



ALGO GROUP OF COMPANIES

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Algo Profile

Algo positions itself as not just a pump manufacturing company but as a dependable, technologically sound and one stop solution provider to meet the diverse needs of customers across the globe. Understanding the need of efficient and cost effective pumping solutions and fluid management systems ALGO is established by the veterans having more than 33 years of diversified experience.

To overcome the current challenges in providing energy efficient and complete pumping solutions and meet the requirement of discerning customers ALGO is determined to offer technologically integrated and inventive pumping systems & Solutions at affordable prices.

With the vast experience gained in both domestic and international markets ALGO products are designed and produced with synergy of best in class technologies and processes with international standards. Most of its products are ISI certified and manufacturing facilities are accredited with ISO 9001 & 14001 COMPANY

Algo stays abreast of the major changes worldwide in terms of technology and processes. This combines with the ability to understand customers' requirement allows for the development of products that meet the challenges of tomorrow.

Algo has comprehensive range of products to cater Residential, Agriculture, Building services, Industrial & waste water segments. Algo's highly qualified Engineers and technicians assure satisfactory service at all time

The ability & Impetus of ALGO in product development, Pricing, Promotion, e-commerce strategies will result in sustainable competitive advantages for all stake holders. We at ALGO always strive to focus on current industry trend and meet the next generation pumping requirements.



Vision



Mission



Values

To provide technologically integrated and ultramodern fluid management systems and solutions for diversified applications at affordable prices and become one of the pump majors globally

To ensure that we meet all the standards of safety, efficiency, hygiene and environment protection and contribute significantly in developing systems for energy saving.

Our Values are defined by our dedication to Quality, Principles & success of the company and its stakeholders.

ALGO Value Proposition

Affordable Price

Longer Life

Greater Performance

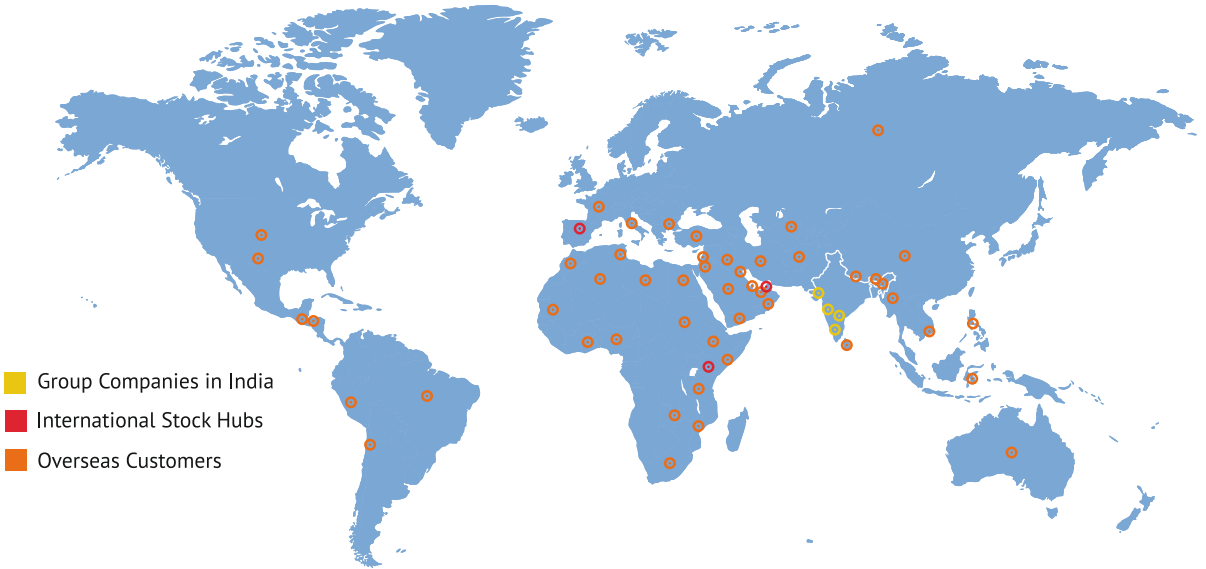
Outstanding Service

We are determined to offer reliable & Innovative products and services with high standards, dedicated to understand & meet customers' requirements on time.

