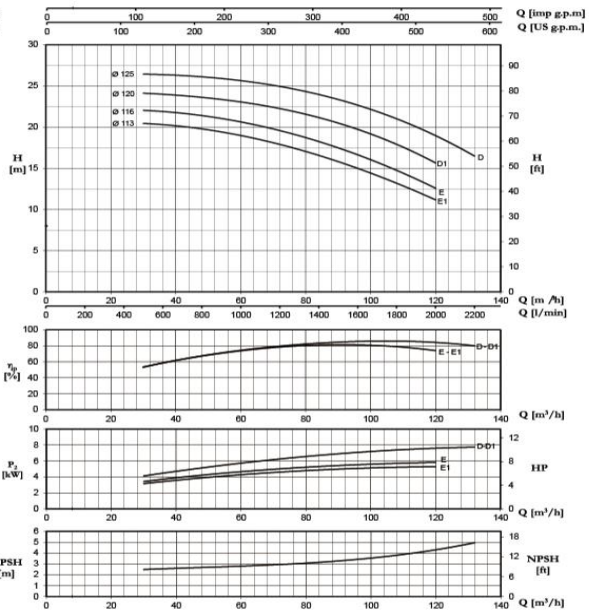
3450 r/min 60Hz

50-200



Tolerance:ISO 9906:2012 -Grade 3B

65-125



Tolerance:ISO 9906:2012 -Grade 3B

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	700	800	900	1000	1100	1200	1300		
3~	(HP)	(kW)	3~	3x380V 60Hz	H (m)													
50-200 C	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	
50-200 B	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	
50-200 A	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	

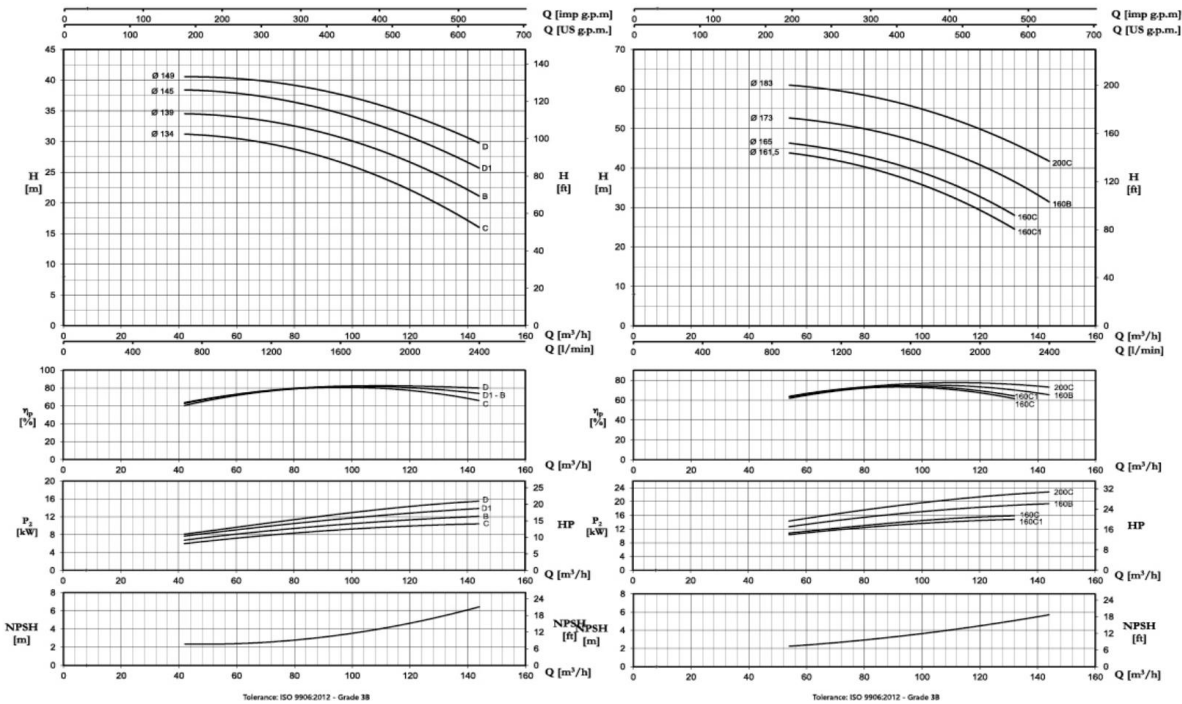
TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)																	
3~				0	30	33	36	39	42	48	54	60	66	72	78	84	96	108	120	132		
				0	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200		
3~	(HP)	(kW)	3~	3x380V 60Hz	H (m)																	
65-125 E1	7.5	5.5	6.4	11	19.4	20.4	20.4	20.3	20.2	20.1	19.8	19.4	19.0	18.5	17.9	17.2	16.5	15.0	13.3	11.1	—	
65-125 E	7.5	5.5	7.2	12.6	20.9	22	22.0	21.9	21.8	21.7	21.4	21.0	20.6	20.1	19.6	19.0	18.3	16.6	14.7	12.6	—	
65-125 D1	10	7.5	8.1	14	23	24.1	24.1	24.0	23.9	23.8	23.6	23.3	23.0	22.7	22.3	21.8	21.2	19.7	17.8	15.7	—	
65-125 D	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

