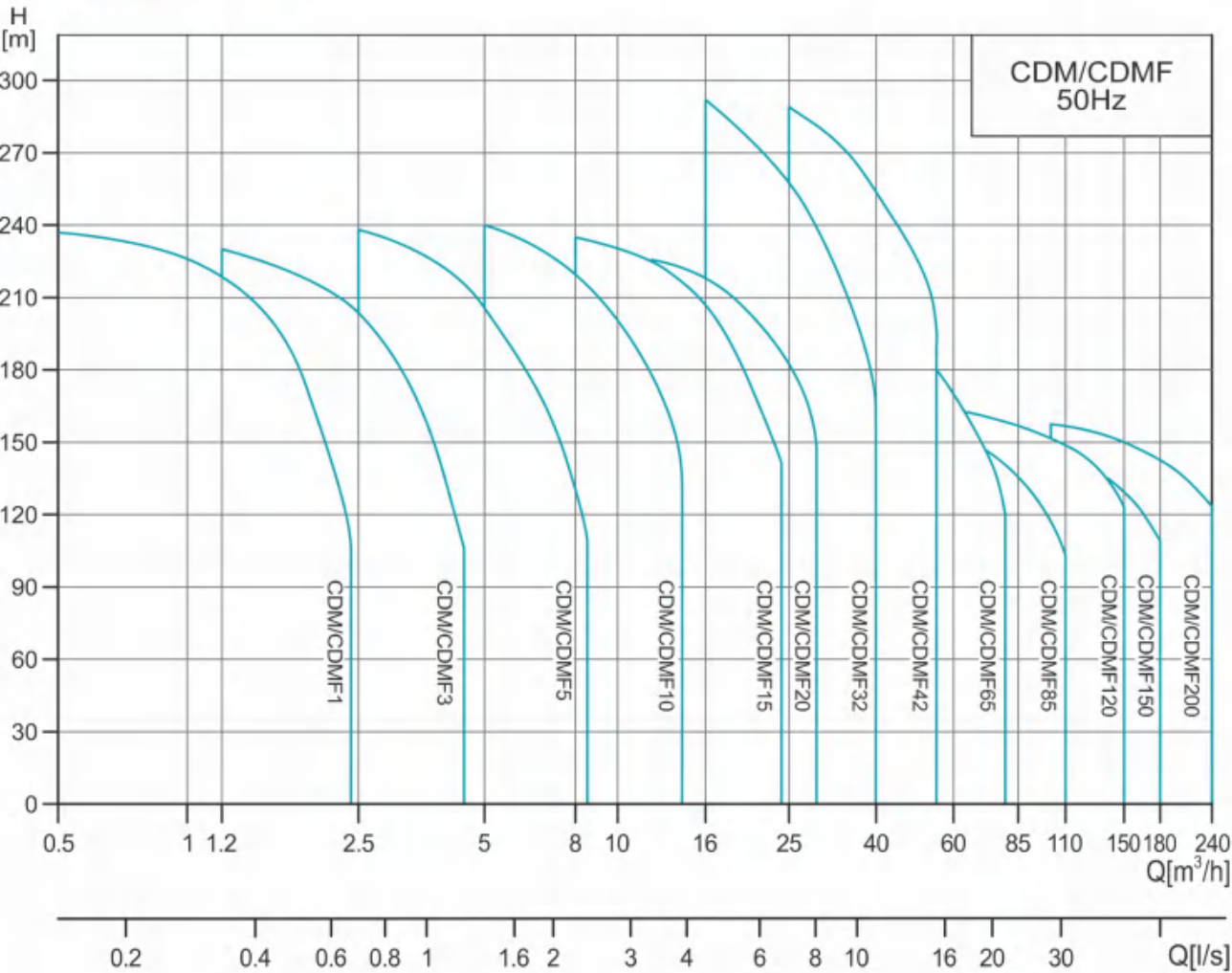


CDM/CDMF

Vertical Multistage Centrifugal Pump



Performance Curve

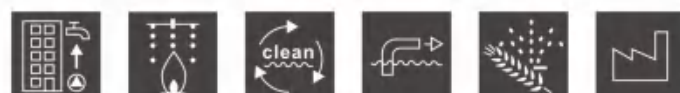


Product Range

Description		CDM/CDMF												
Rated flow [m³/h]		1	3	5	10	15	20	32	42	65	85	120	150	200
Rated flow [L/s]		0.28	0.83	1.39	2.78	4.17	5.56	8.89	11.67	18.06	23.61	33.33	41.67	55.56
Flow range [m³/h]		0.5~2.4	1.2~4.4	2.5~8.5	5~14	8~24	10~29	16~40	25~55	30~80	50~110	60~150	80~180	100~240
Flow range [L/s]		0.14~0.67	0.33~1.22	0.69~2.36	1.39~3.89	2.22~6.67	2.78~8.06	4.44~11.11	6.94~15.28	8.33~22.22	13.89~30.56	16.67~41.67	22.22~50	27.78~66.67
Max. pressure [bar]		24	23	24	24	24	23	29	30	22	17	16	16	16
Motor power [kW]		0.37~2.2	0.37~3	0.37~5.5	0.75~11	1.1~15	1.1~18.5	1.5~30	3.0~45	4.0~45	5.5~45	11~75	11~75	18.5~110
Temp [°C]		-15 ~ +120												
Max. efficiency [%]		48	58	70	72	73	73	73	75	76	77	74	73	79
CDM Pipelines	DIN flange	DN25	DN25	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
	Cutting ferrule joint	DN25	DN25	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150



CDM(F) Vertical Multistage Centrifugal Pump



Application

CDM/CDMF pumps are designed for a variety of applications from the pumping of potable water to the pumping of industrial liquids. Applied for liquids of different temperature, different rated flow, different pressure range.

CDM is suitable for non-corrosive liquid, CDMF is suitable for light corrosive liquid.

Boosting:

Filtering and transferring water in water factories, delivering water in different zone, pressurizing for major pipelines, boosting for high buildings.

Industrial boosting:

Process water system, cleaning system, high pressure washing system, firefighting system.

Industrial liquid conveying:

Cooling and air conditioning systems, boiler feed and condensate systems, machine matching, acid and alkali.

HVAC:

Air conditioning system

Water treatment:

Ultra filtration system, R/O system, distillation system, separator, swimming pool.

Pump

CDM/CDMF pumps are new generation, high efficiency, non-self-priming vertical multistage centrifugal pumps (Abbr. as pumps). It referred to European standard, adopted entirely new industrial design, efficiency achieved $MEI \geq 0.7$. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.

Motor

Totally enclosed, fan cooled, 2 pole standard motor

Protection level: IP55

Insulation class: F

Standard voltage: 50Hz: 1x220-230/240V

3x200-220/346-380V

3x220-240/380-415V

Operating Condition

Thin, clean, non-flammable, non-explosive, solid free, fiber free, physically and chemically water-like liquid.

Liquid temperature:

Normal temperature type: $-15^{\circ}\text{C} \sim 70^{\circ}\text{C}$

Hot water type: $-15^{\circ}\text{C} \sim 120^{\circ}\text{C}$

Ambient temperature: up to 40°C

Altitude: up to 1000m

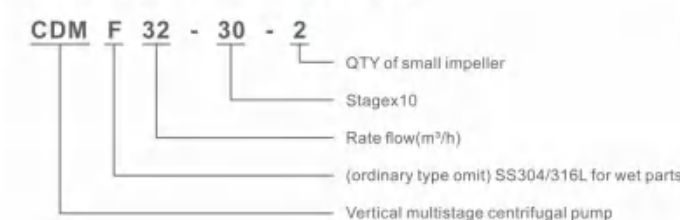
Performance Curve

Following conditions are suitable for the performance curves shown below.

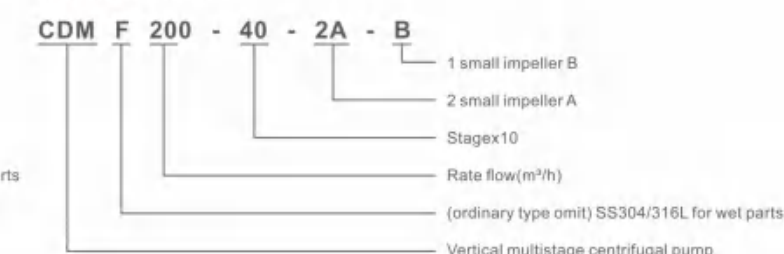
1. All curves are based on the measured values of 50Hz: constant motor speed 2900rpm.
2. Curve tolerance in conformity to ISO9906:2012 Grade 3B.
3. Measurement is done with 20°C air-free water, kinematic viscosity of $1\text{mm}^2/\text{sec}$.
4. The operation of pump shall refer to the performance region indicated by the thickened curve to prevent overheating due to too small flow rate or overload of motor due to too large flow rate.

Model Definition

CDM/CDMF32/42/65/85/120/150



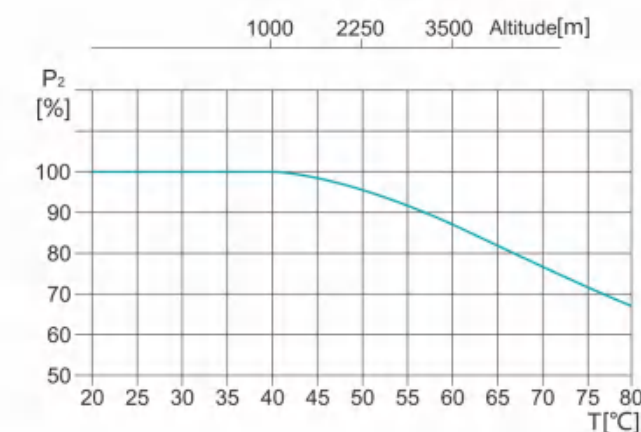
CDM/CDMF200



Max Environmental Temperature, Altitude Above sea Level

When pumps working in the condition of higher than 40°C or higher than 1000m altitude, because the air density lessened, cooling performance is reduced, motor output power P_2 is reduced also.

The motor power shall be enlarged in those working conditions.



Max Working Pressure

Model	Max working(bar)
CDM/CDMF1,3,5,10,20 Flange,Ferrule	25
CDM32	
32-10-1~32-80	16(30)
32-90-2~32-160	30
CDMF32	30
CDM42	
42-10-1~42-60-2	16(30)
45-60~42-90	25(30)
42-100-2~42-130-2	30
CDMF42	
42-10-1~42-90	25(30)
42-100-2~42-130-2	30
CDM65	
65-10-1~65-50-2	16(25)
65-50-1~65-80-1	25
CDM85	
85-10-1~85-40-2	16(25)
85-40~85-60	25
CDMF65,85	25
CDM/CDMF120,150,200	20

The pressure in () needs special modify.

Min Inlet Pressure

In case that the pressure in pump is lower than the steam pressure used to convey liquid, the cavitations will occur.

To avoid cavitations, a minimum pressure at the inlet side of the pump shall be guaranteed.

The maximum suction stroke can be calculated with following formula:

$$H = P_b \times 10.2 - NPSH - H_f - H_v - H_s$$

P_b =Barometric pressure in bar

(Barometric pressure can be set to 1 bar)

In a closed system, P_b means system pressure [bar]

$NPSH$ =Net Positive Suction Head [m]

(It can be read from the point of possible max. flow rate shown on NPSH curve)

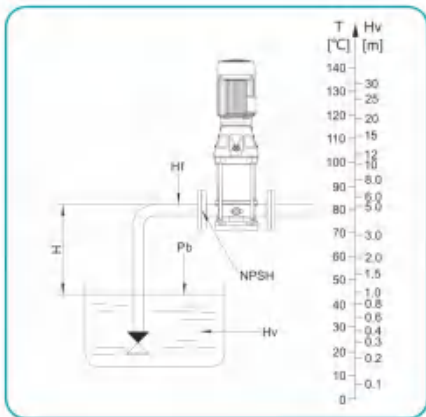
H_f =Pipe friction loss at the inlet[m]

H_v =Vapour pressure [m]

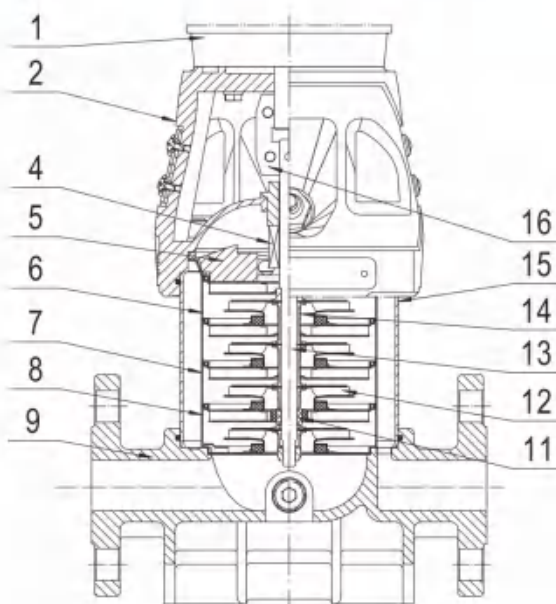
H_s =Safety margin=minimum 0.5 meters head

If the "H" calculated is positive, the pump may run under the max. suction stroke H

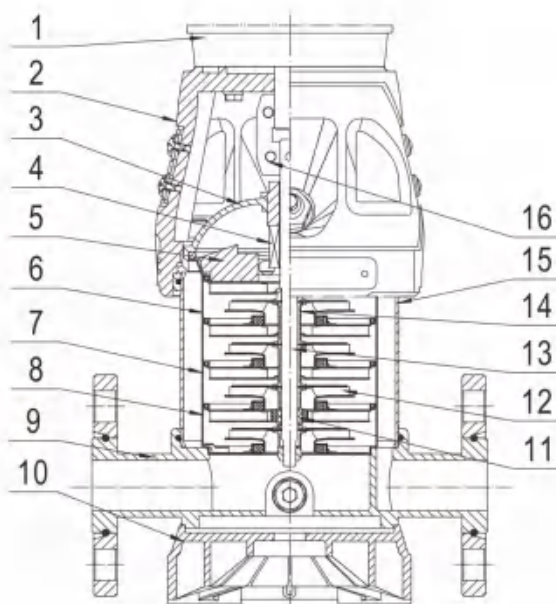
If the "H" calculated is negative, A head of minimum inlet pressure H is required



Structure Drawing Of CDM/CDMF1,3,5



CDM



CDMF

CDM1,3,5 Material List

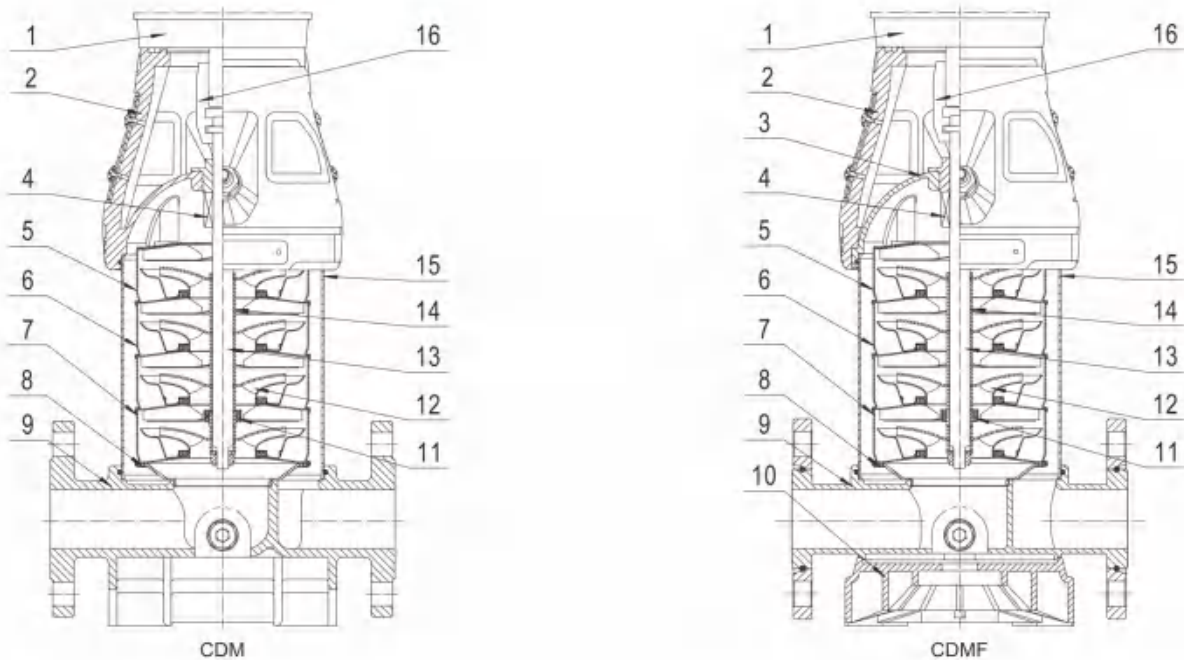
No.	Name	Material	AISI/ASTM
1	Motor	-	-
2	Pump head	Cast iron	ASTM25B
4	Mechanical seal	Tungsten carbide/Carbon	-
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
9	Inlet & outlet chamber	Stainless steel	ASTM25B
11	Bearing	Tungsten carbide	-
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel/ Powder metallurgy	-

Please check with us for other materials

CDMF1,3,5 Material List

No.	Name	Material	AISI/ASTM
1	Motor	-	-
2	Pump head	Cast iron	ASTM25B
3	Lining	Stainless steel	AISI304
4	Mechanical seal	Tungsten carbide/Carbon	-
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
9	Inlet & outlet chamber	Stainless steel	AISI304
10	Base plate	Cast aluminum	-
11	Bearing	Tungsten carbide	-
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel/ Powder metallurgy	-

Structure Drawing Of CDM/CDMF10,15,20



CDM10.15.20 Material List

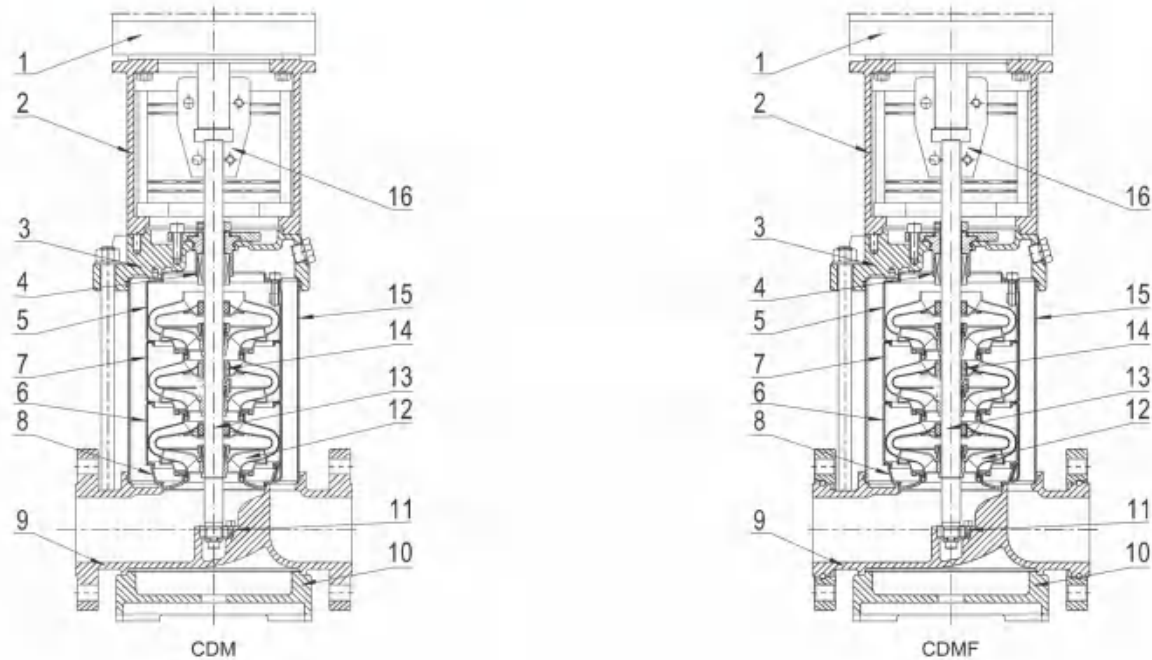
No.	Name	Material	AISI/ASTM
1	Motor	-	-
2	Pump head	Cast iron	ASTM25B
4	Mechanical seal	Tungsten carbide /Carbon	-
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
9	Inlet & outlet chamber	Stainless steel	ASTM25B
11	Bearing	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel/ Powder metallurgy	-