We are committed to focus on introducing industry best technologies & concepts to save energy, protect environment and to give high priority for customers' satisfaction

Chairman & Managing Director
ALGO GROUP OF COMPANIES

Our Global Network



100+
Product Variants

6000+
Models

80+
Countries Export

33+
Years Experience

1400+
Distributors

800+
Service Centres

6
Group Companies in India

30+
Venture Partners
in India & abroad

3
International
Stock Hubs

3
Times Export
Award Winner



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Specification

Power	1.3 to 2HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP 55
Insulation Class	F
Head Range	8 to 137 m
Flow Range	16 to 66lpm

Materials of Construction

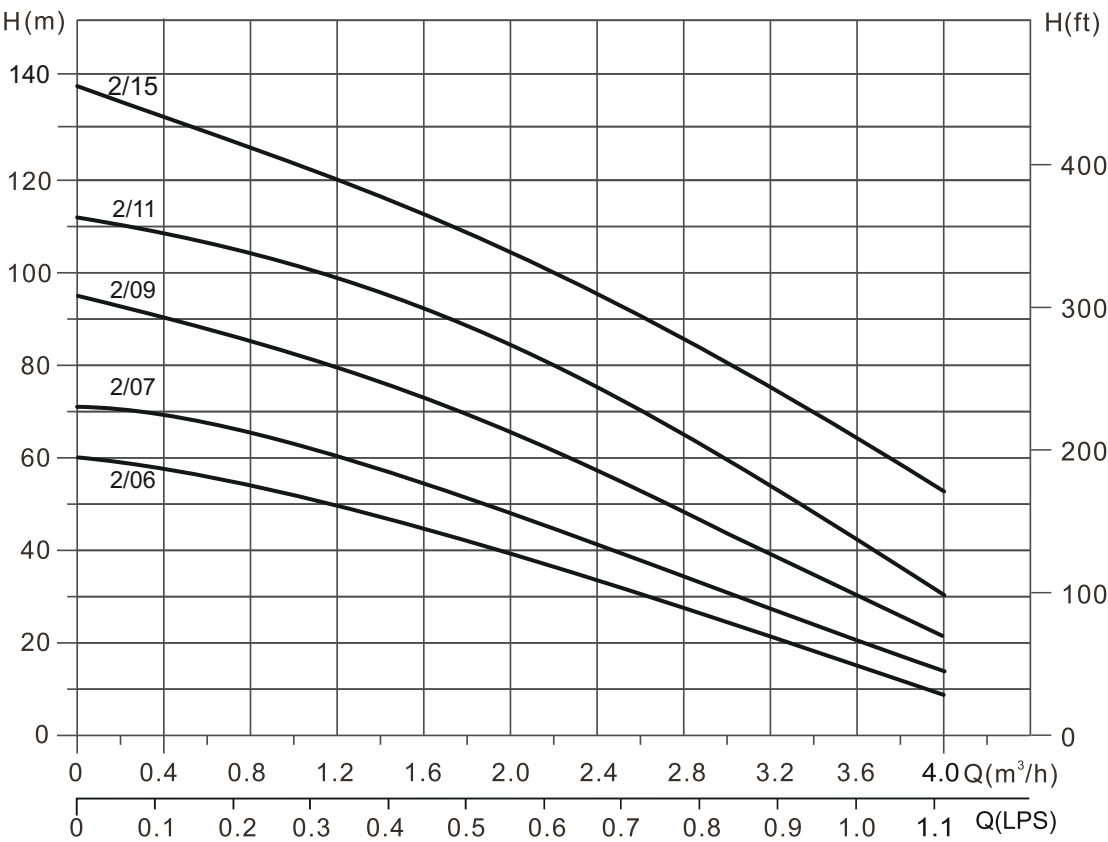
Pump Base & Bracket	Cast Iron
Impeller & Diffuser	Techno Polymer
Shaft	Stainless Steel
Mechanical Seal	Carbon Ceramic
Bearings	NSK / SKF
Outer Shell	Stainless Steel