3450 r/min 60Hz

65-125

65-160



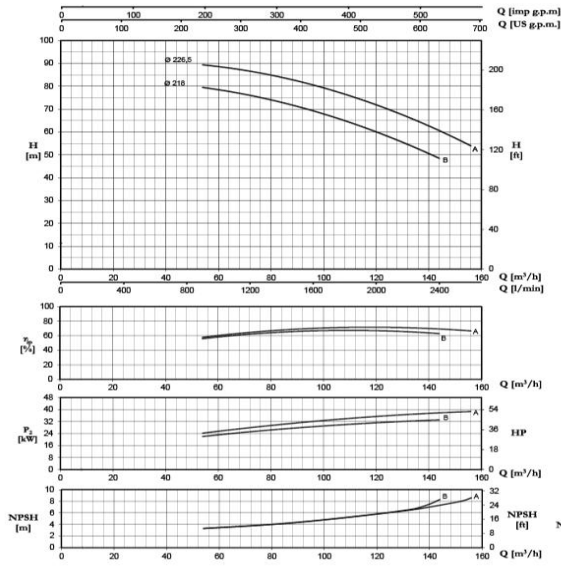
TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)									
					0	42	48	60	72	78	84	108	132	144
3~	(HP)	(kW)	3~	3x380V 60Hz	0	700	800	1000	1200	1300	1400	1800	2200	2400
					H (m)									
65-125 C	12.5	9.2	11.7	19.5	29.8	31.2	31.1	30.5	29.6	29.0	28.3	24.6	19.3	16.0
65-125 B	15	11	13	22.5	33.0	34.6	34.4	34.0	33.3	32.8	32.1	28.8	24.1	21.1
65-125 D1	20	15	15.8	27.6	37.1	38.5	38.3	37.8	37.1	36.7	36.1	32.8	28.4	25.7
65-125 D	20	15	18.0	30.0	39.2	40.6	40.6	40.2	39.7	39.4	38.9	36.2	32.2	29.8

TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)									
					0	54	60	66	72	78	84	96	108	120
3~	(HP)	(kW)	3~	3x380V 60Hz	0	900	1000	1100	1200	1300	1400	1600	1800	2000
					H (m)									
65-160 C1	20	15	17.1	28.8	43.1	43.8	43.2	42.5	41.7	40.6	39.5	36.8	33.4	29.3
65-160 C	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
65-160 B	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
65-200 C	30	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