Please check with us for other materials

CDMF10.15.20Material List

No.	Name	Material	AISI/ASTM
1	Motor	-	-
2	Pump head	Cast iron	ASTM25B
3	Lining	Stainless steel	AISI304
4	Mechanical seal	Tungsten carbide/ Carbon	-
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
9	Inlet & outlet chamber	Stainless steel	AISI304
10	Base plate	Cast aluminum	-
11	Bearing	Tungsten carbide	-
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel/ Powder metallurgy	-

Structure Drawing Of CDM/CDMF32,42,65,85



CDM32,42,65,85 Material List

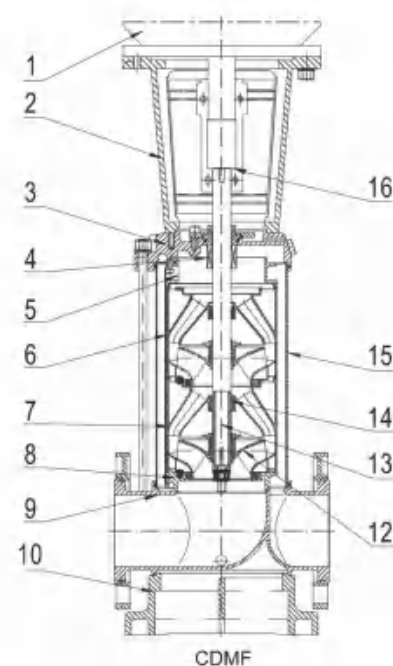
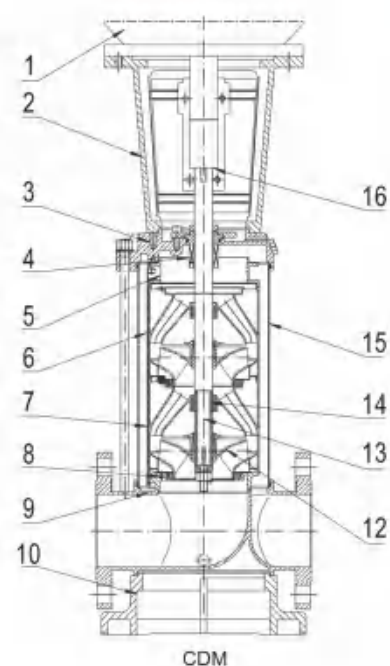
No.	Name	Material	AISI/ASTM
1	Motor	-	-
2	Support	Cast iron	ASTM25B
3	Pump head	Cast iron	ASTM25B
4	Mechanical seal	WC/C	-
5	Outlet diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Fluid director	Stainless steel	AISI304
9	Inlet/outlet	Cast iron	ASTM25B
10	Base	Cast iron	ASTM25B
11	Lower bearing	WC	-
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	-
14	Intermediate shaft sleeve	WC	-
15	Pressure cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	-

Please check with us for other materials

CDMF32,42,65,85 Material List

No.	Name	Material	AISI/ASTM
1	Motor	-	-
2	Support	Cast iron	ASTM25B
3	Pump head	Stainless steel	AISI304
4	Mechanical seal	WC/C	-
5	Outlet diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Fluid director	Stainless steel	AISI304
9	Inlet/outlet	Stainless steel	AISI304
10	Base	Cast iron	ASTM25B
11	Lower bearing	WC	-
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304
14	Intermediate shaft sleeve	WC	-
15	Pressure cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	-

Structure Drawing Of CDM/CDMF120,150,200



CDM120,150,200 Material List

No.	Name	Material	AISI/ASTM
1	Motor	-	-
2	Support	Cast iron	ASTM25B
3	Pump head	Cast iron	ASTM25B
4	Mechanical seal	WC/C	-
5	Outlet diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Fluid director	Stainless steel	AISI304
9	Inlet/outlet	Cast iron	ASTM25B
10	Base	Cast iron	ASTM25B
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304
14	Shaft sleeve	WC	-
15	Pressure cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	-

Please check with us for other materials

CDMF120,150,200 Material List

No.	Name	Material	AISI/ASTM
1	Motor	-	-
2	Support	Cast iron	ASTM25B
3	Pump head	Stainless steel	AISI304
4	Mechanical seal	WC/C	-
5	Outlet diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Fluid director	Stainless steel	AISI304
9	Inlet/outlet	Stainless steel	AISI304
10	Base	Cast iron	ASTM25B
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304
14	Shaft sleeve	WC	-
15	Pressure cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	-

CDM/CDMF1 Performance Table

Model	Power		Q	0	0.5	0.7	1	1.2	1.4	1.6	1.8	2	2.2	2.4
	(kW)	(HP)	(m³/h)											
1-2	0.37	0.5	H (m)	11.8	11.5	11.2	10.5	10.3	9.7	9	8	6.8	5.5	4
1-3	0.37	0.5		17.5	17	16.8	16	15.6	14.8	13.5	12	10	8.5	6
1-4	0.37	0.5		23.5	23	22.5	21.5	21	19.8	18	16	13.5	11	8
1-5	0.37	0.5		29	28.5	28	27	26	24.5	22.5	20	17	14	10
1-6	0.37	0.5		35	34.5	34	32.5	31.5	30	27	24	20.5	17	12.5
1-7	0.37	0.5		41	40.5	40	39	37	35	32	28	24	20	15
1-8	0.55	0.75		47	46	45.5	43.5	42	40	37	33	29	24.5	18
1-9	0.55	0.75		52.5	52	51.5	49	47	44.5	41	37	32	27	20.5
1-10	0.55	0.75		58.5	58	57	55	52.5	50	46	42	37	31	23
1-11	0.55	0.75		64	63.5	63	61	58.5	55	51	46	40	33.5	25.5
1-12	0.75	1		70	69	68.5	67	64.5	61	57	52	45.5	37	28
1-13	0.75	1		75.5	75	74.5	73	70	66.5	61.5	56	49	40.5	31
1-15	0.75	1		87.5	86.5	85.5	84	81	76.5	71	65	57	47	36
1-17	1.1	1.5		99	98	97	95	91.5	86.5	81	73	64	53	41
1-19	1.1	1.5		110	109	108	106	103	98	91	82	72	59	46
1-21	1.1	1.5		122	121	120	117	113	107	100	90	79	66	51.5
1-22	1.1	1.5		128	127	126	122	118	112	105	95	83	69	54
1-23	1.5	2		134	133	132	128	123	118	111	102	90.5	76.5	58
1-25	1.5	2		146	145	144	139	134	128	121	111	98	83	63
1-27	1.5	2		158	157	155	150	145	138	130	119	106	90	69
1-30	1.5	2		175	174	172	167	161	154	145	133	118	100	77
1-32	2.2	3		189	188	186	180	174	166	155	143	129	110	85
1-33	2.2	3		195	194	192	186	180	171	160	148	133	113	87
1-34	2.2	3		200	199	198	192	185	176	165	152	137	117	90
1-36	2.2	3		212	211	209	203	196	186	175	161	145	124	95
1-38	2.2	3		225	224	221	215	208	197	185	171	153	131	101
1-40	2.2	3		237	236	233	226	219	208	195	180	161	138	106

CDM/CDMF3 Performance Table

Model	Power		Q	0	1.2	1.6	2	2.4	2.8	3	3.2	3.6	4	4.4
	(kW)	(HP)	(m³/h)											
3-2	0.37	0.5	H (m)	14.7	14	13.5	13	12.5	11.5	11	10.5	9.5	8	6
3-3	0.37	0.5		22.2	21.5	21	20.5	19.5	18	17	16.5	15	12.5	9.5
3-4	0.37	0.5		29.7	29	28.5	27.5	26	24	23	22	20	17	13
3-5	0.55	0.75		37.2	36	35	33.5	32	30	29	28	25	21	16
3-6	0.55	0.75		45	43.5	42.5	41	39	36.5	35	33.5	30	25	19.5
3-7	0.75	1		52.5	51	50	49	46	43	41	39.5	35	30	23
3-8	0.75	1		60	58.5	58	56	53	49	47	45	40	34	26.5
3-9	1.1	1.5		67.5	66	65	63	60	56	53	51	45	38	30
3-10	1.1	1.5		75	73	72	70	66	61	59	56	50	42	33.5
3-11	1.1	1.5		82.5	80	79	77	73	68	65	62	55	47	37
3-12	1.1	1.5		90	88	86	83	79	74	71	67	59	50	40.5
3-13	1.5	2		98	95	93	90	86	80	77	73	64	54	44
3-14	1.5	2		105	102	101	98	92.5	86	83	78	69	58	47
3-15	1.5	2		113	110	108	105	100	94	90	86	76	64	51
3-16	1.5	2		120	118	116	112	107	100	96	92	81	69	54
3-18	2.2	3		136	133	130	126	120	113	108	102	90	76	61
3-19	2.2	3		143	140	137	132	126	119	114	108	96	82	64
3-20	2.2	3		151	148	144	140	133	125	120	114	100	85	67
3-21	2.2	3		158	155	152	147	140	131	126	120	106	90	71
3-22	2.2	3		166	162	158	154	146	137	132	125	110	93	74
3-23	2.2	3		173	170	166	161	153	144	138	131	115	97	78
3-24	2.2	3		181	177	173	168	160	150	144	137	120	101	81
3-25	3	4		188	185	181	175	166	156	150	142	125	105	85
3-27	3	4		204	200	195	188	180	169	162	155	138	117	92
3-28	3	4		212	207	202	195	187	175	168	160	143	121	95
3-29	3	4		220	215	210	203	194	182	175	167	148	126	99
3-31	3	4		235	230	224	216	207	194	187	178	159	134	106

CDM/CDMF5 Performance Table

Model	Power		Q (m³/h)	0	2.5	3	4	5	6	7	8	8.5
	(kW)	(HP)										
5-2	0.37	0.5	H (m)	14.7	13.5	13.3	12.5	11.5	9	7	5	4
5-3	0.55	0.75		22.1	21	20.5	19	17.5	15	12	9	7.5
5-4	0.55	0.75		29.5	28	27.5	26	24	21	17	13	11
5-5	0.75	1		37	35	34.5	33	30	27	23	18	15
5-6	1.1	1.5		44.5	42	41.5	40	37	33	27	21	18
5-7	1.1	1.5		52	49.5	48.5	46	42.5	38.5	31.5	24.5	21
5-8	1.1	1.5		59	57	56	53	49	44	36	28	24
5-9	1.5	2		67	64	63	60	55	49.5	41.5	31.5	27
5-10	1.5	2		74.5	71	70	66	62	55	46	35	30
5-11	1.5	2		82	78	77	73	68	61	51	39	33
5-12	2.2	3		89.5	85	84	81	74.5	66	55	43	37
5-13	2.2	3		97	92	91	87	80	71	60	47	40
5-14	2.2	3		104	100	98	93	87	77	65	51	43.5
5-15	2.2	3		112	107	106	100	93	82	69	54	46.5
5-16	2.2	3		119	114	112	107	99	88	74	58	50
5-17	3	4		127	121	118.5	113	105	94	79	62	53
5-18	3	4		134	128	126	120	111	99	84	66	56
5-20	3	4		149	143	140	133	124	110	93	73	63
5-21	3	4		157	150	147	140	130	116	98	77	66
5-22	4	5.5		164	157	154	146	136	122	103	82	70
5-23	4	5.5		172	165	161	153	142	128	108	86	74
5-24	4	5.5		179	172	168	160	149	133	113	90	77
5-25	4	5.5		187	179	175	167	155	139	117	93	80
5-27	4	5.5		202	193	189	180	168	150	127	101	86
5-28	4	5.5		210	201	197	187	174	156	132	105	90
5-29	5.5	7.5		217	208	204	194	180	163	139	111	95
5-30	5.5	7.5		225	216	212	201	186	169	144	115	98
5-33	5.5	7.5		249	238	234	222	206	187	160	127	109

CDM/CDMF10 Performance Table

Model	Power		Q (m³/h)	0	5	6	8	10	12	14
	(kW)	(HP)								
10-2	0.75	1	H (m)	22.2	21	20.5	19	16.5	13.5	9.5
10-3	1.1	1		33.3	31.5	31	28.5	25.5	22	16.5
10-4	1.5	1.5		44.5	42	41	38	34	29	22
10-5	2.2	2		56	52.5	51	48	43	37	28
10-6	2.2	3		67	63	62	58	52	44	34
10-7	3	3		78.5	74	73	69	62	52	40
10-8	3	4		90	85	84	79	71	60	46
10-9	4	4		101.5	96	94	89	80	67	52
10-10	4	5.5		113	107	105	98	89	76	58
10-11	4	5.5		124	118	115	108	98	84	64
10-12	4.5	6		137	129	127	119	107	91	70
10-13	5.5	7.5		147	140	138	130	116	99	76
10-14	5.5	7.5		160	151	148	139	125	106	82
10-15	5.5	7.5		171	162	159	149	134	114	88
10-16	7.5	10		183	173	170	159	144	123	94
10-17	7.5	10		194	184	180	169	153	130	100
10-18	7.5	10		205	195	191	180	163	141	108
10-19	7.5	10		217	206	201	190	172	147	113
10-20	7.5	10		228	217	213	200	181	155	120
10-21	7.5	10		240	228	223	210	191	162	126
10-22	11	15		250	240	235	221	201	171	132

CDM/CDMF15 Performance Table

Model	Power		Q (m³/h)	0	8	10	12	14	15	16	18	20	22	24
	(kW)	(HP)												
15-1	1.1	1.5	H (m)	12.6	12.2	12	11.8	11.5	11	10.5	10	9	8	6.5
15-2	2.2	3		26	24.5	24	23.5	23	22.5	21.5	20	18	16	13.5
15-3	3	4		40	37.5	37	36.5	35.5	34.5	34	32	29	25	21
15-4	4	5.5		54	50.5	50	49	47.5	47	46	43	39	34	28.5
15-5	4	5.5		68	63	62	61	59	58	57	53	48	42.5	36
15-6	5.5	7.5		82	76	75	73	71	69	67	63	58	52	43
15-7	5.5	7.5		96	89	88	86	83	81	79	74	68	61	51
15-8	7.5	10		110	102	100	98	95	93	91	85	78	69	59
15-9	7.5	10		124	115	113	11	108	106	103	96	88	78	67
15-10	11	15		138	128	126	124	121	118	115	107	98	87	75
15-11	11	15		151	142	140	137	133	130	126	117	107	95	83
15-12	11	15		166	154	152	149	145	142	138	129	117	104	90
15-13	11	15		180	167	164	160	155	152	148	138	126	113	99
15-14	11	15		194	180	177	173	168	165	160	149	136	122	106
15-15	15	20		208	196	192	188	182	178	173	161	147	132	116
15-16	15	20		222	209	205	200	194	189	184	172	157	142	125
15-17	15	20		236	222	218	213	206	201	196	183	167	151	132
15-18	15	20		250	235	231	225	218	213	207	194	177	160	141

CDM/CDMF20 Performance Table

Model	Power		Q (m³/h)	0	10	12	14	16	18	20	22	24	26	28	29
	(kW)	(HP)													
20-1	1.1	1.5	H (m)	13.3	12.5	12.3	12	11.5	11	10.5	10	9.5	9	8	7
20-2	2.2	3		27.2	25.5	25	24.5	24	23.7	23	2	20.5	18	16	14.5
20-3	4	5.5		41.5	39.5	39	38	37	36	35	33	31	28	25	23.5
20-4	5.5	7.5		55.5	52.5	51	50	49	48.5	47	45	41.5	37	33	31.5
20-5	5.5	7.5		69.5	66	65	64	62	60	58	55	51	47	42	40
20-6	7.5	10		84	79	78	77	75	73	70	66	62	58	52	48
20-7	7.5	10		98	92.5	91	90	88	85	82	78	73	68	61	57.5
20-8	11	15		113	106	105	103	101	98	95	90	84	77	70	66
20-10	11	15		141	133	132	130	127	123	119	113	106	97	88	83
20-12	15	20		171	160	158	156	153	149	143	137	127	117	106	100
20-14	15	20		200	187	185	183	179	174	168	160	149	137	124	117
20-17	18.5	25		244	228	225	222	218	212	205	195	182	168	154	147

CDM/CDMF32 Performance Table

Model	Power (kW)	Q (m³/h)	0	16	20	24	28	32	36	40
32-10-1	1.5	H (m)	15	14	13	12	11	9	7	4
32-10	2.2		20	18	17	15	14	13	11	8
32-20-2	3.0		33	29	28	26	23	20	16	11
32-20	4.0		40	36	34	32	29	27	23	18
32-30-2	5.5		50	47	44	41	38	33	28	21
32-30	5.5		57	54	51	48	44	40	35	27
32-40-2	7.5		72	65	62	58	53	46	40	30
32-40	7.5		78	72	69	65	59	53	47	37
32-50-2	11		92	83	79	74	68	60	52	41
32-50	11		99	90	86	81	74	67	59	47
32-60-2	11		108	101	97	90	83	74	65	51
32-60	11		118	108	104	97	90	81	72	57
32-70-2	15		129	119	114	107	98	88	78	60
32-70	15		138	126	121	113	105	95	85	67
32-80-2	15		145	136	131	123	114	102	90	71
32-80	15		154	144	138	130	120	109	97	77
32-90-2	18.5		163	154	148	140	129	117	102	82
32-90	18.5		172	162	156	147	136	124	109	88
32-100-2	18.5		182	175	166	157	146	131	115	91
32-100	18.5		193	182	173	164	152	138	122	98
32-110-2	22		204	193	184	173	164	146	128	102
32-110	22		210	200	191	180	168	153	135	109
32-120-2	22		222	211	201	189	178	160	140	113
32-120	22		231	218	208	196	184	167	147	120
32-130-2	30		246	230	218	206	193	174	153	124
32-130	30		253	237	225	213	200	181	160	131
32-140-2	30		265	247	235	222	210	189	165	135
32-140	30		273	255	242	229	216	196	172	142
32-150-2	30		284	266	253	239	224	203	178	145
32-150	30		292	274	260	246	231	210	185	152
32-160-2	30		304	284	270	255	240	218	190	156
32-160	30		312	292	277	262	246	225	197	163