Applications

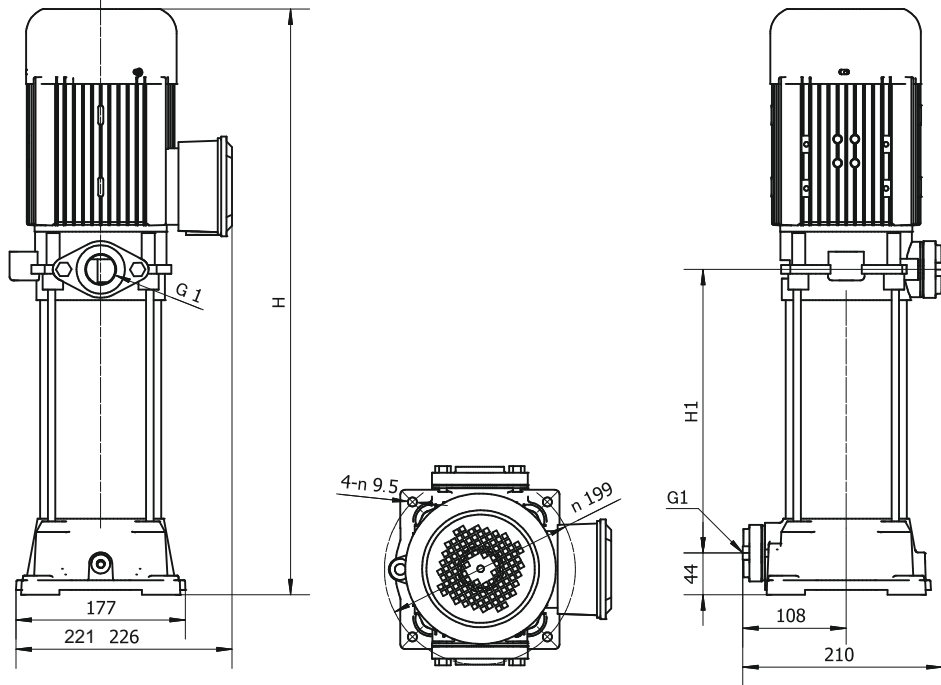
Reverse Osmosis Plants
Pressure Boosting
HVAC
Fire Fighting
Washing Systems

Operating Conditions

Max. Liquid Temp.	50°C
Max. Ambient Temp.	50°C
Max. Operating Pressure	1.0Mpa



Dimension & Weight Details



Performance Table

2900 rpm

Model	Power		Pump Size (mm)	Q m³/hr	0	1	2	3	4	Dimensions (mm)	
	kW	HP								H	H1
Zala-2/06	1	1.3	25x25	HEAD IN METERS	60	52	38	25	8	496	216
Zala-2/07	1.1	1.5	25x25		72	63	48	30	13	563	248
Zala-2/09	1.5	2	25x25		95	82	67	46	21	611	296
Zala-2/11	1.5	2	25x25		112	104	85	59	30	659	344
Zala-2/15	1.5	2	25x25		137	123	104	80	52	800	425

Suffix 'S' for single phase & 'T' for three phase in model Name

TECHNICAL DETAILS

ZALA MAX

PERFORMANCE CURVES



Specification

Power	1.3 to 3HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 415V, 50Hz
Duty	S1 (Continuous)
Protection	IP 55
Insulation Class	F
Head Range	8 to 132m
Flow Range	16 to 100 lpm