CM series

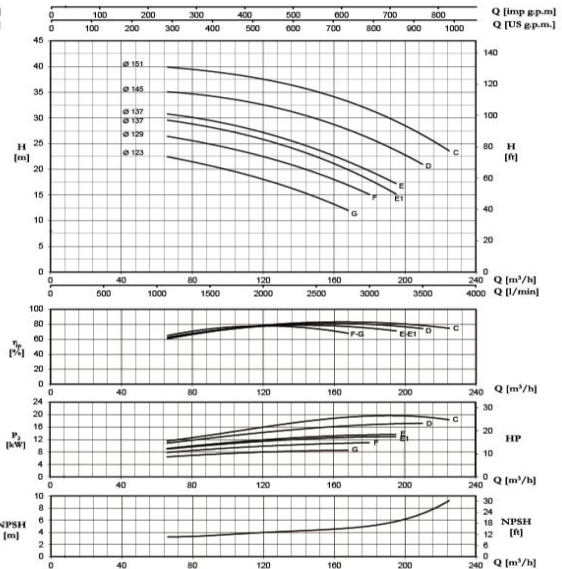
3450 r/min 60Hz

65-200



Tolerance:ISO 9906:2012-Grade 3B

80-160



Tolerance:ISO 9906:2012-Grade 3B

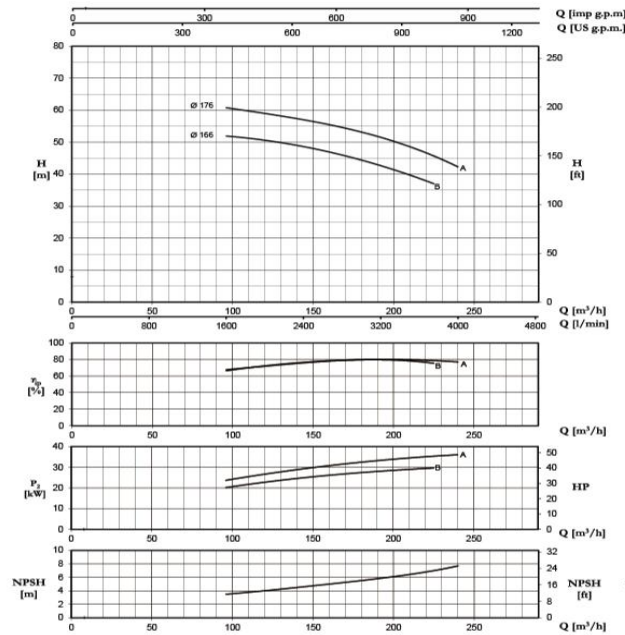
TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)												
				3~	0	54	60	66	72	78	84	96	108	120	132	144	156
					0	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600
	(HP)	(kW)	3~	3x380V 60Hz	H (m)												
65-200 B	40	30	37.8	63.5	81.0	79.5	78.5	77.3	76.0	74.5	73.0	69.3	65.0	60.0	54.5	48.5	—
65-200 A	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	108	120	132	144	156	168	180	195	210	225	
					0	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	
	(HP)	(kW)	3~	3x380V 60Hz	H (m)																
80-160 G	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	—	—	—	—	
80-160 F	15	11	12.7	22.1	25.4	26.4	26.1	25.7	25.3	24.4	23.6	22.5	21.3	20.0	18.5	16.9	15.1	—	—	—	
80-160 E1	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	—	—	
80-160 E	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 D	25	18.5	20.1	34.8	34	35	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 C	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