CDM/CDMF42 Performance Table

Model	Power (kW)	Q (m³/h)	0	25	30	35	40	42	45	50	55
42-10-1	3.0	H (m)	20	20	19	19	17	16	15	13	11
42-10	4.0		27	24	23	23	21	20	19	18	16
42-20-2	5.5		42	40	38	38	33	32	30	27	23
42-20	7.5		50	48	46	46	42	41	39	35	31
42-30-2	11		66	63	61	61	54	52	50	44	38
42-30	11		75	71	69	69	63	61	58	53	47
42-40-2	15		92	87	84	84	75	73	69	62	54
42-40	15		100	95	92	92	84	81	78	71	62
42-50-2	18.5		118	111	107	107	96	93	88	80	69
42-50	18.5		125	119	115	115	105	101	97	88	78
42-60-2	22		142	135	130	130	117	113	108	97	85
42-60	22		150	143	138	138	125	122	116	106	93
42-70-2	30		166	158	152	152	138	134	127	115	100
42-70	30		175	166	161	161	146	142	135	124	109
42-80-2	30		192	182	175	175	159	154	146	133	116
42-80	30		202	190	184	184	167	162	154	141	124
42-90-2	30		212	205	198	198	180	174	166	150	132
42-90	37		220	214	207	207	188	183	174	159	140
42-100-2	37		237	230	221	221	200	194	185	168	147
42-100	37		245	238	230	230	209	203	193	177	155
42-110-2	45		262	255	246	246	223	217	206	188	165
42-110	45		269	263	244	255	232	225	214	196	173
42-120-2	45		284	280	259	270	245	238	226	206	181
42-120	45		290	289	268	280	255	247	236	216	190
42-130-2	45		312	305	282	294	267	259	247	225	198

CDM/CDMF65 Performance Table

Model	Power (kW)	Q (m³/h)	0	30	40	50	60	65	70	80
65-10-1	4.0	H (m)	20	19	18	16	14	13	11	8
65-10	5.5		30	27	25	23	21	20	18	15
65-20-2	7.5		42	39	36	33	29	26	23	17
65-20-1	11		50	46	44	40	36	33	30	24
65-20	11		60	53	51	47	43	40	37	30
65-30-2	15		73	66	62	56	50	46	41	32
65-30-1	15		80	73	69	63	57	53	48	39
65-30	18.5		87	80	76	70	64	60	55	46
65-40-2	18.5		98	98	87	80	71	66	60	47
65-40-1	22		107	100	94	87	78	73	67	54
65-40	22		116	107	101	94	85	80	74	61
65-50-2	30		130	121	114	105	98	88	80	64
65-50-1	30		138	128	121	112	102	98	87	71
65-50	30		146	136	129	119	109	102	94	78
65-60-2	30		158	150	142	131	118	110	101	81
65-60-1	37		166	157	149	138	125	117	108	88
65-60	37		175	164	156	145	132	124	115	95
65-70-2	37		186	179	169	156	141	132	121	99
65-70-1	37		196	186	176	163	148	139	128	106
65-70	45		205	193	183	170	155	146	135	112
65-80-2	45		216	207	196	182	164	154	142	116
65-80-1	45		225	215	203	189	171	161	149	123

CDM/CDMF85 Performance Table

Model	Power (kW)	Q (m³/h)	0	50	60	70	80	85	90	100	110
85-10-1	5.5	H (m)	26	22	19	17	16	14	13	10	6
85-10	7.5		33	25	24	22	21	20	19	16	12
85-20-2	11		47	41	39	36	32	30	28	22	15
85-20	15		67	53	50	47	44	41	40	36	30
85-30-2	18.5		75	68	65	60	55	52	49	41	32
85-30	22		98	81	77	72	67	64	62	55	48
85-40-2	30		115	98	93	87	80	75	72	62	50
85-40	30		134	110	105	100	92	86	84	76	66
85-50-2	37		150	126	120	113	104	98	93	81	68
85-50	37		164	139	131	124	115	110	106	94	83
85-60-2	45		177	155	148	139	129	122	117	102	86
85-60	45		197	168	160	150	141	134	130	117	103

CDM/CDMF120 Performance Table

Model	Power (kW)	Q (m³/h)	0	60	70	80	90	100	110	120	130	140	150
120-10	11	H (m)	23	22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
120-20-2	15		37	34	33.6	33	31	30.2	30	28.5	27	25	24
120-20-1	18.5		43	41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5
120-20	22		48	46	45	44.5	43.5	42.4	41	40	38	36	33.5
120-30-2	30		59.5	57	56	55	53.5	52	51	49	46.5	43.5	41
120-30-1	30		65.5	64	63	62	60	58.5	57.5	55.5	52	49	46
120-30	30		71	69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51
120-40-2	37		82	80.5	79	78	76	73.5	72	69	66	61.5	58
120-40-1	37		91	87	86	84.5	82	80	78	76	72	68	64.5
120-40	45		96	92.5	91	90	88	85.8	83	81	77	73	68.5
120-50-2	45		108	104.5	103	101	99	96	93	90	85.5	80.5	75.5
120-50-1	45		115	110.5	109	107.5	105	102	100	97	92	86.5	83
120-50	55		121	115.5	114	113	110	107.5	104.5	101.5	93	91	86
120-60-2	55		131	128	125.5	123	121	117.3	113.5	110	104.5	98.5	92.5
120-60-1	55		139	134	132	130.5	127	124	121	118	111	105	100
120-60	75		144	139	137	135	132	128.8	126	123	116	110	104
120-70-2	75		154	151	158	145.5	143	138.6	134	130	123.5	116.5	109
120-70-1	75		161	156.5	154	152	148.5	144.5	141	137.5	130	123	116.5
120-70	75		166	162.5	160.5	158.5	155	151	148	145	137	129	123

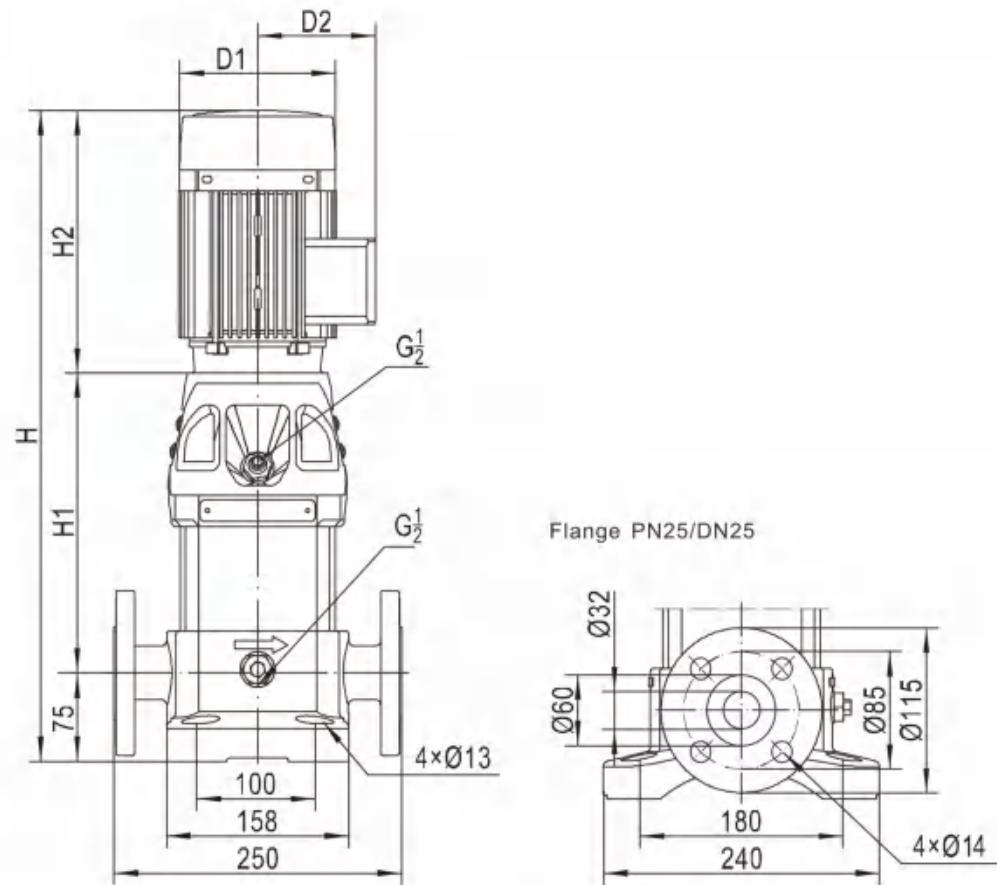
CDM/CDMF150 Performance Table

Model	Power (kW)	Q (m³/h)	0	80	90	100	110	120	130	140	150	160	170	180
150-10-1	11	H (m)	19.5	18.3	17.8	17.3	17	16	15	14	12.5	11	10	8.5
150-10	15		25	24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
150-20-2	18.5		40	37	35.5	34	33	32	31	29	27.5	26	23	21
150-20-1	22		47.5	44.3	43	42	40	39	38.5	37.5	35	33	30	27
150-20	30		55	50	49	48	47	45.5	44	42	40	37	34	32
150-30-2	30		69	63.5	61	59	57.5	56	54.5	53	49	45.5	42	39
150-30-1	37		75	70	68	67	65	63	62	60	56	53	49	45
150-30	37		83	78	76.5	75	73	70.5	68	66	63	59	55	50.5
150-40-2	45		95	89	87	84	81.5	79	77	74.5	70.5	65.5	60	56
150-40-1	45		104	96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
150-40	55		112	104	102	100	97	95	91	88	84	79.5	74	68
150-50-2	55		125.5	115.5	112	109	106	102.5	100	97	92	86	79	73.5
150-50-1	75		132	122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80
150-50	75		140	130	127.5	125	121	119	115	111.5	106.5	101	94.5	86.5
150-60-2	75		149	140	137	133	130	126	121	118	112	106	98	91
150-60-1	75		158	148.5	145	141.7	137.5	135	131	127	120.5	114.5	106.5	97.5
150-60	75		168	157	153	149	145	142	139.5	137	130	123.5	116	109

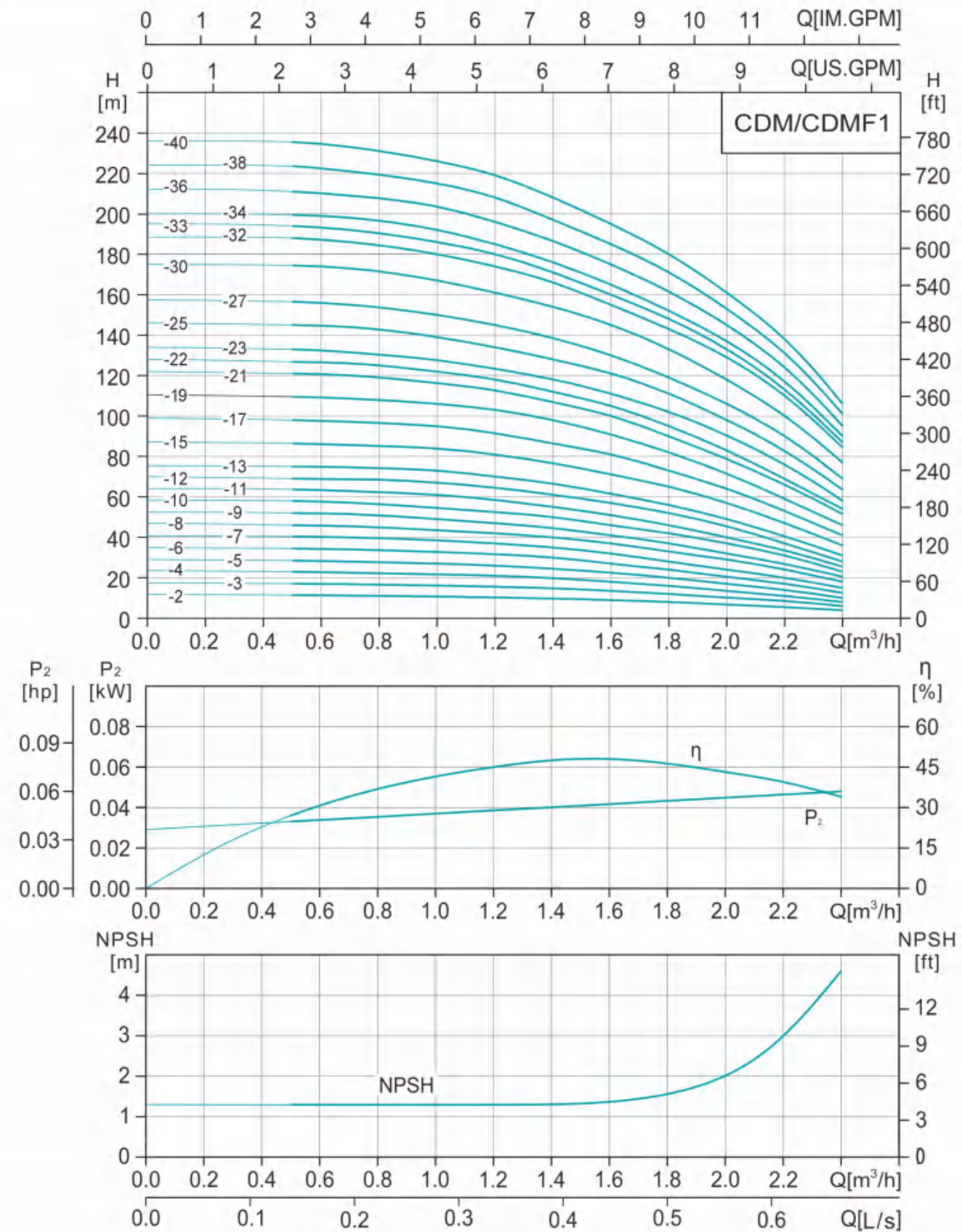
CDM/CDMF200 Performance Table

Model	Power (kW)	Q (m³/h)	0	100	120	140	160	180	200	220	240
200-10-B	18.5	H (m)	28	25.5	25	24	23	21.5	20	18	15.5
200-10-A	22		31	29	28.5	27.5	26.5	25.5	24	22	20
200-10	30		40.5	38.5	38	37.5	36.5	35	34	32.5	30
200-20-2B	37		57	53	51	49	47	44	41	37	32
200-20-2A	45		63	59.5	58	56	54	52.5	49	44.5	40.5
200-20-A	55		73	69	68	66	64	62	59	55.5	51
200-20	55		82.5	78.5	77.5	76	74	71.5	69	66	61.5
200-30-2B	75		98	91.5	89	86.5	83.5	79	75	70	63
200-30-A-B	75		100.5	95	93	90	87	83.5	79	73.5	67
200-30-2A	75		106	99.5	97.5	94.5	91.5	89	84	78.5	72
200-30-B	75		111	104.5	102.5	100	97	93	89	84.5	77.5
200-30-A	75		114	108	106	103.5	100.5	97.5	93	88	81.5
200-30	90		123	117.5	116	113.5	110.5	107	103	99	92
200-40-2B	90		139.5	131.5	129	125.5	121	115.5	110	103.5	94
200-40-2A	110		147	138.5	136	132	128	124	118	111	102.5
200-40-A	110		157	148	145.5	142.5	138	134	128	122	113
200-40	110		166	157.5	155.5	152.5	148	143.5	138	132.5	123.5

CDM/CDMF1 Installation Dimension



Performance Curve

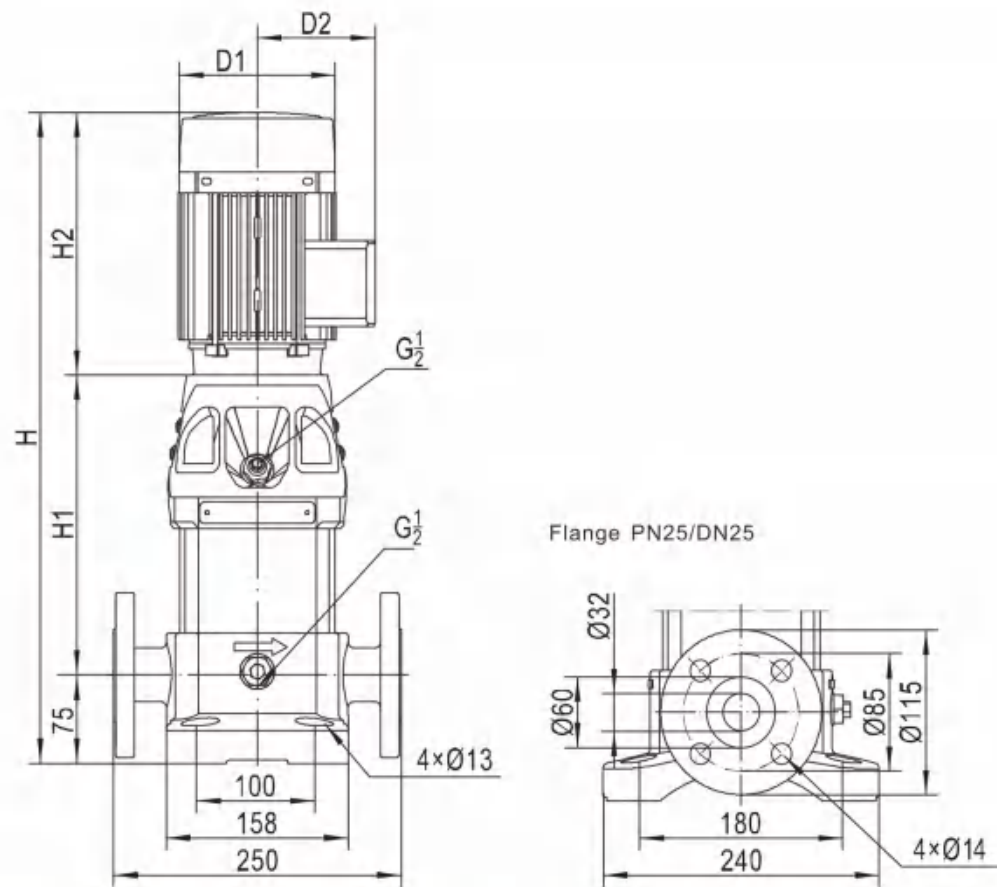


Model	Dim(mm)					Wt (kg)
	H1	H2	H(Flange/etc.)	D1	D2	
CDM1-2	187	215	477/452	148	117	23
CDM1-3	207	215	497/472	148	117	23
CDM1-4	227	215	517/492	148	117	24
CDM1-5	247	215	537/512	148	117	24
CDM1-6	267	215	557/532	148	117	25
CDM1-7	287	215	577/552	148	117	25
CDM1-8	307	215	597/572	148	117	27
CDM1-9	327	215	617/592	148	117	27
CDM1-10	347	215	637/612	148	117	28
CDM1-11	367	215	657/632	148	117	28
CDM1-12	397	245	717/692	170	142	31
CDM1-13	417	245	737/712	170	142	31
CDM1-15	457	245	777/752	170	142	32
CDM1-17	497	245	817/792	170	142	35
CDM1-19	537	245	857/832	170	142	36
CDM1-21	577	245	897/872	170	142	36
CDM1-22	597	245	917/892	170	142	37
CDM1-23	627	290	992/967	190	155	43
CDM1-25	667	290	1032/1007	190	155	44
CDM1-27	707	290	1072/1047	190	155	45
CDM1-30	767	290	1132/1107	190	155	46
CDM1-32	807	290	1172/1147	190	155	49
CDM1-33	827	290	1192/1167	190	155	49
CDM1-34	847	290	1212/1187	190	155	50
CDM1-36	887	290	1252/1227	190	155	51
CDM1-38	927	290	1292/1267	190	155	51
CDM1-40	967	290	1332/1307	190	155	52