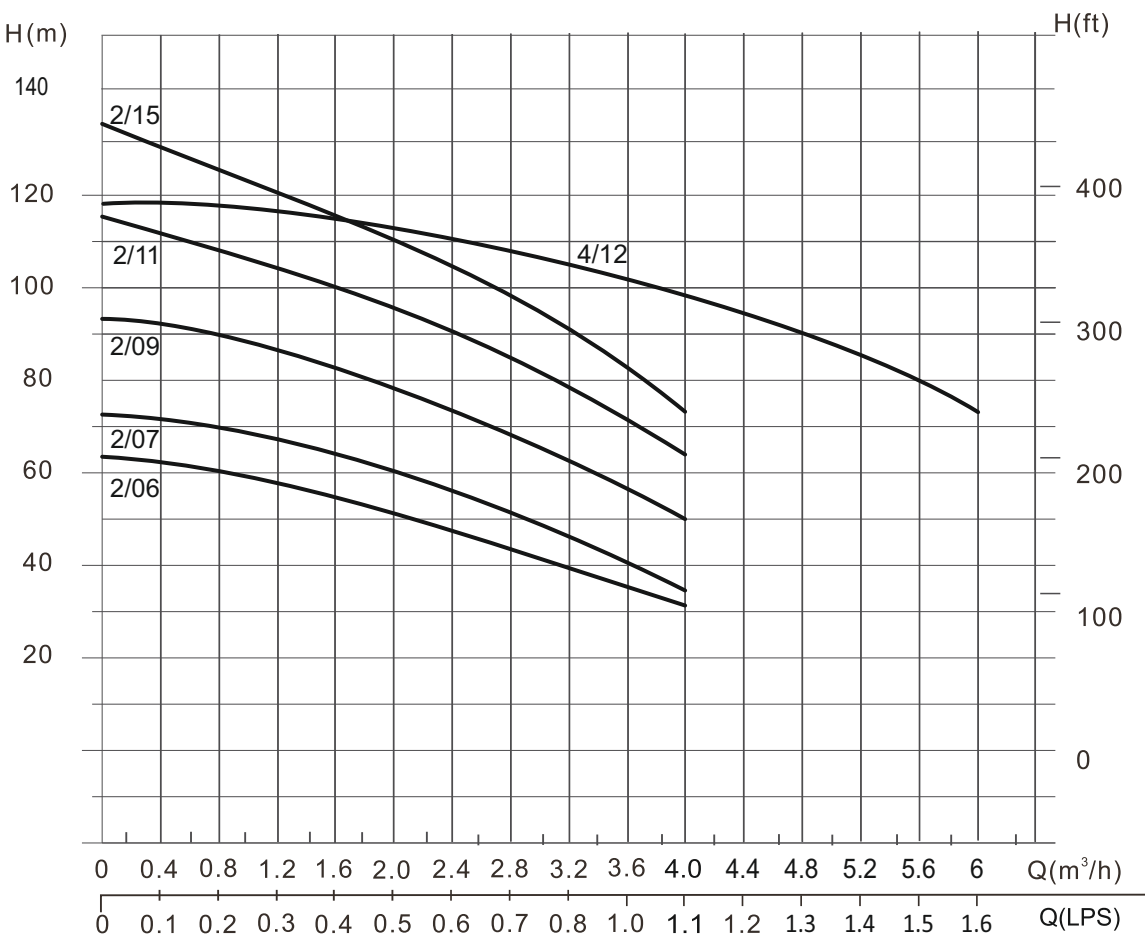
Materials of Construction

Pump Base & Bracket	Cast Iron
Impeller & Diffuser	Techno Polymer PPO
Shaft	Stainless Steel
Mechanical Seal	Carbon Ceramic
Bearings	NSK
Outer Shell	Stainless Steel