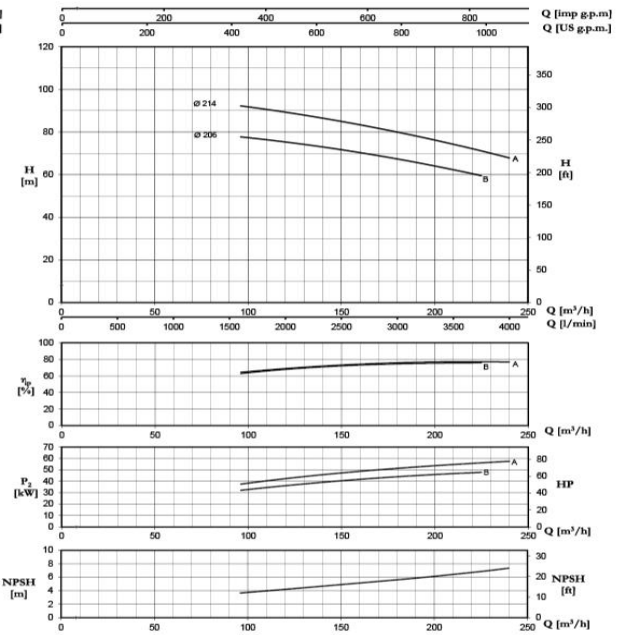
3450 r/min 60Hz

80-160



Tolerance:ISO 9906:2012-Grade 3B

80-200



Tolerance:ISO 9906:2012-Grade 3B

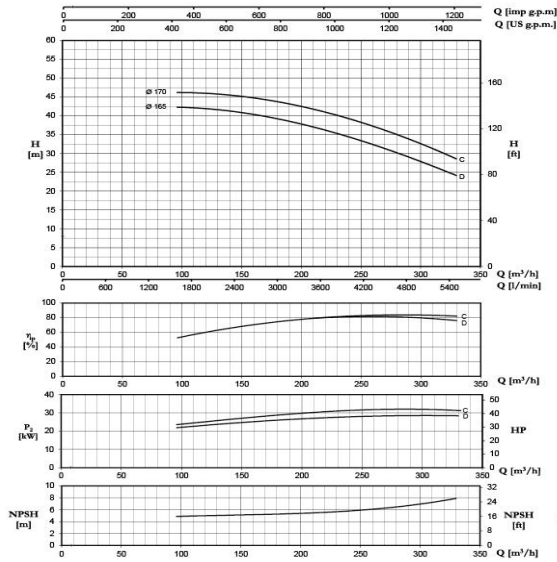
TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)									
					0	96	120	132	156	168	180	210	225	240
3~	(HP)	(kW)	3~	3x380V 60Hz	0	1600	2000	2200	2600	2800	3000	3500	3750	4000
					H (m)									
80-160 B	40	30	39.0	59.0	48.5	52.3	50.4	49.4	47.2	46.2	44.9	39.7	36.6	—
80-160 A	50	37	41.4	70.0	56.0	60.8	59.0	58.1	55.8	54.6	53.2	48.6	45.7	42.3

TYPE	Nominal Power (kW)	Motor size	Q (m³/h-l/min)									
			0	96	120	132	144	168	180	195	225	240
			0	1600	2000	2200	2400	2800	3000	3250	3750	4000
80-200 B	45	225M	H (m) pump input power (kW)									
			77.2	77.7	75.2	74	72.6	69.1	67.3	64.9	59.5	—
80-200 A	55	250M	14.22	32.00	36.41	37.94	39.45	42.67	44.03	45.51	47.80	—
			90.0	92.0	89.4	87.9	86.1	81.9	79.7	77.1	71.0	68.0
			17.04	37.5	42.26	44.45	46.46	49.83	51.32	53.03	56.2	57.5

CM series

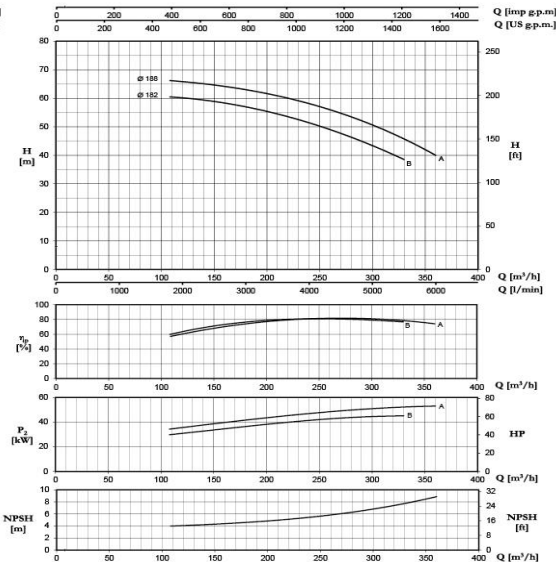
3450 r/min 60Hz

100-160



Tolerance:ISO 9906:2012-Grade 3B

100-160



Tolerance:ISO 9906:2012-Grade 3B

TYPE	P2		P1 (kW)	A	Q (m³/h-l/min)															
					0	96	108	120	132	144	156	168	180	195	210	225	240	270	300	330
3~			3~	3x380V 60Hz	0	1600	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000	4500	5000	5500
	(HP)	(kW)			H (m)															
100-160 D	40	30	37.3	63.8	43.1	42.0	42.2	42.2	41.9	41.5	40.8	40.0	39.1	37.9	36.6	35.4	34.2	31.6	28.2	23.9
100-160 C	50	37	40.9	71.0	47.1	45.9	46.1	46.3	46.1	45.6	45.1	44.5	43.7	42.6	41.4	40.2	39.0	36.4	33.0	28.3