Model	Dim(mm)					Wt (kg)
	H1	H2	H(Flange/etc.)	D1	D2	
CDMF1-2	187	215	477/452	148	117	19
CDMF1-3	207	215	497/472	148	117	19
CDMF1-4	227	215	517/492	148	117	20
CDMF1-5	247	215	537/512	148	117	20
CDMF1-6	267	215	557/532	148	117	21
CDMF1-7	287	215	577/552	148	117	21
CDMF1-8	307	215	597/572	148	117	23
CDMF1-9	327	215	617/592	148	117	23
CDMF1-10	347	215	637/612	148	117	24
CDMF1-11	367	215	657/632	148	117	24
CDMF1-12	397	245	717/692	170	142	27
CDMF1-13	417	245	737/712	170	142	27
CDMF1-15	457	245	777/752	170	142	28
CDMF1-17	497	245	817/792	170	142	31
CDMF1-19	537	245	857/832	170	142	32
CDMF1-21	577	245	897/872	170	142	32
CDMF1-22	597	245	917/892	170	142	33
CDMF1-23	627	290	992/967	190	155	39
CDMF1-25	667	290	1032/1007	190	155	40
CDMF1-27	707	290	1072/1047	190	155	41
CDMF1-30	767	290	1132/1107	190	155	42
CDMF1-32	807	290	1172/1147	190	155	45
CDMF1-33	827	290	1192/1167	190	155	45
CDMF1-34	847	290	1212/1187	190	155	46
CDMF1-36	887	290	1252/1227	190	155	47
CDMF1-38	927	290	1292/1267	190	155	47
CDMF1-40	967	290	1332/1307	190	155	48

* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

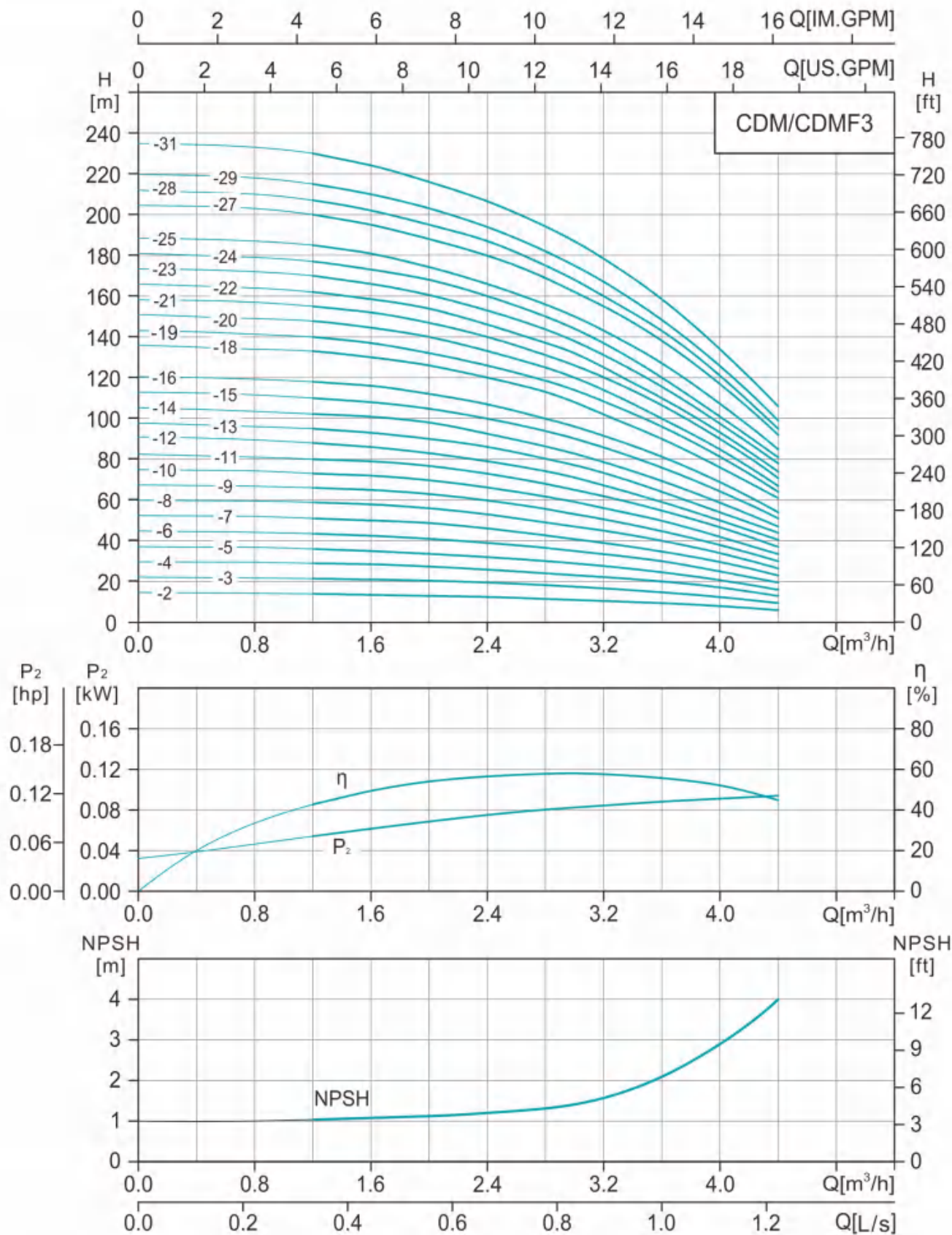
CDM/CDMF3 Installation Dimension



Model	Dim(mm)					Wt (kg)
	H1	H2	H(Flange/etc.)	D1	D2	
CDM3-2	187	215	477/452	148	117	24
CDM3-3	207	215	497/472	148	117	24
CDM3-4	227	215	517/492	148	117	25
CDM3-5	247	215	537/512	148	117	26
CDM3-6	267	215	557/532	148	117	27
CDM3-7	297	245	617/592	170	142	30
CDM3-8	317	245	637/612	170	142	30
CDM3-9	337	245	657/632	170	142	32
CDM3-10	357	245	677/652	170	142	33
CDM3-11	377	245	697/672	170	142	33
CDM3-12	397	245	717/692	170	142	34
CDM3-13	427	290	792/767	190	155	39
CDM3-14	447	290	812/787	190	155	40
CDM3-15	467	290	832/807	190	155	40
CDM3-16	487	290	852/827	190	155	41
CDM3-18	527	290	892/867	190	155	43
CDM3-19	547	290	912/887	190	155	44
CDM3-20	567	290	932/907	190	155	44
CDM3-21	587	290	952/927	190	155	45
CDM3-22	607	290	972/947	190	155	45
CDM3-23	627	290	992/967	190	155	46
CDM3-24	647	290	1012/987	190	155	46
CDM3-25	677	345	1097/1072	197	165	57
CDM3-27	717	345	1137/1112	197	165	58
CDM3-28	737	345	1157/1132	197	165	58
CDM3-29	757	345	1177/1152	197	165	58
CDM3-31	797	345	1217/1192	197	165	59

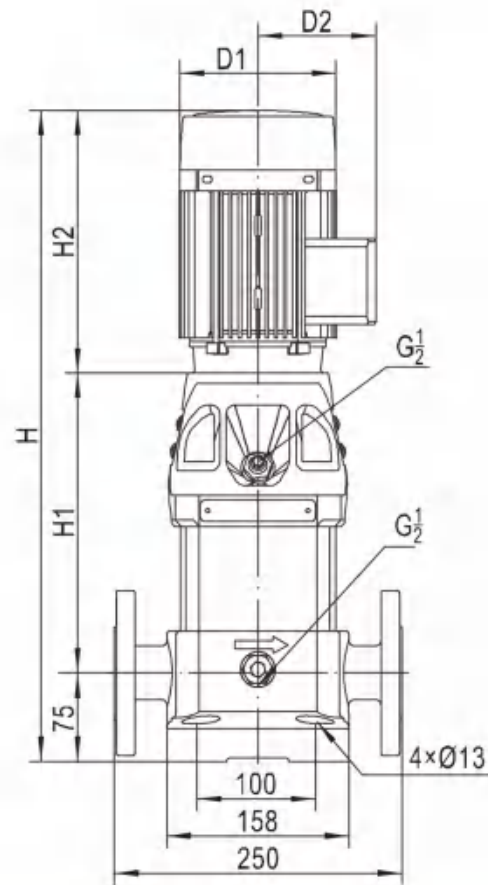
Model	Dim(mm)					Wt (kg)
	H1	H2	H(Flange/etc.)	D1	D2	
CDMF3-2	187	215	477/452	148	117	20
CDMF3-3	207	215	497/472	148	117	20
CDMF3-4	227	215	517/492	148	117	21
CDMF3-5	247	215	537/512	148	117	22
CDMF3-6	267	215	557/532	148	117	23
CDMF3-7	297	245	617/592	170	142	26
CDMF3-8	317	245	637/612	170	142	26
CDMF3-9	337	245	657/632	170	142	28
CDMF3-10	357	245	677/652	170	142	29
CDMF3-11	377	245	697/672	170	142	29
CDMF3-12	397	245	717/692	170	142	30
CDMF3-13	427	290	792/767	190	155	35
CDMF3-14	447	290	812/787	190	155	36
CDMF3-15	467	290	832/807	190	155	36
CDMF3-16	487	290	852/827	190	155	37
CDMF3-18	527	290	892/867	190	155	39
CDMF3-19	547	290	912/887	190	155	40
CDMF3-20	567	290	932/907	190	155	40
CDMF3-21	587	290	952/927	190	155	41
CDMF3-22	607	290	972/947	190	155	41
CDMF3-23	627	290	992/967	190	155	42
CDMF3-24	647	290	1012/987	190	155	42
CDMF3-25	677	345	1097/1072	197	165	53
CDMF3-27	717	345	1137/1112	197	165	54
CDMF3-28	737	345	1157/1132	197	165	54
CDMF3-29	757	345	1177/1152	197	165	54
CDMF3-31	797	345	1217/1192	197	165	55

Performance Curve

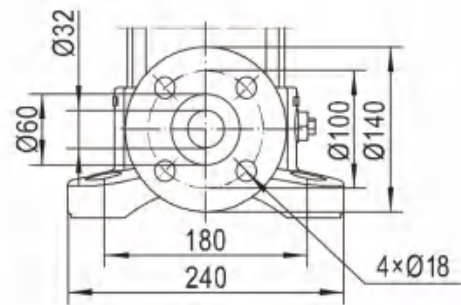


* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

CDM/CDMF5 Installation Dimension



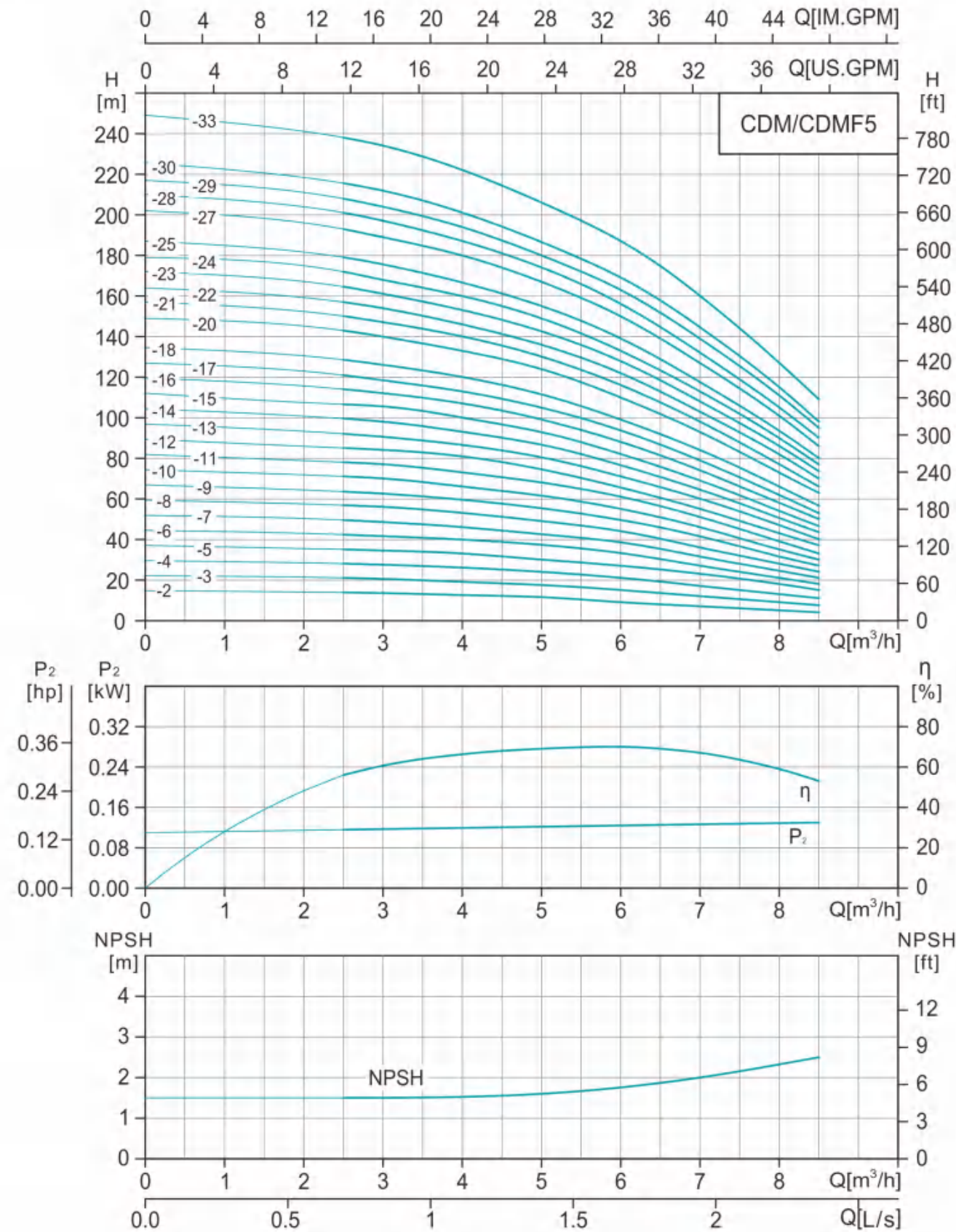
Flange PN25/DN32



Model	Dim(mm)					Wt (kg)
	H1	H2	H(Flange/etc.)	D1	D2	
CDM5-2	201	215	491/466	148	117	24
CDM5-3	228	215	518/493	148	117	26
CDM5-4	255	215	545/520	148	117	27
CDM5-5	292	245	612/587	170	142	30
CDM5-6	319	245	639/614	170	142	32
CDM5-7	346	245	666/641	170	142	32
CDM5-8	373	245	693/668	170	142	33
CDM5-9	410	290	775/750	190	155	38
CDM5-10	437	290	802/777	190	155	39
CDM5-11	464	290	829/804	190	155	39
CDM5-12	491	290	856/831	190	155	42
CDM5-13	518	290	883/858	190	155	42
CDM5-14	545	290	910/885	190	155	43
CDM5-15	572	290	937/912	190	155	43
CDM5-16	599	290	964/939	190	155	44
CDM5-17	636	345	1056/1030	197	165	55
CDM5-18	663	345	1083/1058	197	165	55
CDM5-20	717	345	1137/1112	197	165	56
CDM5-21	744	345	1164/1139	197	165	57
CDM5-22	771	355	1201/1176	230	188	64
CDM5-23	798	355	1228/1203	230	188	65
CDM5-24	825	355	1255/1230	230	188	65
CDM5-25	852	355	1282/1257	230	188	66
CDM5-27	906	355	1336/1311	230	188	67
CDM5-28	933	355	1363/1338	230	188	67
CDM5-29	1035	390	1500/1475	260	208	87
CDM5-30	1062	390	1527/1502	260	208	88
CDM5-33	1143	390	1608/1583	260	208	89

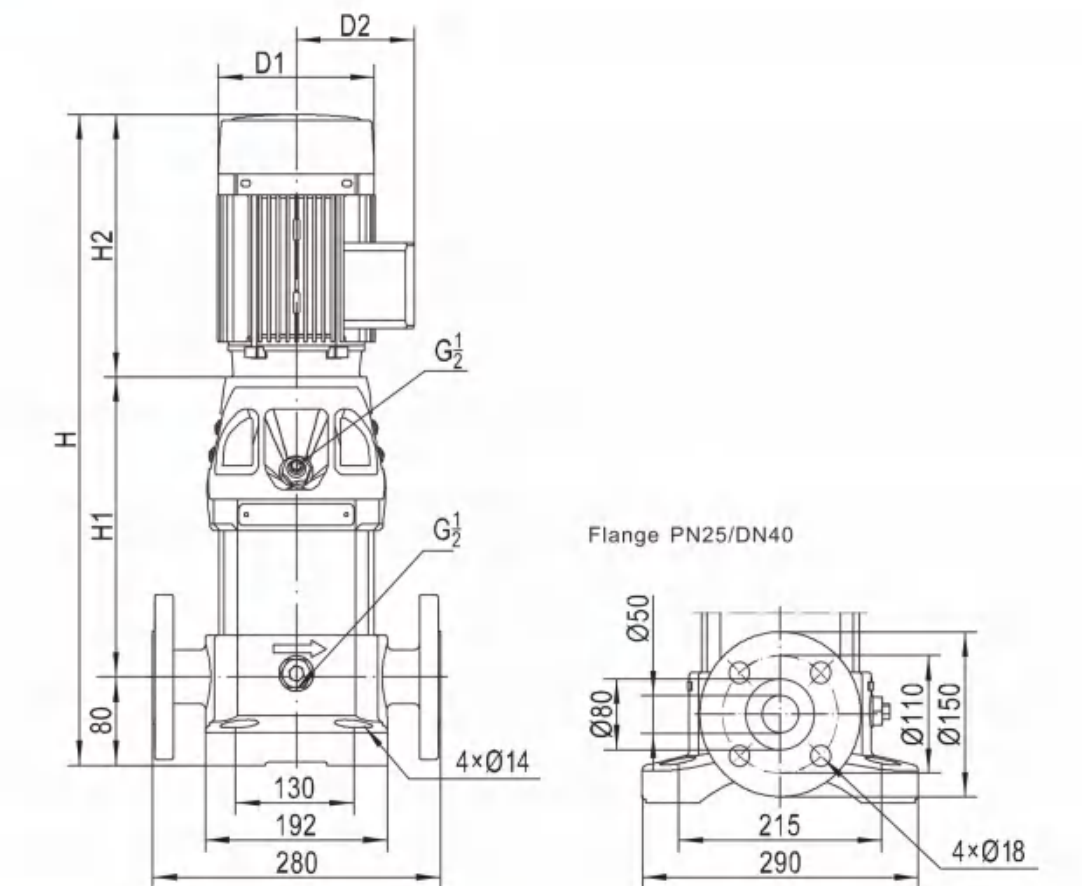
Model	Dim(mm)					Wt (kg)
	H1	H2	H(Flange/etc.)	D1	D2	
CDMF5-2	201	215	491/466	148	117	19
CDMF5-3	228	215	518/493	148	117	21
CDMF5-4	255	215	545/520	148	117	22
CDMF5-5	292	245	612/587	170	142	25
CDMF5-6	319	245	639/614	170	142	27
CDMF5-7	346	245	666/641	170	142	27
CDMF5-8	373	245	693/668	170	142	28
CDMF5-9	410	290	775/750	190	155	33
CDMF5-10	437	290	802/777	190	155	34
CDMF5-11	464	290	829/804	190	155	34
CDMF5-12	491	290	856/831	190	155	37
CDMF5-13	518	290	883/858	190	155	37
CDMF5-14	545	290	910/885	190	155	38
CDMF5-15	572	290	937/912	190	155	38
CDMF5-16	599	290	964/939	190	155	39
CDMF5-17	636	345	1056/1030	197	165	50
CDMF5-18	663	345	1083/1058	197	165	50
CDMF5-20	717	345	1137/1112	197	165	51
CDMF5-21	744	345	1164/1139	197	165	52
CDMF5-22	771	355	1201/1176	230	188	59
CDMF5-23	798	355	1228/1203	230	188	60
CDMF5-24	825	355	1255/1230	230	188	60
CDMF5-25	852	355	1282/1257	230	188	61
CDMF5-27	906	355	1336/1311	230	188	62
CDMF5-28	933	355	1363/1338	230	188	62
CDMF5-29	1035	390	1500/1475	260	208	82
CDMF5-30	1062	390	1527/1502	260	208	83
CDMF5-33	1143	390	1608/1583	260	208	84