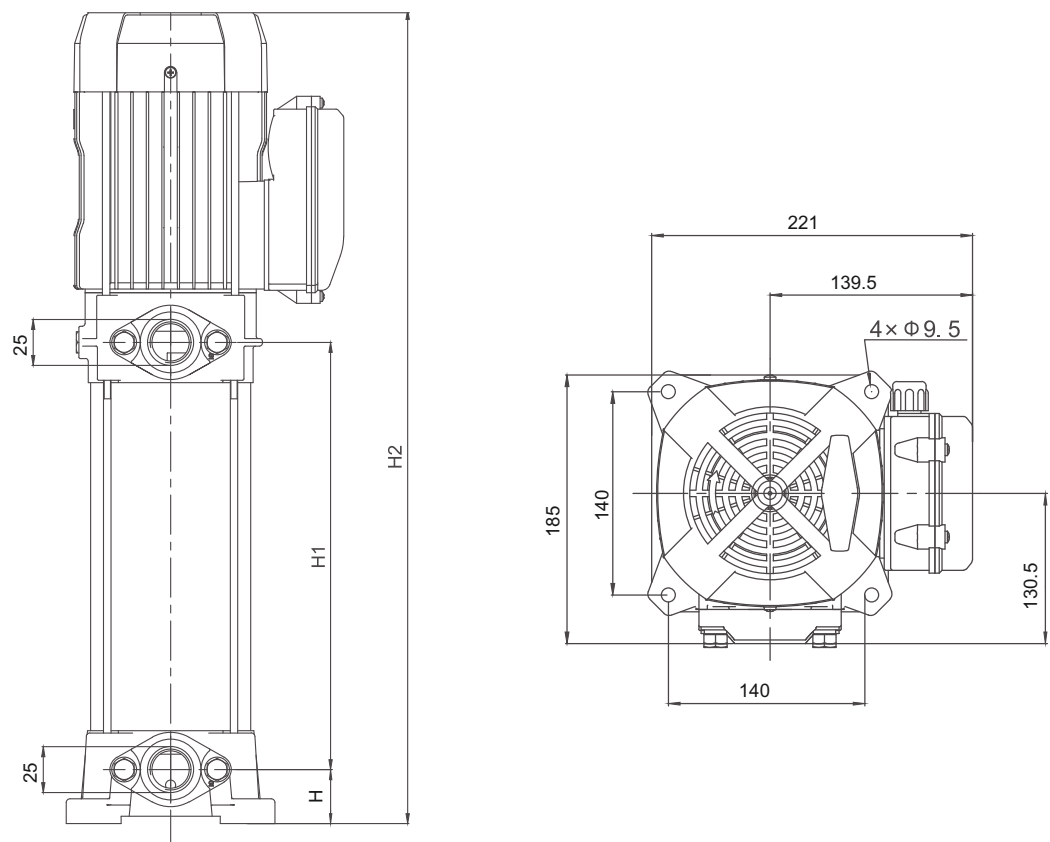
Applications

Reverse Osmosis Plants	Max. Liquid Temp.	80°C
Pressure Boosting	Max. Ambient Temp.	50°C
HVAC	Max. Operating Pressure	1.0Mpa
Fire Fighting		
Washing Systems		

Operating Conditions



Dimension & Weight Details



Performance Table

2900 rpm

Model	kW	HP	Pump Size (mm)	m³/h	0	1	2	3	4
ZalaMax-2/06	1.1	1.5	25x25	Head in Meters	63	58	51	43	32
ZalaMax-2/07	1.1	1.5	25x25		73	66	59	50	35
ZalaMax-2/09	1.5	2	25x25		93	87	79	68	50
ZalaMax-2/11	1.85	2.5	25x25		116	107	97	84	65
ZalaMax-2/15	2.2	3	25x25		132	122	109	95	74

Model	kW	HP	Pump Size (mm)	m³/h	0	2	4	5	6
ZalaMax-4/12	2.2	3	25x25	Head in Meters	117	111	99	90	72

Dimension Details

Model	H (mm)	H1 (mm)	H2 (mm)
ZalaMax-2/06	43.5	224.5	560.5
ZalaMax-2/07	43.5	248.5	584.5
ZalaMax-2/09	43.5	392.5	704.5
ZalaMax-2/11	43.5	128.5	401
ZalaMax-2/15	43.5	152.5	425
ZalaMax-4/12	43.5	320.5	631

Suffix 'S' for single phase & 'T' for three phase in model Name



Specification

Power	1.5 to 5.5 HP
Speed	2900 rpm
Version	1Ph 230V,50Hz 3Ph380-415V,50Hz
Duty	S1 (Continuous)
Protection	IP 55
Insulation Class	F
Head Range	42 to 216 m
Flow Range	16 to 100 lpm