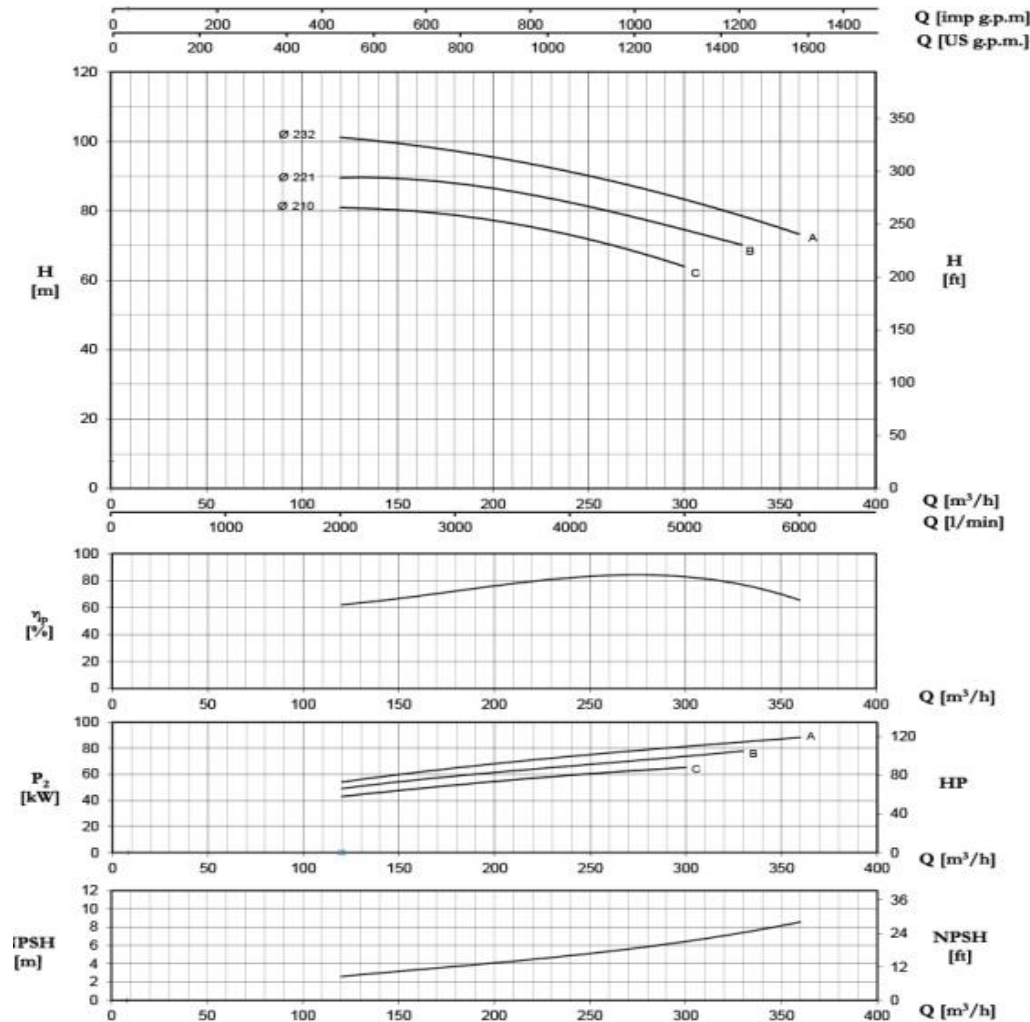
TYPE	Nominal Power (kw)	Motor Size	Q (m³/h-l/min)									
			0	108	144	168	210	225	240	270	330	360
			0	1800	2400	2800	3500	3750	4000	4500	5500	6000
			H (m) pump input power (kW)									
100-160 B	45	225M	60.2	60.6	59	57.9	54.6	53	51.3	47.7	38.5	
			21.69	29.77	32.96	35.19	39.12	40.37	41.51	43.16	45.12	
100-160 A	55	250M	65.5	66.3	64.7	63.7	61.0	59.7	58.1	54.5	46.1	39.9
			24.80	34.31	37.94	40.45	44.31	45.63	46.97	49.15	52.16	52.86