Performance Curve



* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

CDM/CDMF10 Installation Dimension

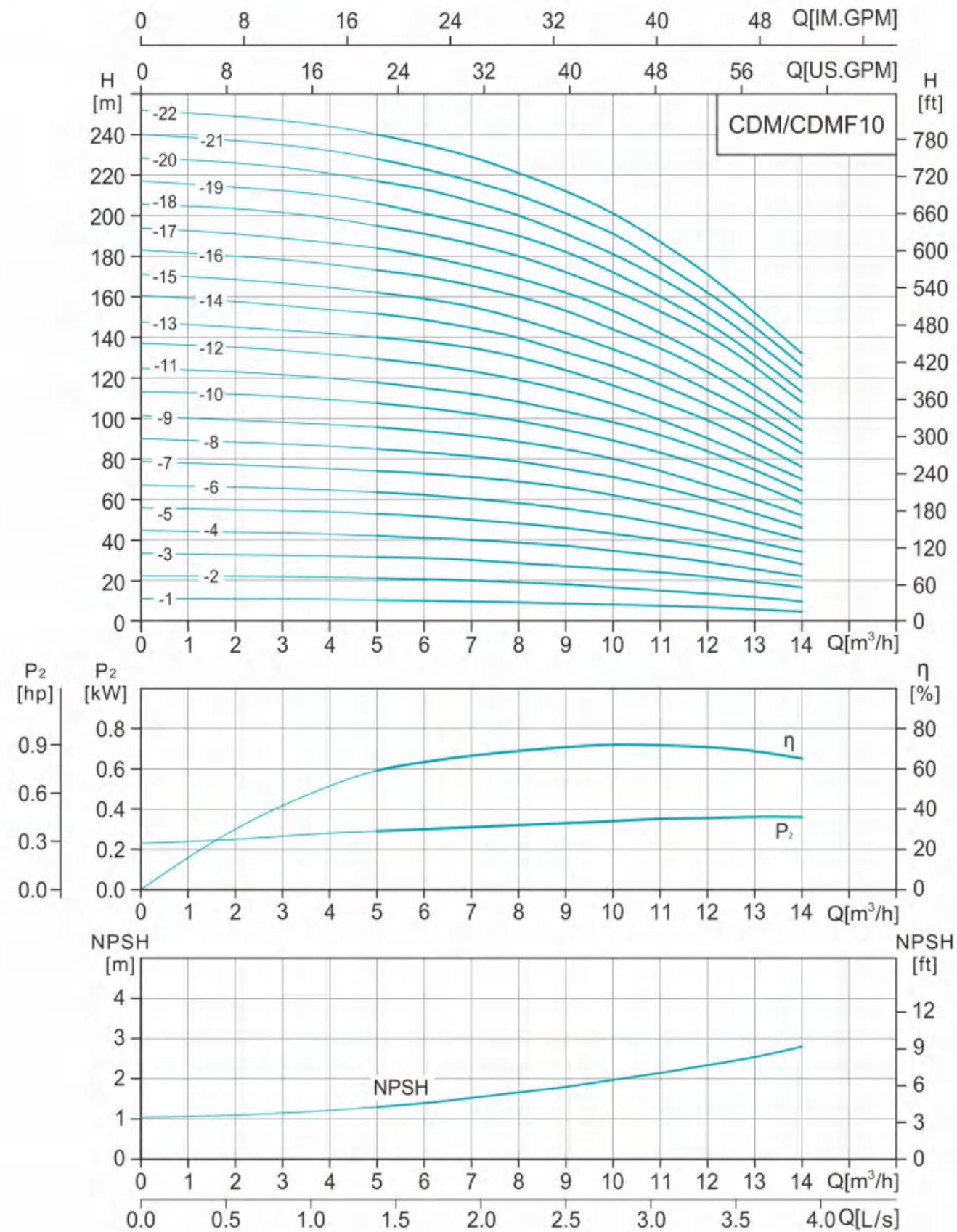


Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM10-1	267	245	592	170	142	31
CDM10-2	267	245	592	170	142	32
CDM10-3	297	245	622	170	142	35
CDM10-4	337	290	707	190	155	41
CDM10-5	367	290	737	190	155	45
CDM10-6	397	290	767	190	155	46
CDM10-7	437	345	862	197	165	57
CDM10-8	467	345	892	197	165	58
CDM10-9	497	355	932	230	188	65
CDM10-10	527	355	962	230	188	66
CDM10-11	557	355	992	230	188	67
CDM10-12	587	355	1022	230	188	68
CDM10-13	695	390	1165	260	208	88
CDM10-14	725	390	1195	260	208	89
CDM10-15	755	390	1225	260	208	90
CDM10-16	785	390	1255	260	208	99
CDM10-17	815	390	1285	260	208	100
CDM10-18	845	390	1315	260	208	101
CDM10-19	875	390	1345	260	208	102
CDM10-20	905	390	1375	260	208	103
CDM10-21	935	390	1405	260	208	104
CDM10-22	995	500	1575	330	255	170

Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDMF10-1	267	245	592	170	142	29
CDMF10-2	267	245	592	170	142	30
CDMF10-3	297	245	622	170	142	33
CDMF10-4	337	290	707	190	155	39
CDMF10-5	367	290	737	190	155	43
CDMF10-6	397	290	767	190	155	44
CDMF10-7	437	345	862	197	165	55
CDMF10-8	467	345	892	197	165	56
CDMF10-9	497	355	932	230	188	63
CDMF10-10	527	355	962	230	188	64
CDMF10-11	557	355	992	230	188	65
CDMF10-12	587	355	1022	230	188	66
CDMF10-13	695	390	1165	260	208	86
CDMF10-14	725	390	1195	260	208	87
CDMF10-15	755	390	1225	260	208	88
CDMF10-16	785	390	1255	260	208	97
CDMF10-17	815	390	1285	260	208	98
CDMF10-18	845	390	1315	260	208	99
CDMF10-19	875	390	1345	260	208	100
CDMF10-20	905	390	1375	260	208	101
CDMF10-21	935	390	1405	260	208	102
CDMF10-22	995	500	1575	330	255	168

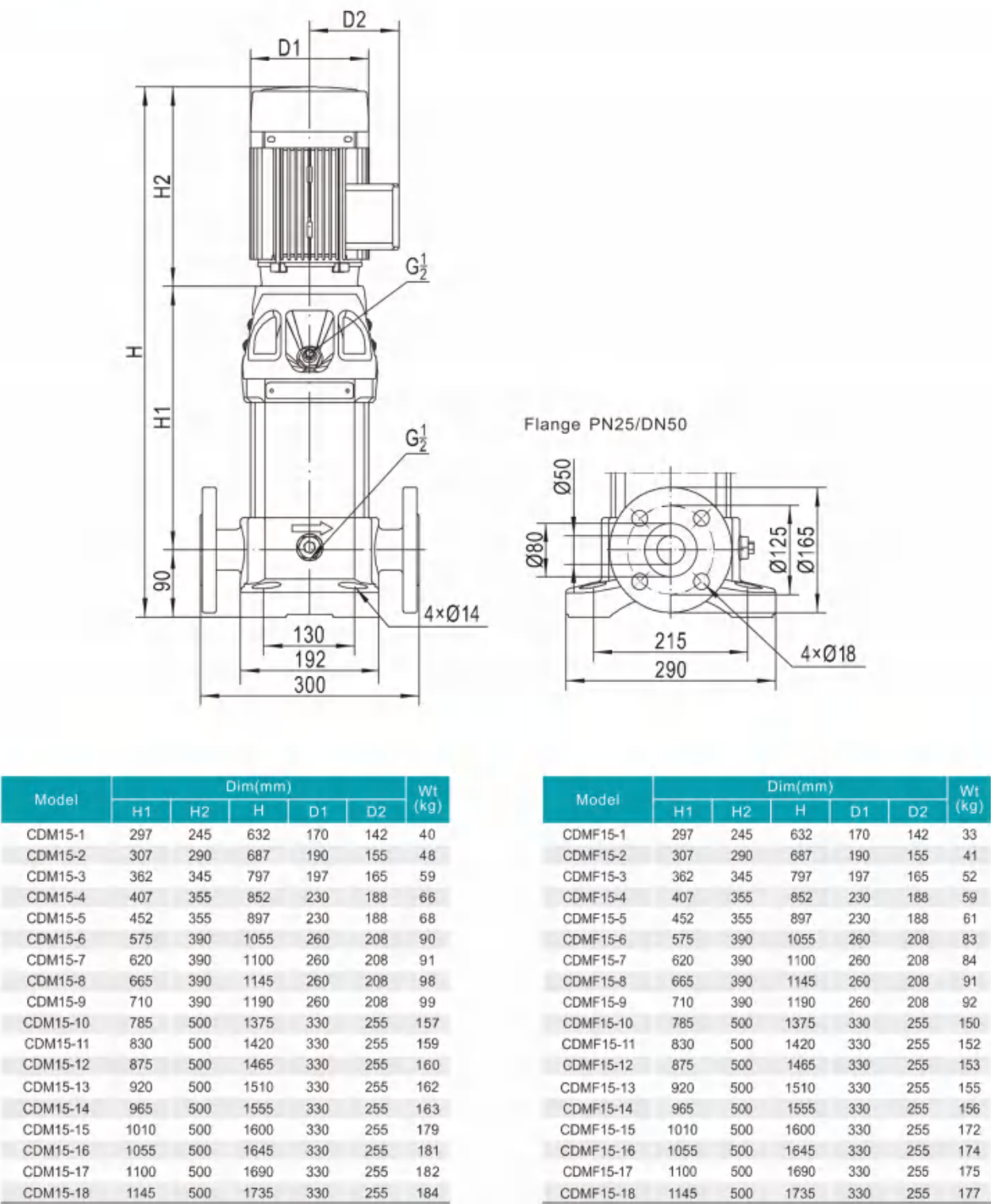
* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