Materials of Construction

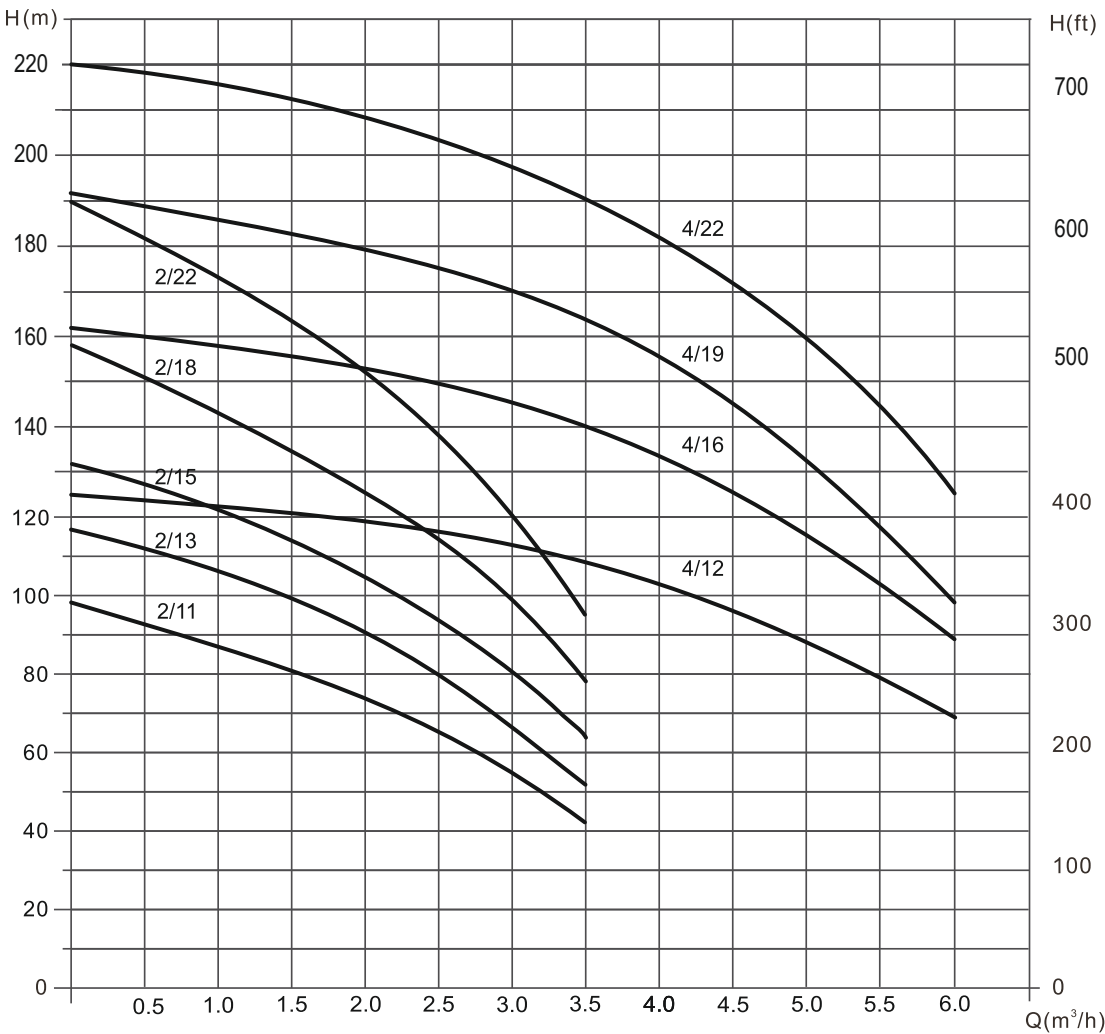
Pump Base & Bracket	Cast Iron
Impeller & Diffuser	Stainless Steel
Shaft	Stainless Steel
Mechanical Seal	SIC/C/SS304
Bearings	NSK
Outer Shell	Stainless Steel