CM series

3450 r/min 60Hz

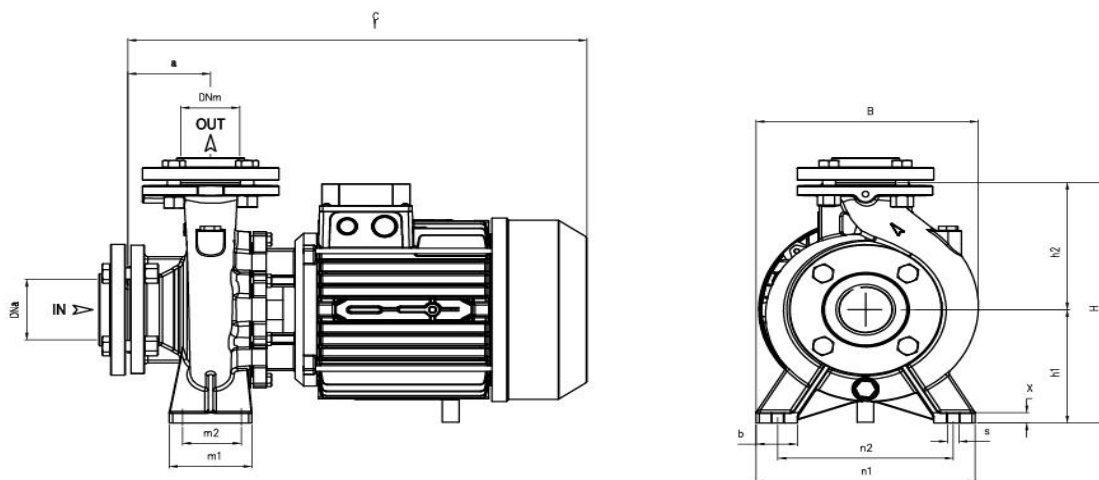
100-200

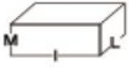
100-250



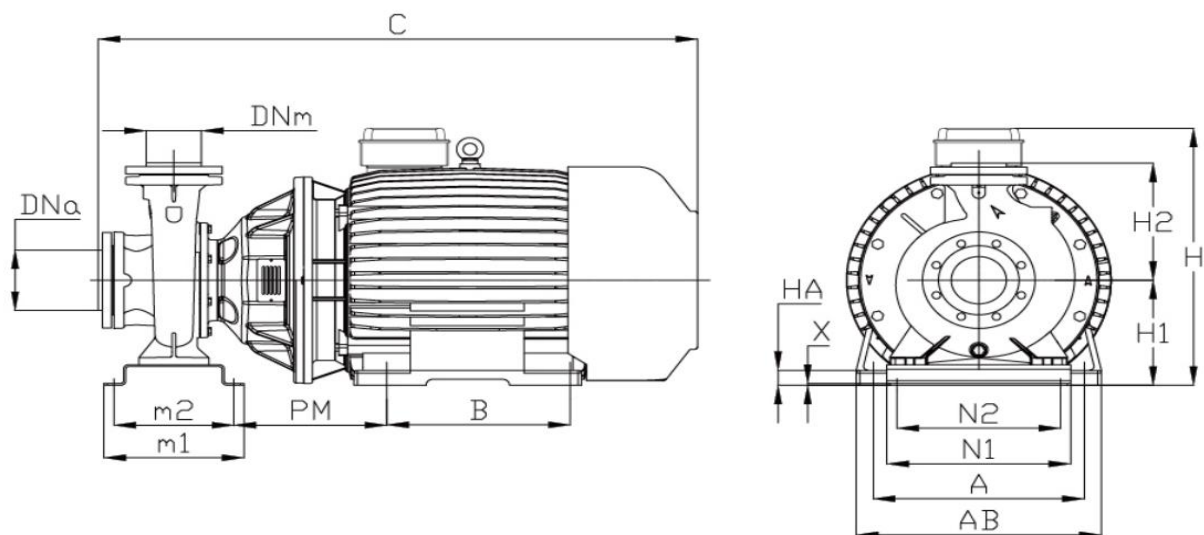
Tolerance:ISO 9906:2012-Grade 3B

TYPE	Nominal Power (kW)	Motor size	Q (m³/h-l/min)									
			0	120	144	168	195	225	270	300	330	360
			0	2000	2400	2800	3250	3750	4500	5000	5500	6000
			H (m) pump input power (kW)									
100-200 C	55	250M 280S	79.9	81	80.4	79.4	77.7	74.9	68.6	64.1		
			25.58	43.12	46.68	50.21	53.93	57.68	62.44	65.30		
100-250 B	75	280S	90	89.9	89.2	88.2	86.8	84.7	78.4	73.2	70.9	
			29.82	49.11	53.30	57.27	60.82	64.38	70.55	73.87	77.92	
100-250 A	90	280M	100.5	100.7	99.8	98.4	96.4	93.2	87.1	81.8	78.7	74.0
			32.74	54.04	58.71	63.34	67.40	71.65	77.67	81.17	85.71	88.00