Performance Curve

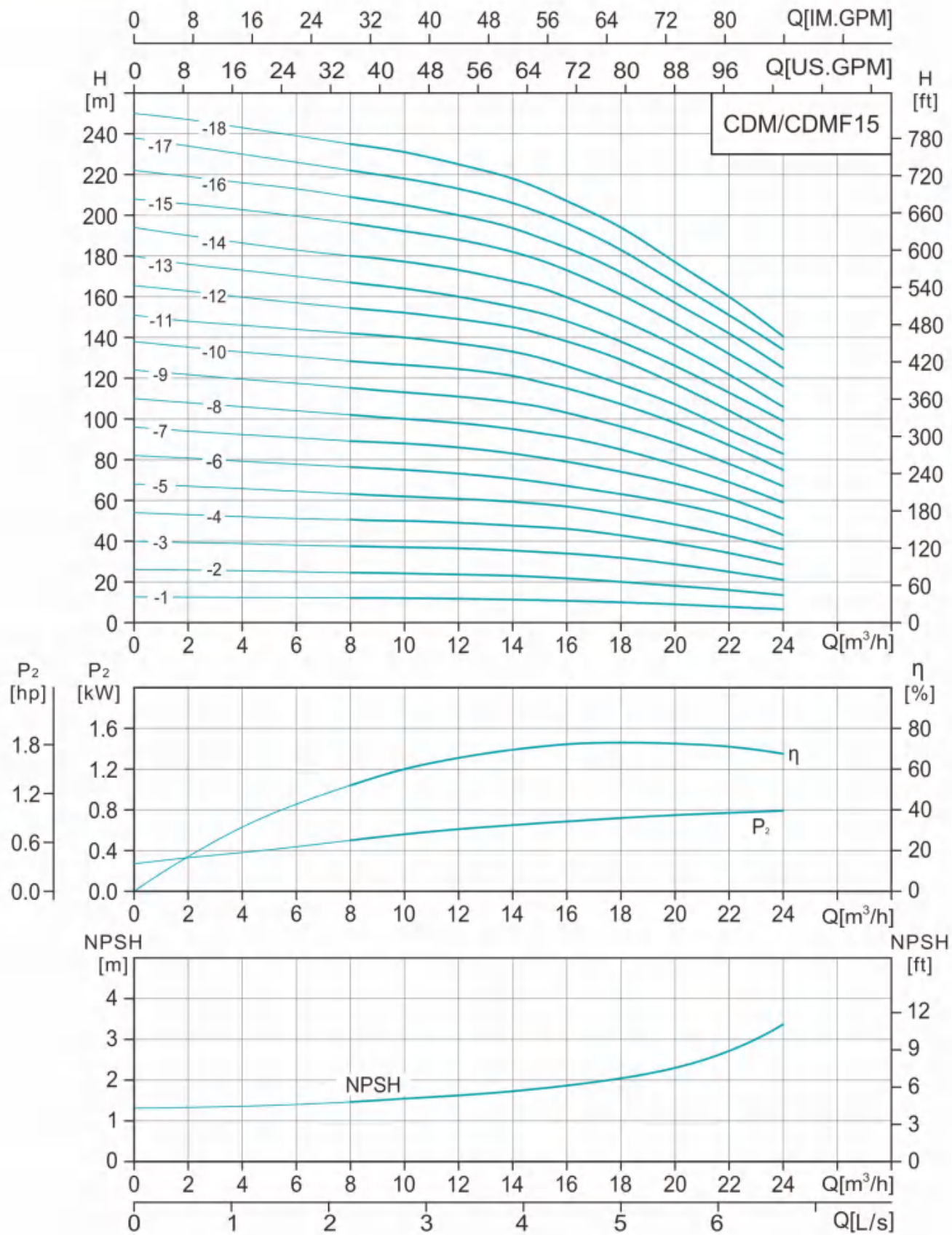


CDM/CDMF15 Installation Dimension

Performance Curve

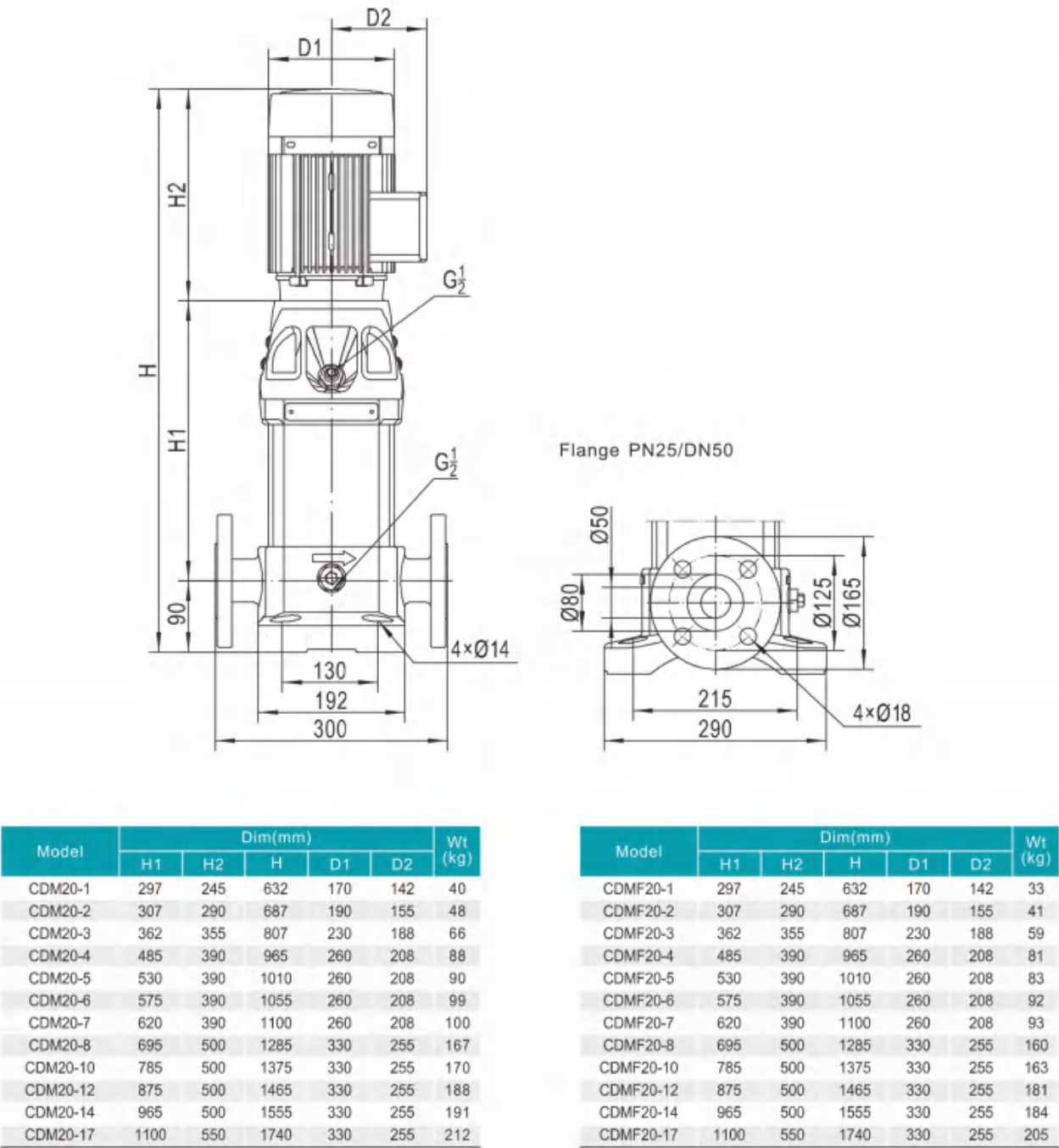


* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

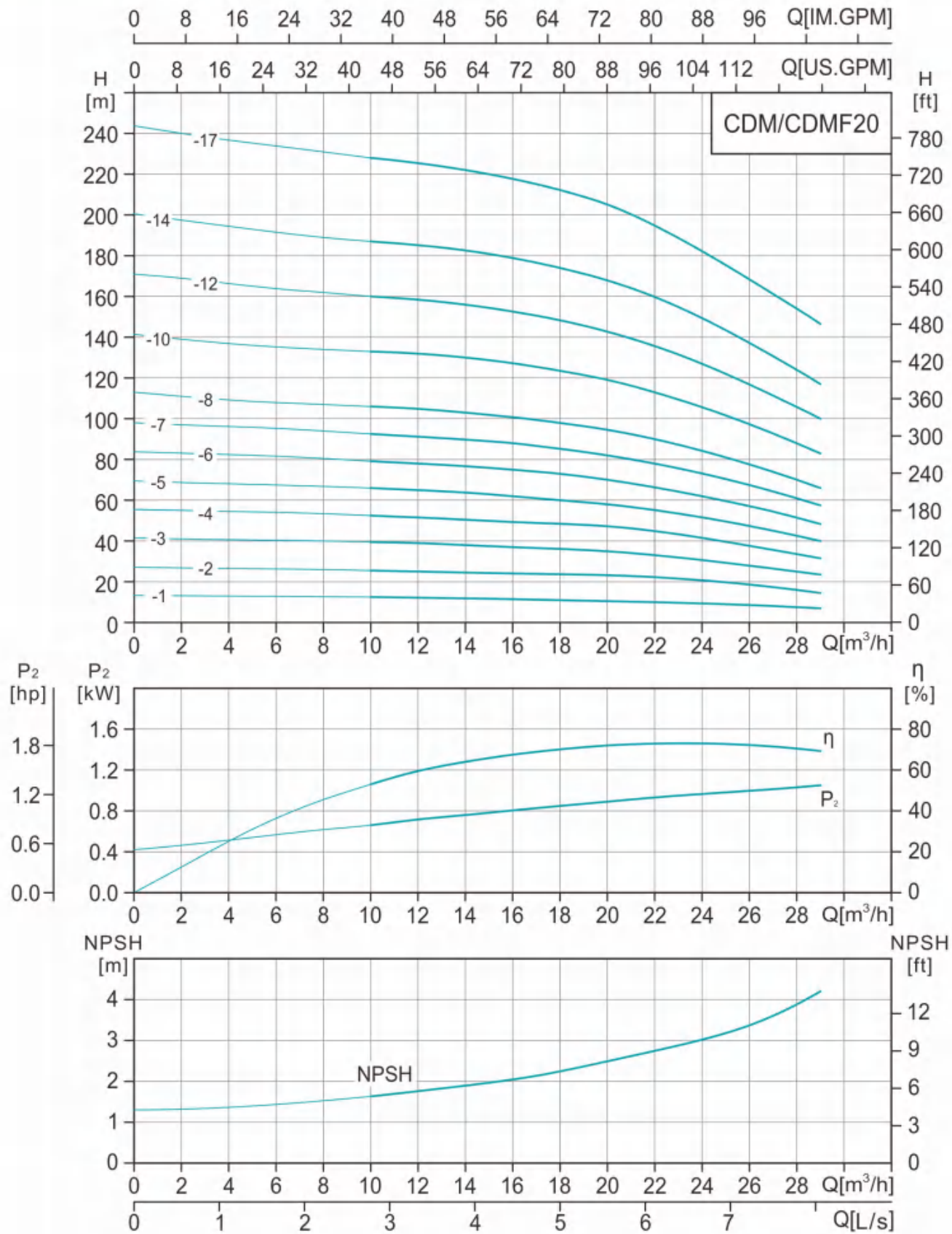


CDM/CDMF20 Installation Dimension

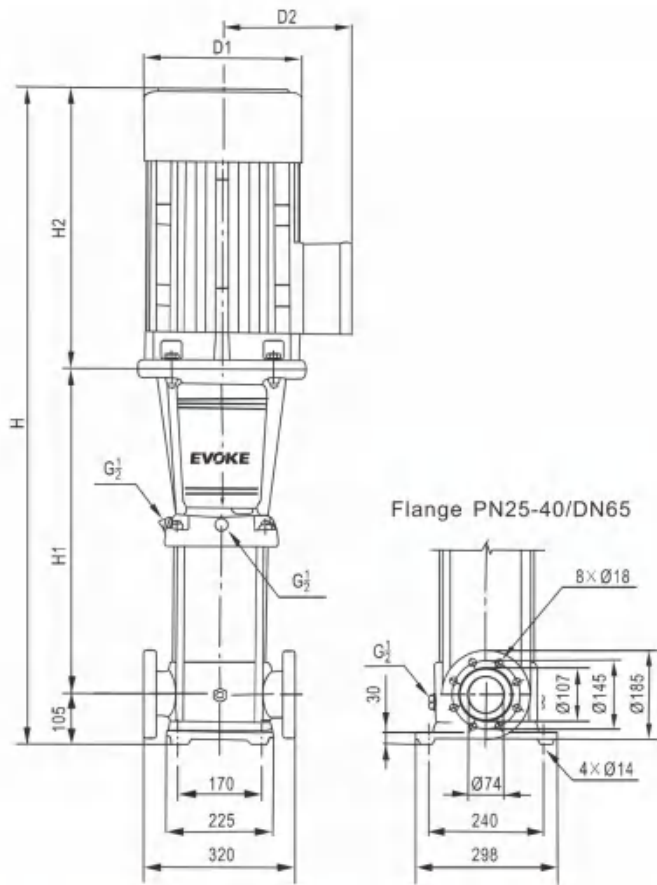
Performance Curve



* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.



CDM/CDMF32 Installation Dimension

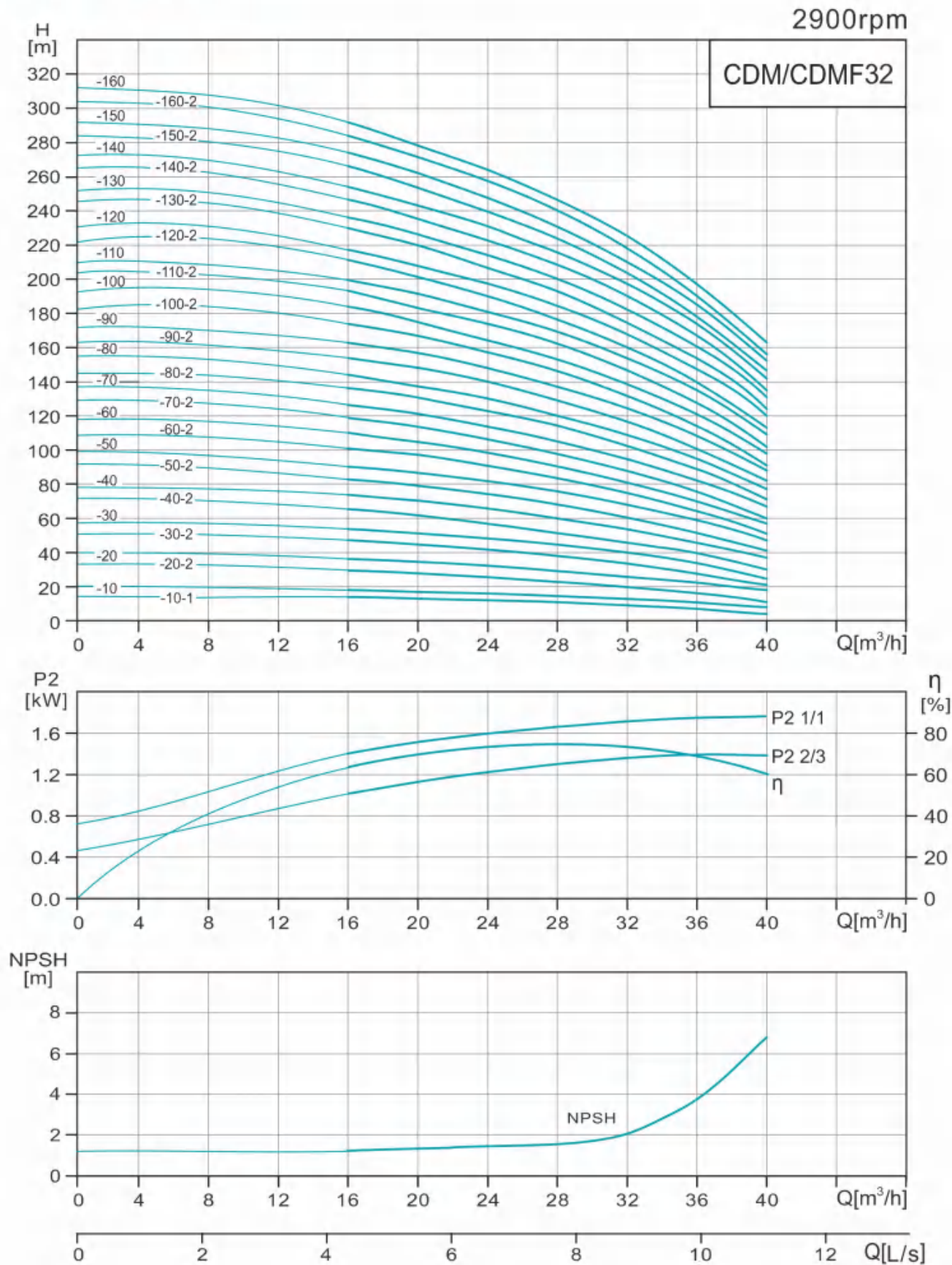


Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF32-10-1	400	290	795	190	155	64
CDM/CDMF32-10	400	290	795	190	155	68
CDM/CDMF32-20-2	470	345	920	197	165	77
CDM/CDMF32-20	470	355	930	230	180	85
CDM/CDMF32-30-2	540	390	1035	260	208	100
CDM/CDMF32-30	540	390	1035	260	208	100
CDM/CDMF32-40-2	610	390	1105	260	208	109
CDM/CDMF32-40	610	390	1105	260	208	109
CDM/CDMF32-50-2	785	500	1390	330	255	181
CDM/CDMF32-50	785	500	1390	330	255	181
CDM/CDMF32-60-2	855	500	1460	330	255	185
CDM/CDMF32-60	855	500	1460	330	255	185
CDM/CDMF32-70-2	925	500	1530	330	255	199
CDM/CDMF32-70	925	500	1530	330	255	199
CDM/CDMF32-80-2	995	500	1600	330	255	203
CDM/CDMF32-80	995	500	1600	330	255	203

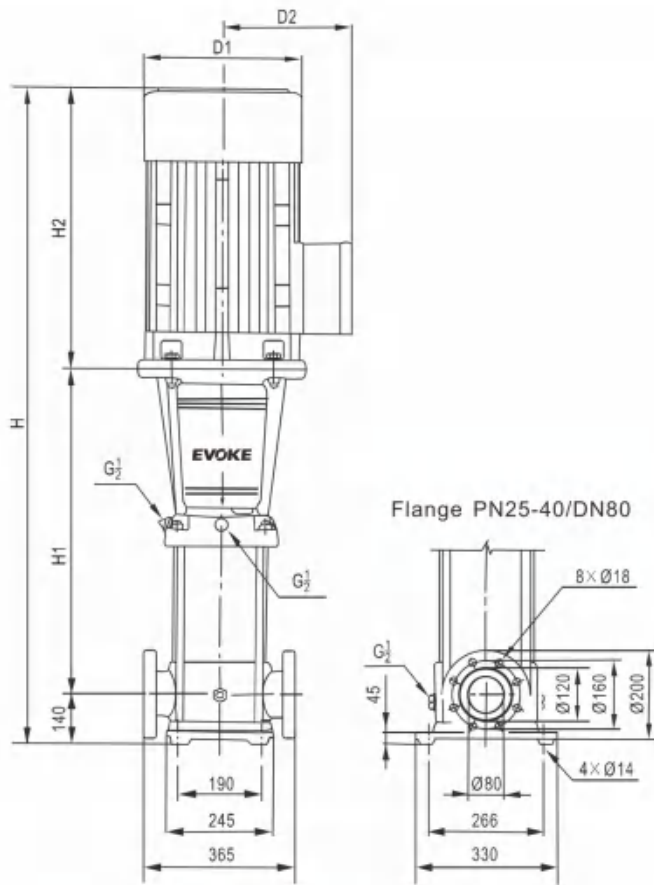
Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF32-90-2	1065	550	1720	330	255	222
CDM/CDMF32-90	1065	550	1720	330	255	222
CDM/CDMF32-100-2	1135	550	1790	330	255	227
CDM/CDMF32-100	1135	550	1790	330	255	227
CDM/CDMF32-110-2	1205	575	1885	360	285	272
CDM/CDMF32-110	1205	575	1885	360	285	272
CDM/CDMF32-120-2	1275	575	1955	360	285	276
CDM/CDMF32-120	1275	575	1955	360	285	276
CDM/CDMF32-130-2	1345	650	2100	400	310	337
CDM/CDMF32-130	1345	650	2100	400	310	337
CDM/CDMF32-140-2	1415	650	2170	400	310	341
CDM/CDMF32-140	1415	650	2170	400	310	341
CDM/CDMF32-150-2	1485	650	2240	400	310	345
CDM/CDMF32-150	1485	650	2240	400	310	345
CDM/CDMF32-160-2	1555	650	2310	400	310	350
CDM/CDMF32-160	1555	650	2310	400	310	350

* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

Performance Curve



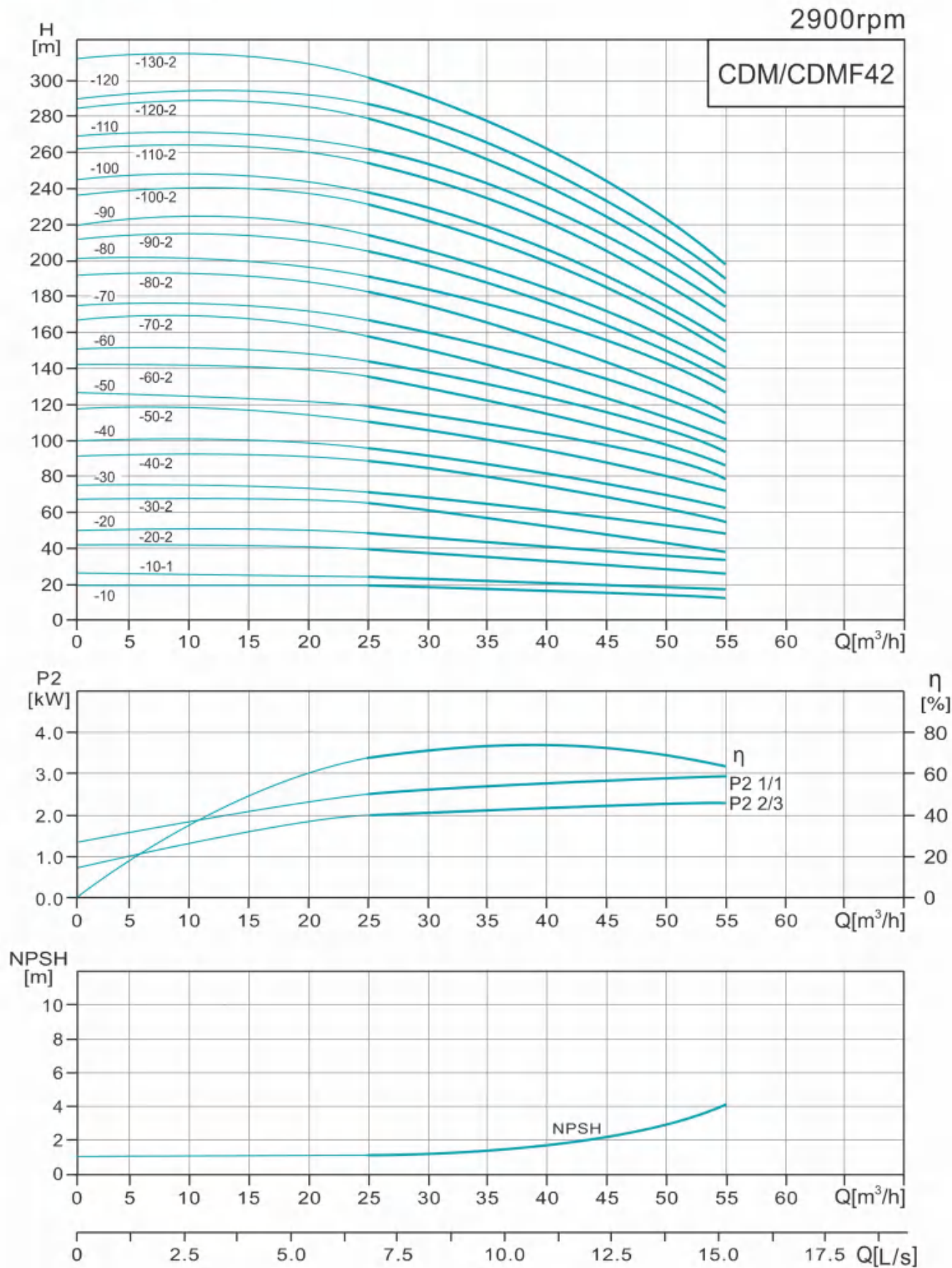
CDM/CDMF42 Installation Dimension



Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF42-10-1	421	345	906	197	165	83
CDM/CDMF42-10	421	355	916	230	188	90
CDM/CDMF42-20-2	501	390	1031	260	208	105
CDM/CDMF42-20	501	390	1031	260	208	110
CDM/CDMF42-30-2	686	500	1326	330	255	183
CDM/CDMF42-30	686	500	1326	330	255	183
CDM/CDMF42-40-2	766	500	1406	330	255	197
CDM/CDMF42-40	766	500	1406	330	255	197
CDM/CDMF42-50-2	846	550	1536	330	255	221
CDM/CDMF42-50	846	550	1536	330	255	221
CDM/CDMF42-60-2	926	575	1641	360	285	261
CDM/CDMF42-60	926	575	1641	360	285	261
CDM/CDMF42-70-2	1006	650	1796	400	310	320

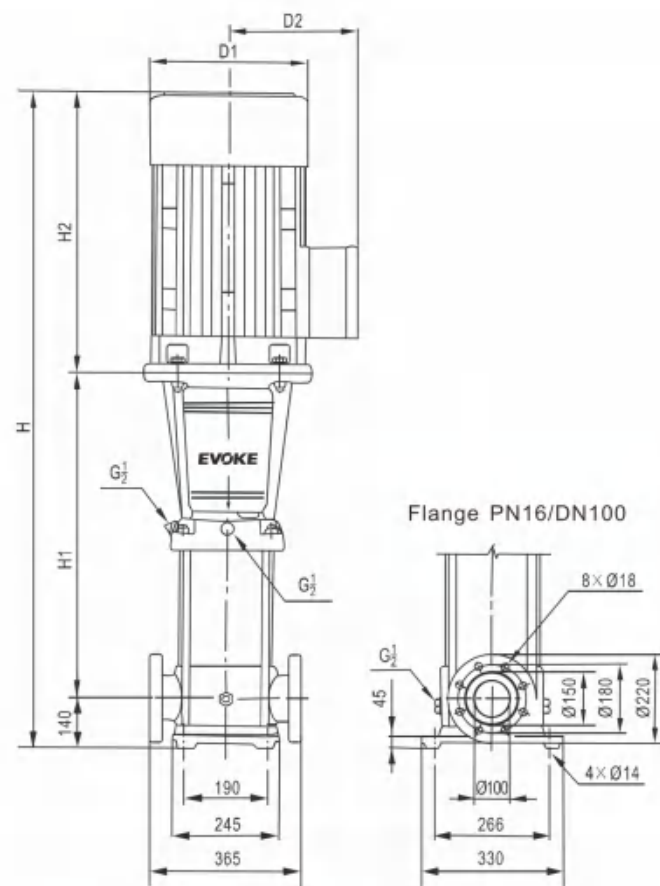
Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF42-70	1006	650	1796	400	310	320
CDM/CDMF42-80-2	1086	650	1876	400	310	324
CDM/CDMF42-80	1086	650	1876	400	310	324
CDM/CDMF42-90-2	1166	650	1956	400	310	328
CDM/CDMF42-90	1166	650	1956	400	310	352
CDM/CDMF42-100-2	1246	650	2036	400	310	355
CDM/CDMF42-100	1246	650	2036	400	310	355
CDM/CDMF42-110-2	1326	685	2151	450	345	426
CDM/CDMF42-110	1326	685	2151	450	345	426
CDM/CDMF42-120-2	1406	685	2231	450	345	432
CDM/CDMF42-120	1406	685	2231	450	345	432
CDM/CDMF42-130-2	1486	685	2311	450	345	438

Performance Curve



* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

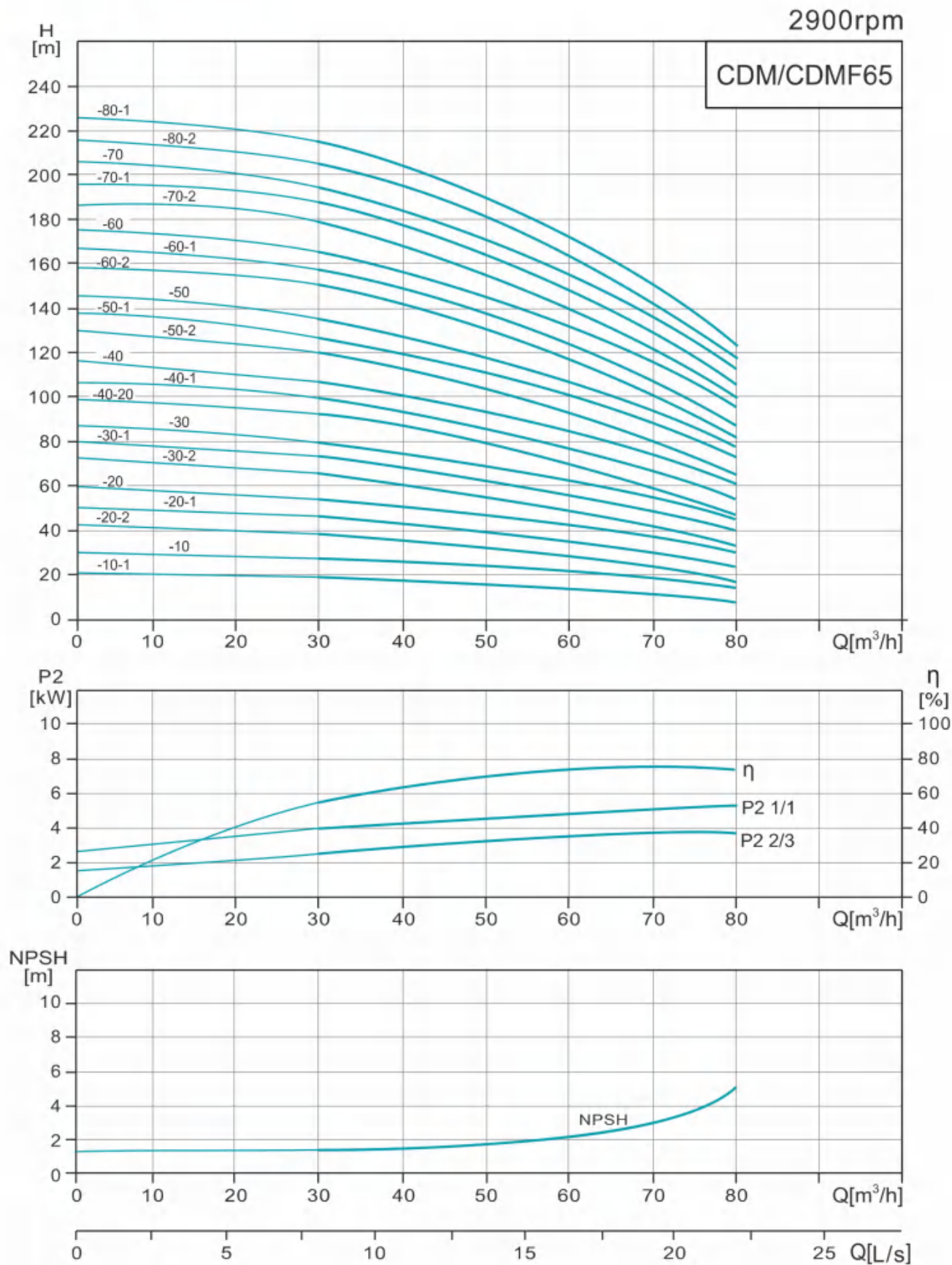
CDM/CDMF65 Installation Dimension



Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF65-10-1	421	355	916	230	188	93
CDM/CDMF65-10	421	390	951	260	208	105
CDM/CDMF65-20-2	504	390	1034	260	208	110
CDM/CDMF65-20-1	614	500	1254	330	255	182
CDM/CDMF65-20	614	500	1254	330	255	182
CDM/CDMF65-30-2	696	500	1336	330	255	196
CDM/CDMF65-30-1	696	500	1336	330	255	197
CDM/CDMF65-30	696	550	1386	330	255	221
CDM/CDMF65-40-2	779	550	1469	330	255	225
CDM/CDMF65-40-1	779	575	1494	360	285	258
CDM/CDMF65-40	779	575	1494	360	285	258

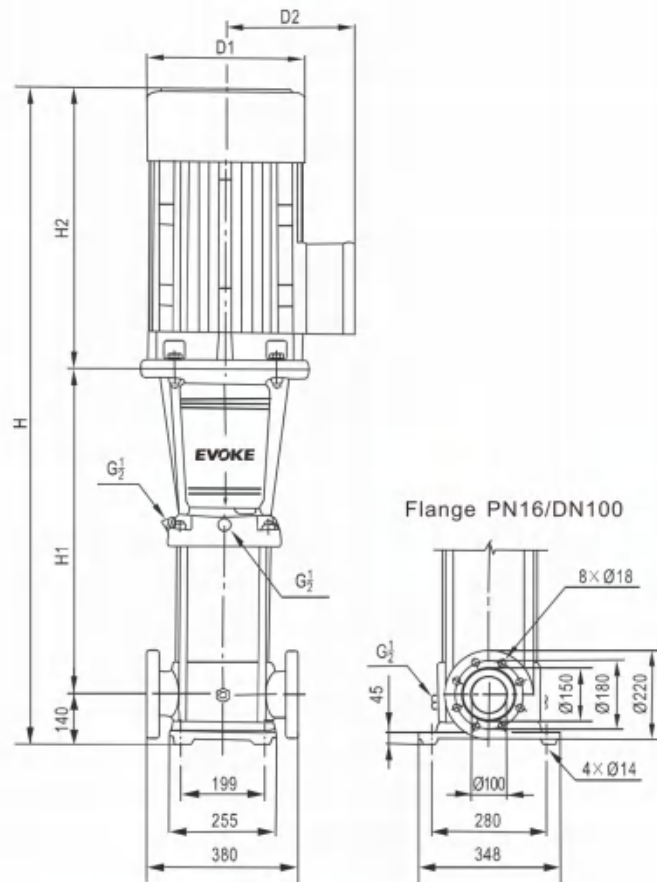
Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF65-50-2	861	650	1651	400	310	319
CDM/CDMF65-50-1	861	650	1651	400	310	319
CDM/CDMF65-50	861	650	1651	400	310	320
CDM/CDMF65-60-2	944	650	1734	400	310	325
CDM/CDMF65-60-1	944	650	1734	400	310	349
CDM/CDMF65-60	944	650	1734	400	310	349
CDM/CDMF65-70-2	1026	650	1816	400	310	353
CDM/CDMF65-70-1	1026	650	1816	400	310	353
CDM/CDMF65-70	1026	685	1851	460	340	420
CDM/CDMF65-80-2	1108	685	1933	460	340	424
CDM/CDMF65-80-1	1108	685	1933	460	340	424

Performance Curve



* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.
CDM/CDMF65 series can also provide PN25-40/DN100 standard flanges according to customer requirements.

CDM/CDMF85 Installation Dimension

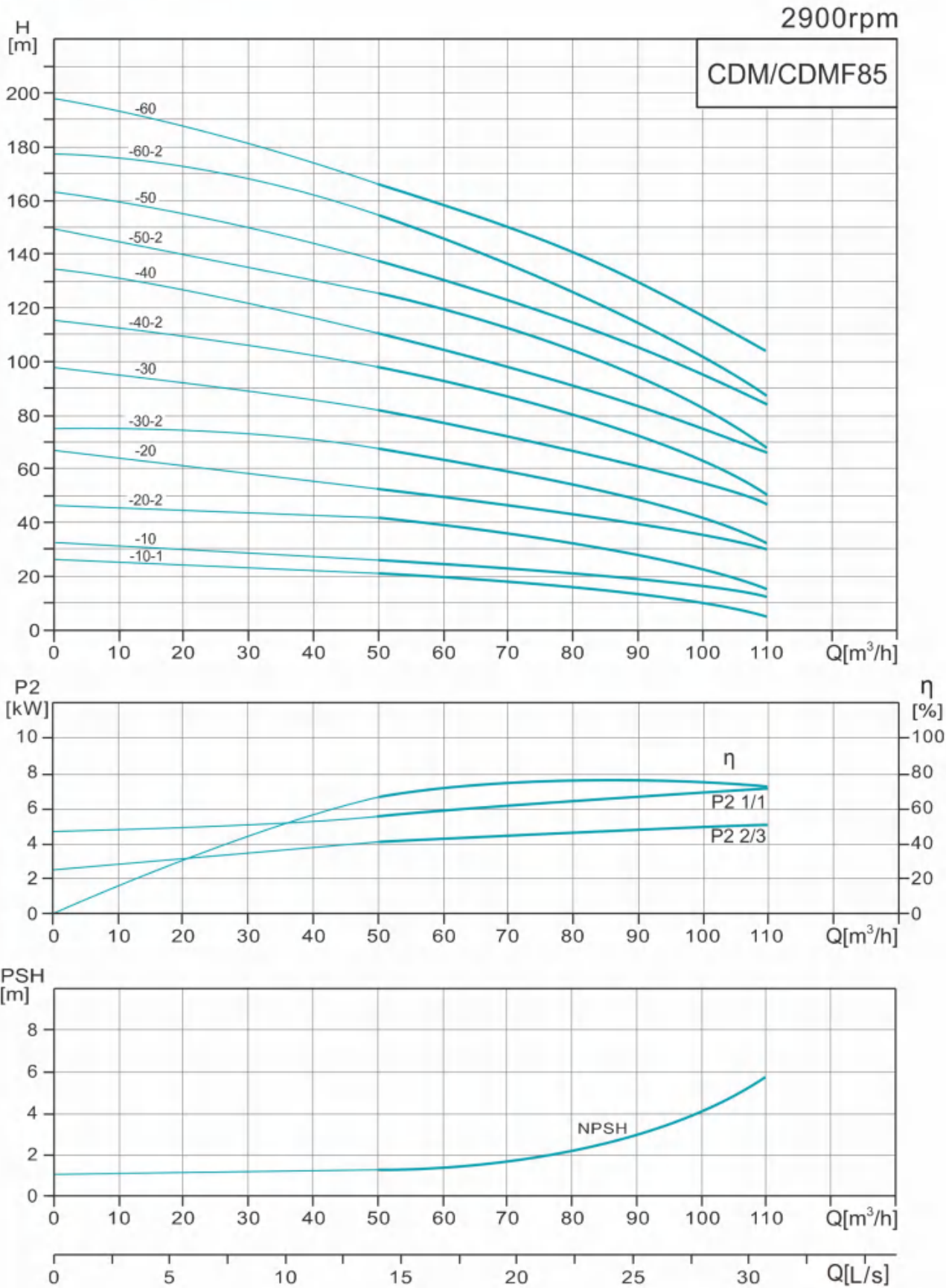


Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF85-10-1	431	390	961	260	208	105
CDM/CDMF85-10	431	390	961	260	208	110
CDM/CDMF85-20-2	633	500	1273	330	255	181
CDM/CDMF85-20	633	500	1273	330	255	192
CDM/CDMF85-30-2	725	550	1415	330	255	215
CDM/CDMF85-30	725	575	1440	360	285	252

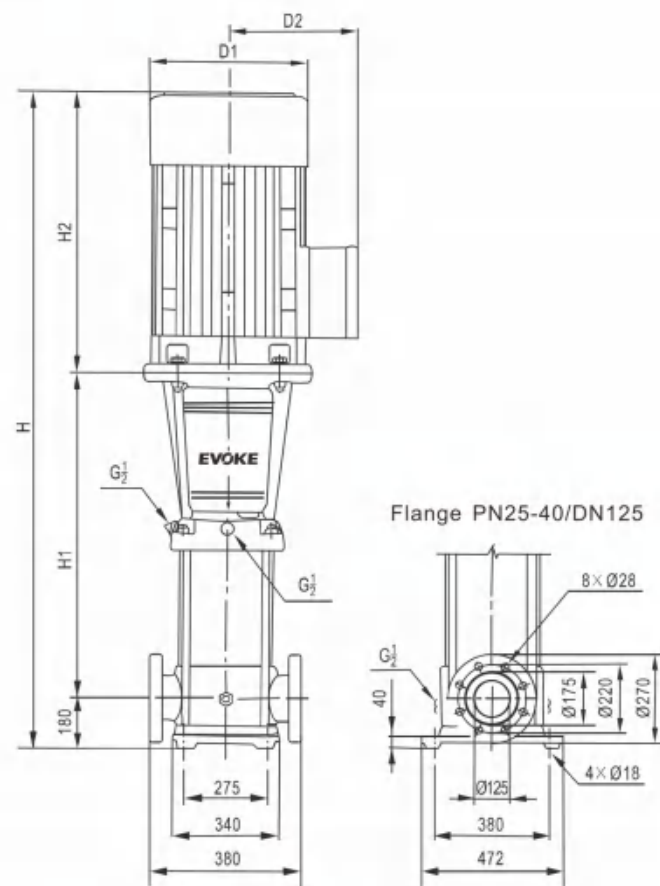
Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF85-40-2	817	650	1607	400	310	312
CDM/CDMF85-40	817	650	1607	400	310	312
CDM/CDMF85-50-2	909	650	1699	400	310	336
CDM/CDMF85-50	909	650	1699	400	310	336
CDM/CDMF85-60-2	1001	685	1826	460	340	407
CDM/CDMF85-60	1001	685	1826	460	340	407

* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.
CDM/CDMF85 series can also provide PN25-40/DN100 standard flanges according to customer requirements.

Performance Curve



CDM/CDMF120 Installation Dimension

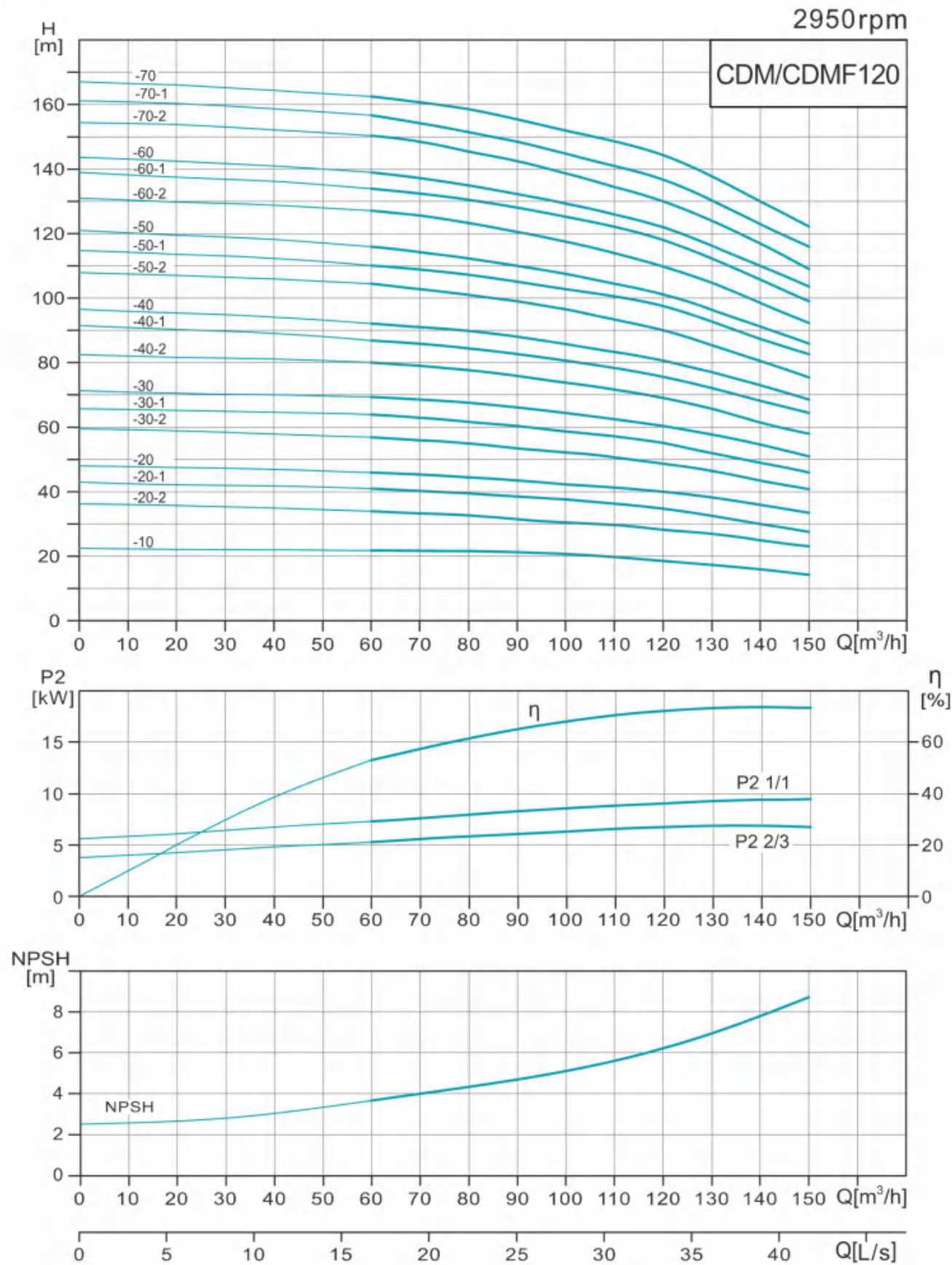


Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF120-10	660	500	1340	330	255	230
CDM/CDMF120-20-2	820	500	1500	330	255	245
CDM/CDMF120-20-1	820	550	1550	330	255	250
CDM/CDMF120-20	820	575	1575	360	285	285
CDM/CDMF120-30-2	980	650	1810	400	310	360
CDM/CDMF120-30-1	980	650	1810	400	310	360
CDM/CDMF120-30	980	650	1810	400	310	360
CDM/CDMF120-40-2	1140	650	1970	400	310	400
CDM/CDMF120-40-1	1140	650	1970	400	310	400
CDM/CDMF120-40	1140	685	2005	460	340	460