TYPE	DIMENSIONS (mm)																		Kg
	DNa	DNm	a	h1	h2	m1	m2	n1	n2	b	x	s	C	B	H	I	L	M	
32-160 C	50	32	80	132	160	100	70	240	190	50	12	14	490	240	292	520	260	355	38.5
32-160 B	50	32	80	132	160	100	70	240	190	50	12	14	490	240	292	520	260	355	40.5
32-160 A	50	32	80	132	160	100	70	240	190	50	12	14	490	240	292	520	260	355	42.5
32-200 C	50	32	80	160	180	100	70	240	190	50	12	14	505	268	340	530	305	400	60
32-200 B1	50	32	80	160	180	100	70	240	190	50	12	14	520	268	340	615	310	460	60.5
32-200 B	50	32	80	160	180	100	70	240	190	50	12	14	565	268	340	615	310	460	65.5
32-200 A1	50	32	80	160	180	100	70	240	190	50	12	14	520	268	340	615	310	460	64
32-200A	50	32	80	160	180	100	70	240	190	50	12	14	565	268	340	615	310	460	73
32-250C	50	32	100	180	225	125	95	320	250	65	12	14	625	305	405	665	335	535	95
32-250 B	50	32	100	180	225	125	95	320	250	65	14	14	625	305	405	665	335	535	101
32-250 A1	50	32	100	180	225	125	95	320	250	65	14	14	625	305	405	665	335	535	106.5
32-250 A	50	32	100	180	225	125	95	320	250	65	14	14	695	305	405	735	355	535	133.5
40-125 C	65	40	80	112	140	100	70	210	160	50	12	14	495	220	252	520	260	355	38.5
40-125 B	65	40	80	112	140	100	70	210	160	50	12	14	495	220	252	520	260	355	40.5
40-125 A	65	40	80	112	140	100	70	210	160	50	12	14	495	220	252	520	260	355	43
40-160 B	65	40	80	132	160	100	70	240	190	50	12	14	500	245	292	520	260	355	51
40-160 A	65	40	80	132	160	100	70	240	190	50	15	14	500	245	292	520	260	355	51.5
40-200 B1	65	40	100	160	180	100	70	240	190	50	15	14	545	273	340	615	310	460	63
40-200 B	65	40	100	160	180	100	70	265	212	50	15	14	590	273	340	615	310	460	68
40-200 A1	65	40	100	160	180	100	70	240	190	50	15	14	545	273	340	615	310	460	65.5
40-200 A	65	40	100	160	180	100	70	265	212	50	15	14	590	273	340	615	310	460	74.5
40-250C	65	40	100	180	225	125	95	320	250	65	15	14	630	322	405	665	335	535	94
40-250 B	65	40	100	180	225	125	95	320	250	65	15	14	630	322	405	665	335	535	100
40-250 A1	65	40	100	180	225	125	95	320	250	65	15	14	630	322	405	665	335	535	106
40-250 A	65	40	100	180	225	125	95	320	250	65	15	14	700	322	405	735	355	535	133.5
40-250 BM	65	40	100	180	225	125	95	320	250	65	14	14	750	332	405	815	355	535	140
40-250 AM	65	40	100	180	225	125	95	320	250	65	14	14	750	332	405	815	355	535	155
50-125 B	65	50	100	132	160	100	70	240	190	50	12	14	525	250	292	520	260	355	52.5
50-125 A	65	50	100	132	160	100	70	240	190	50	12	14	525	250	292	520	260	355	52.5
50-160 B1	65	50	100	160	180	100	70	265	212	50	12	14	545	270	340	615	310	460	63.5
50-160 B	65	50	100	160	180	100	70	265	212	50	12	14	590	270	340	615	310	460	68
50-160 A1	65	50	100	160	180	100	70	265	212	50	12	14	545	270	340	615	310	460	67.5
50-160 A	65	50	100	160	180	100	70	265	212	50	12	14	590	270	340	615	310	460	74
50-200 C	65	50	100	160	200	100	70	265	212	50	12	14	635	290	360	665	335	535	91.5
50-200 B	65	50	100	160	200	100	70	265	212	50	12	14	635	290	360	665	335	535	98
50-200 A1	65	50	100	160	200	100	70	265	212	50	12	14	635	290	360	665	335	535	103
50-200 A	65	50	100	160	200	100	70	265	212	50	12	14	705	290	360	735	355	535	130
50-250 C	65	50	100	180	225	125	95	320	250	65	14	14	705	332	405	735	355	535	136.5
50-250 B	65	50	100	180	225	125	95	320	250	65	14	14	750	332	405	815	355	535	149.5
50-250 A	65	50	100	180	225	125	95	320	250	65	14	14	750	332	405	815	355	535	158.5

TYPE	DIMENSIONS (mm)																		
	DNa	DNm	a	h1	h2	m1	m2	n1	n2	b	x	s	C	B	H	I	L	M	
65-125 B1	80	65	100	160	180	125	95	280	212	65	14	14	560	280	340	615	310	460	65
65-125 B	80	65	100	160	180	125	95	280	212	65	14	14	605	280	340	615	310	460	70.5
65-125 A1	80	65	100	160	180	125	95	280	212	65	14	14	560	280	340	615	310	460	68.5
65-125 A	80	65	100	160	180	125	95	280	212	65	14	14	605	280	340	615	310	460	77.5
65-160C	80	65	100	160	200	125	95	280	212	65	14	14	635	290	360	665	335	535	94
65-160 B	80	65	100	160	200	125	95	280	212	65	14	14	635	290	360	665	335	535	99.5
65-160 A1	80	65	100	160	200	125	95	280	212	65	14	14	635	290	360	665	355	535	105
65-160 A	80	65	100	160	200	125	95	280	212	65	14	14	705	290	360	735	355	535	133
65-200 C1	80	65	100	180	225	125	95	320	250	65	14	14	675	330	405	735	355	535	109
65-200 C	80	65	100	180	225	125	95	320	250	65	14	14	705	330	405	735	355	535	136.5
65-200 B	80	65	100	180	225	125	95	320	250	65	14	14	750	330	405	815	355	535	149.5
65-200 A	80	65	100	180	225	125	95	320	250	65	14	14	750	330	405	815	355	535	158.5
65-250 B	80	65	100	200	250	160	120	360	280	80	16	19	820	370	450	850	380	490	199.5
65-250 A	80	65	100	200	250	160	120	360	280	80	16	19	820	370	450	850	380	490	217.5
80-160 E	100	80	125	180	225	125	95	320	250	65	14	14	665	330	405	665	335	535	104
80-160 D	100	80	125	180	225	125	95	320	250	65	14	14	665	330	405	665	335	535	110
80-160 C1	100	80	125	180	225	125	95	320	250	65	14	14	665	330	405	665	335	535	115
80-160 C	100	80	125	180	225	125	95	320	250	65	14	14	735	330	405	735	355	535	140.5
80-160 B	100	80	125	180	225	125	95	320	250	65	14	14	780	330	405	815	355	535	163.5
80-160 A	100	80	125	180	225	125	95	320	250	65	14	14	780	330	405	815	355	535	162.5
80-200 B	100	80	125	180	250	125	95	345	280	65	16	14	840	355	405	850	380	490	197
80-200 A	100	80	125	180	250	125	95	345	280	65	16	14	840	355	405	850	380	490	214
100-160 B	125	100	125	200	280	160	120	360	280	80	18	18	842	390	480	850	420	570	201
100-160 A	125	100	125	200	280	160	120	360	280	80	18	18	842	390	480	850	420	570	230



TYPE	DIMENSIONS (mm)															
	DNa	DNm	m1	m2	N2	N1	H1	H2	H	A	AB	B	PM	C	HA	
80-250B	100	80	200	120	315	406	225	317	555	356	435	311	356	1102	28	418
80-250A	100	80	320	280	360	420	280	317	655	406	485	349	325	1158	58	505
100-200B	125	100	200	120	280	360	225	321	555	356	435	311	356	1130	28	417
100-200A	125	100	320	280	360	420	280	321	655	406	485	349	325	1235	60	505
100-250C	125	100	320	280	360	420	280	321	655	406	485	349	325	1250	60	516
100-250B	125	100	320	280	360	420	280	321	685	457	545	368	347	1325	35	645
100-250A	125	100	320	280	360	420	280	321	685	457	545	419	347	1370	35	680