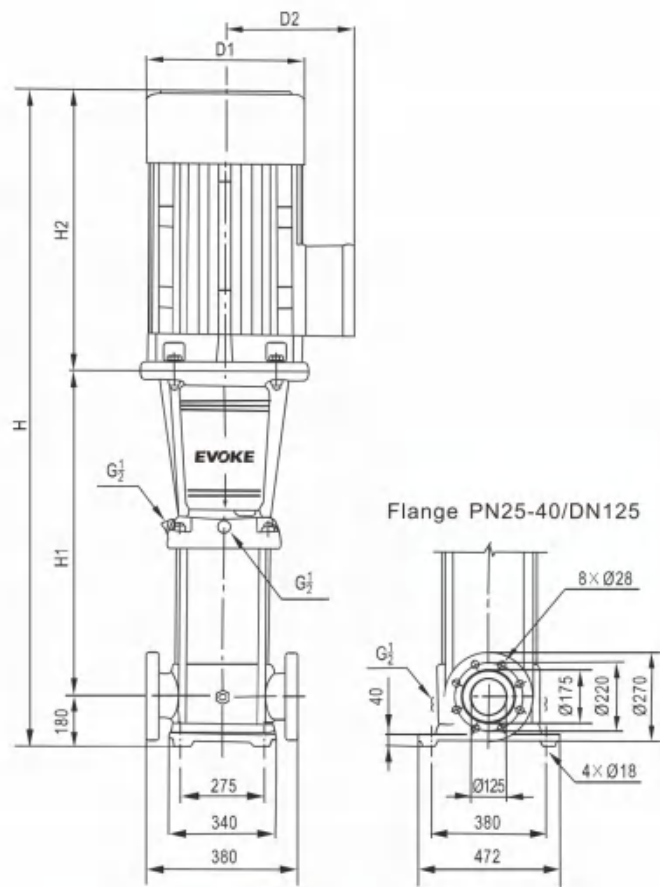
Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF120-50-2	1300	685	2165	460	340	470
CDM/CDMF120-50-1	1300	685	2165	460	340	470
CDM/CDMF120-50	1330	760	2270	540	370	575
CDM/CDMF120-60-2	1490	760	2430	540	370	585
CDM/CDMF120-60-1	1490	760	2430	540	370	585
CDM/CDMF120-60	1490	845	2515	580	410	705
CDM/CDMF120-70-2	1650	845	2675	580	410	715
CDM/CDMF120-70-1	1650	845	2675	580	410	715
CDM/CDMF120-70	1650	845	2675	580	410	715

* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

Performance Curve



CDM/CDMF150 Installation Dimension

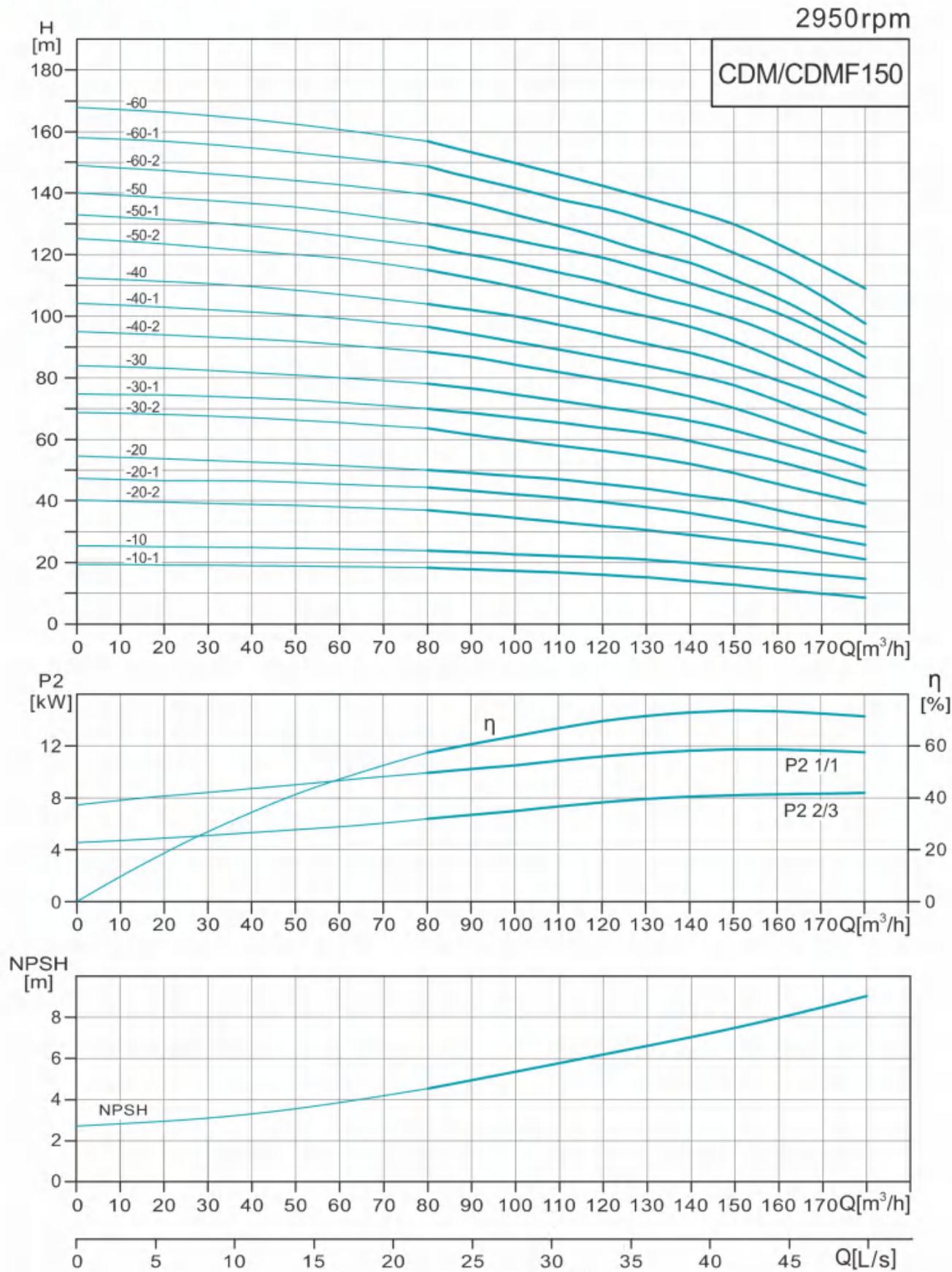


Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF150-10-1	660	500	1340	330	255	230
CDM/CDMF150-10	660	500	1340	330	255	235
CDM/CDMF150-20-2	820	550	1550	330	255	250
CDM/CDMF150-20-1	820	575	1575	360	285	295
CDM/CDMF150-20	820	650	1650	400	310	350
CDM/CDMF150-30-2	980	650	1810	400	310	360
CDM/CDMF150-30-1	980	650	1810	400	310	360
CDM/CDMF150-30	980	650	1810	400	310	385
CDM/CDMF150-40-2	1140	685	2005	460	340	460

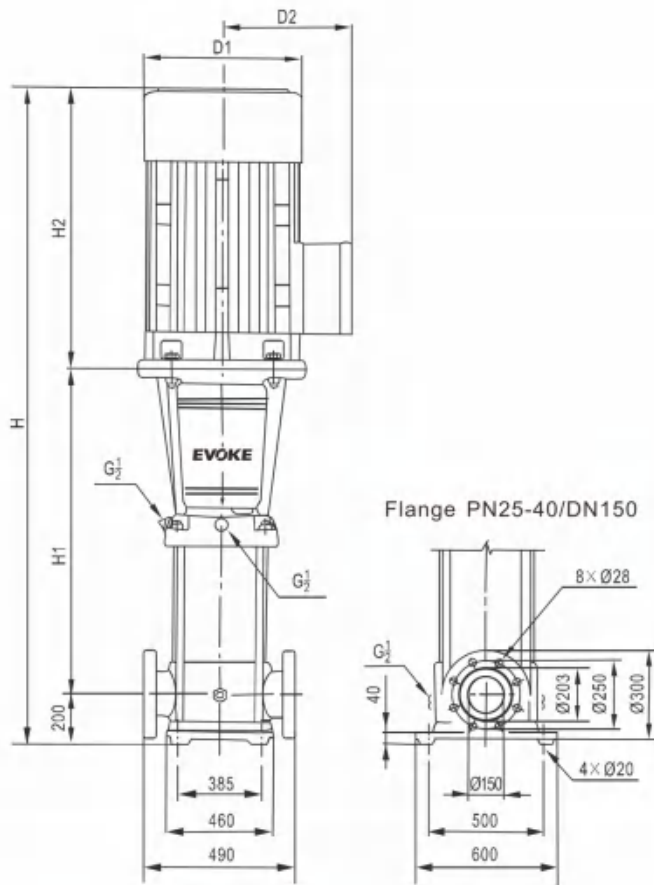
Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF150-40-1	1140	685	2005	460	340	460
CDM/CDMF150-40	1170	760	2110	540	370	560
CDM/CDMF150-50-2	1330	760	2270	540	370	570
CDM/CDMF150-50-1	1330	845	2335	580	410	690
CDM/CDMF150-50	1330	845	2335	580	410	690
CDM/CDMF150-60-2	1490	845	2515	580	410	700
CDM/CDMF150-60-1	1490	845	2515	580	410	700
CDM/CDMF150-60	1490	845	2515	580	410	700

* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

Performance Curve



CDM/CDMF200 Installation Dimension

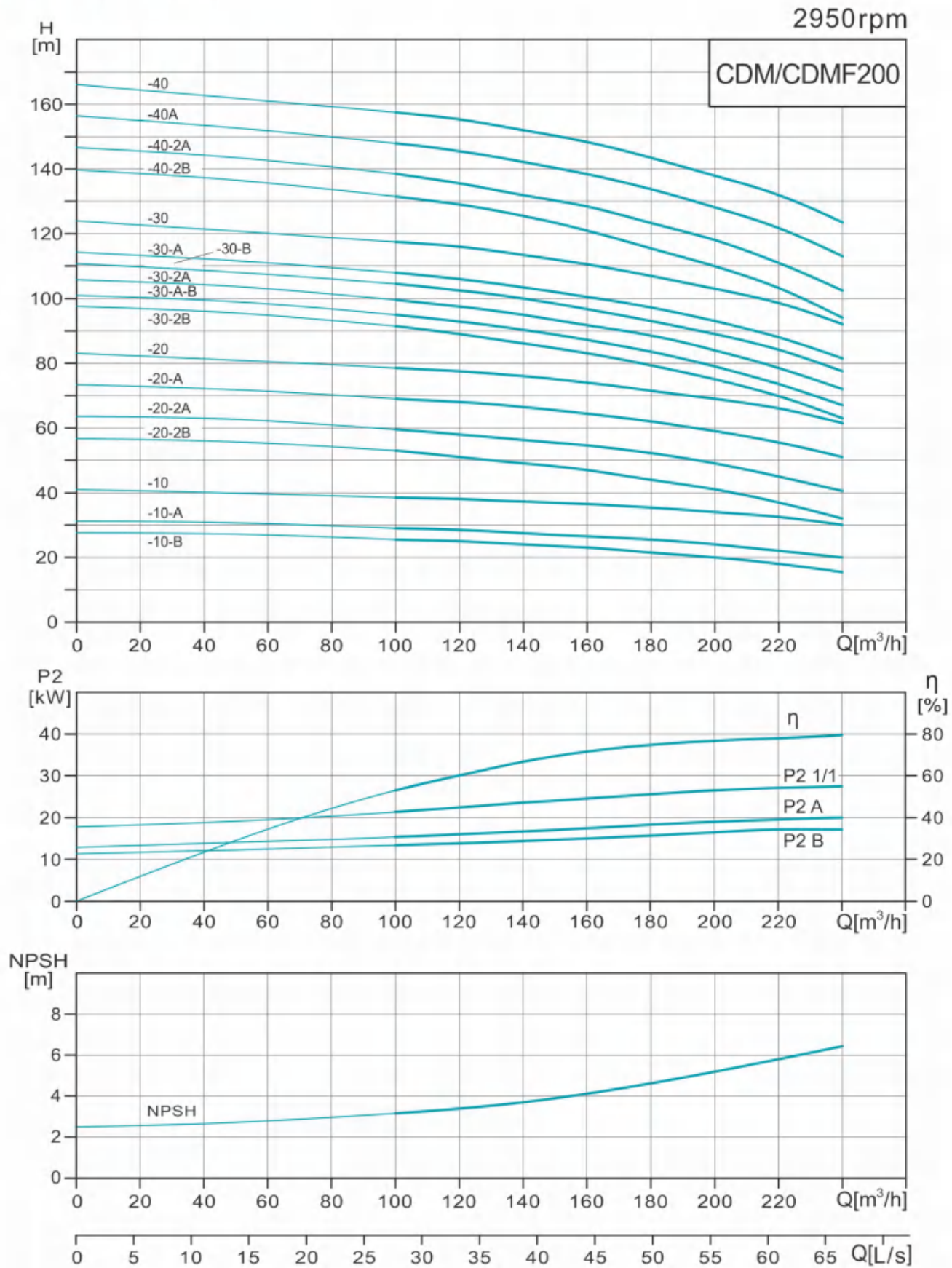


Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF200-10-B	707	550	1457	330	255	311
CDM/CDMF200-10-A	707	575	1482	360	285	347
CDM/CDMF200-10	707	650	1557	400	310	403
CDM/CDMF200-20-2B	901	650	1751	400	310	447
CDM/CDMF200-20-2A	901	685	1786	460	340	504
CDM/CDMF200-20-A	931	760	1891	540	370	595
CDM/CDMF200-20	931	760	1891	540	370	595
CDM/CDMF200-30-2B	1125	845	2170	580	410	748
CDM/CDMF200-30-A-B	1125	845	2170	580	410	748

Model	Dim(mm)					Wt (kg)
	H1	H2	H	D1	D2	
CDM/CDMF200-30-2A	1125	845	2170	580	410	748
CDM/CDMF200-30-B	1125	845	2170	580	410	748
CDM/CDMF200-30-A	1125	845	2170	580	410	748
CDM/CDMF200-30	1125	895	2220	580	410	817
CDM/CDMF200-40-2B	1319	895	2414	580	410	830
CDM/CDMF200-40-2A	1319	1140	2659	645	550	1180
CDM/CDMF200-40-A	1319	1140	2659	645	550	1180
CDM/CDMF200-40	1319	1140	2659	645	550	1180

* The overall dimensions of the single-phase motor and explosive-proof motor are a little different. Please contact us for details.

Performance Curve



Material Code

Pump material	Sealing rubber	Mechanical seal
S : AISI304	N : NBR	B : Tungsten carbide/Graphite
L : AISI316L	E : EPDM	S : Tungsten carbide/Silicon carbide
P : ASTM25B	F : FPM	W : Tungsten carbide/Tungsten carbide

Compatibility Chart For Material

Pumped liquid	Chemical formula	Liquid concentration	Liquid temperature	Pump material	Sealing rubber	Machinery seal
Sulphuric acid	H ₂ SO ₄	1.0%	20℃	L	F	S
Nitric acid	HNO ₃	1.0%	20℃	L	F	S
Phosphoric acid	H ₃ PO ₄	20.0%	20℃	L	E	W
Chromic acid	H ₂ CrO ₄	1.0%	20℃	L	F	S
Acetic acid	CH ₃ COOH	5.0%	20℃	L	E	S
Formic acid	HCOOH	5.0%	20℃	L	E	S
Oxalic acid	(COOH) ₂	1.0%	20℃	L	E	S
Citric acid	HOC(CH ₂ CO ₂ H) ₂ COOH	5.0%	40℃	L	E	W
Salicylic acid	C ₆ H ₄ (OH)COOH	0.1%	20℃	L	E	W
Benzoic acid	C ₆ H ₅ COOH	0.5%	20℃	L	F	W
Sodium hydroxide	NaOH	20.0%	50℃	L	E	W
Potassium hydroxide	KOH	20.0%	50℃	L	E	W
Potassium hydroxide	KOH	40.0%	80℃	L	E	W
Calcium hydroxide	Ca(OH) ₂	5.0%	50℃	P	F	W
Ammonia in water	NH ₄ OH	20.0%	40℃	S	E	W
Copper sulphate	CuSO ₄	10.0%	50℃	L	F	W
Sodium carbonate	Na ₂ CO ₃	10.0%	51℃	S	F	W
Sodium nitrate	NaNO ₃	10.0%	60℃	L	F	W
Sodium phosphate	Na ₃ PO ₄	10.0%	60℃	L	F	W
Sodium bicarbonate	NaHCO ₃	10.0%	60℃	L	F	W
Ammonium bicarbonate	NH ₄ HCO ₃	20.0%	40℃	L	F	W
Sodium sulphate	Na ₂ SO ₄	10.0%	60℃	L	F	W
Potassium carbonate	K ₂ CO ₃	20.0%	50℃	S	F	W
Potassium sulphate	K ₂ SO ₄	20.0%	50℃	L	F	W
Potassium nitrate	KNO ₃	20.0%	50℃	L	F	W
Potassium permanganate	KMnO ₄	5.0%	20℃	L	E	W
Calcium acetate	C ₄ H ₆ CaO ₄	30.0%	50℃	L	F	W
Ethanol (ethyl alcohol)	C ₂ H ₅ OH	80.0%	100℃	S,P	F	B
Ethylene glycol	HOCH ₂ CH ₂ OH	50.0%	50℃	S,P	F	B
Propanol	C ₃ H ₇ OH	50.0%	100℃	S,P	F	B
Propylene glycol	CH ₃ CH(OH)CH ₂ OH	50.0%	70℃	S,P	F	B
Butanediol	HOCH ₂ CH ₂ CH ₂ CH ₂ OH	50.0%	25℃	S,P	F	B
Formaldehyde	HCHO	10.0%	25℃	S	F	B
Acetaldehyde	CH ₃ CHO	20.0%	25℃	S	F	B
Petrol			80℃	S	N	B
Kerosene			80℃	S	N	B
Diesel oil			80℃	S	N	B
Pee			60℃	L	N	B
Hydrogen peroxide			45℃	S,P	E	S
Ozone water			50℃	S,P	E	S
Deionised water			100℃	S,P	N	B

Motor Parameter Table

Motor P ₂		Frame size	Standard voltage [V]	I1/I [A]	Cos φ1/1	Efficiency class	η [%]	Isn/In	Speed [min -1]
[kW]	[hp]								
0.37	0.5	71	220/380	1.7/1.0	0.81	-	70	6.1	2730
0.55	0.75	71	220/380	2.4/1.4	0.82	-	73	6.1	2760
0.75	1	80	220/380	3.0/1.7	0.82	IE3	80.7	7	2865
1.1	1.5	80	220/380	4.2/2.4	0.83	IE3	82.7	7.3	2870
1.5	2	90	220/380	5.6/3.2	0.84	IE3	84.2	7.6	2880
2.2	3	90	220/380	7.9/4.6	0.85	IE3	85.9	7.6	2880
3	4	100	220/380	10.4/6.0	0.87	IE3	87.1	7.8	2890
4	5.5	112	380	7.8	0.88	IE3	88.1	8.3	2900
4.5	6	112	380	8.8	0.88	IE3	88.1	8.3	2900
5.5	7.5	132	380	10.6	0.88	IE3	89.2	8.3	2920
7.5	10	132	380	14.4	0.88	IE3	90.1	7.9	2920
11	15	160	380	20.6	0.89	IE3	91.2	8.1	2945
15	20	160	380	27.9	0.89	IE3	91.9	8.1	2945
18.5	25	160	380	34.2	0.89	IE3	92.4	8.2	2945