Applications

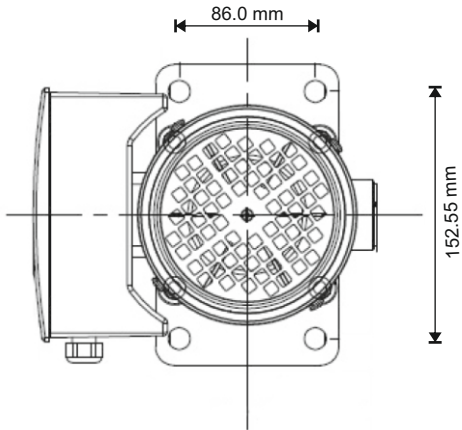
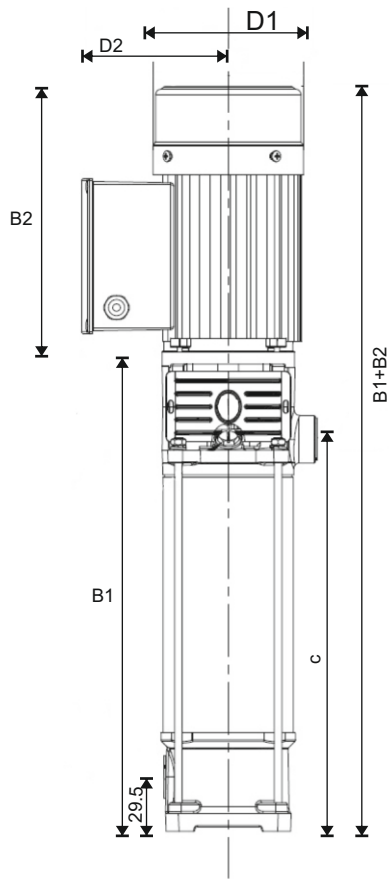
Reverse Osmosis Plants
Pressure Boosting
HVAC
Fire Fighting
Washing Systems

Operating Conditions

Max. Liquid Temp.	110°C
Max. Ambient Temp.	50°C
Max. Operating Pressure	1.0Mpa



Dimension & Weight Details



Performance Table

2900 rpm

Model	Power P ₂		Pump Size (mm)	Q (m³/hr)	1	1.2	1.6	2	2.4	2.8	3.2	3.5	Dimensions (mm)					
	kW	HP			1	1.2	1.6	2	2.4	2.8	3.2	3.5	B1	B2	B1+B2	D1	D2	C
HyRO-2/11	1.1	1.5	25x25	HEAD IN METERS	87	85	80	74	67	59	50	42	425	271.5	696.5	162	145	329
HyRO-2/13	1.5	2	25x25		106	104	99	90	81	71	60	51	462	276.6	738.6	182	153	366
HyRO-2/15	1.5	2	25x25		121	119	112	105	96	85	72	61	498	276.6	774.6	182	153	402
HyRO-2/18	2.2	3	25x25		143	139	133	125	116	105	91	78	562	276.6	838.6	182	153	466
HyRO-2/22	2.2	3	25x25		173	169	162	152	140	126	110	95	624	276.6	900.6	182	153	528
Model	Power P ₂		Pump Size (mm)	Q (m³/h)	1	2	3	4	4.5	5	5.5	6	Dimensions (mm)					
	kW	HP			1	2	3	4	4.5	5	5.5	6	B1	B2	B1+B2	D1	D2	C
HyRO-4/12	2.2	3	25x25	HEAD IN METERS	122	119	113	103	96	83	78	63	444.5	304.8	749.3	182	153	342.5
HyRO-4/16	3	4	25x25		158	153	145	134	126	116	103	89	548.5	275	823.5	177	116	446.5
HyRO-4/19	4	5.5	25x25		136	130	170	155	145	133	117	98	626.5	305	931.5	197	148	524.5
HyRO-4/22	4	5.5	25x25		216	203	197	182	172	159	143	126	704.5	305	1009.5	197	148	602.5

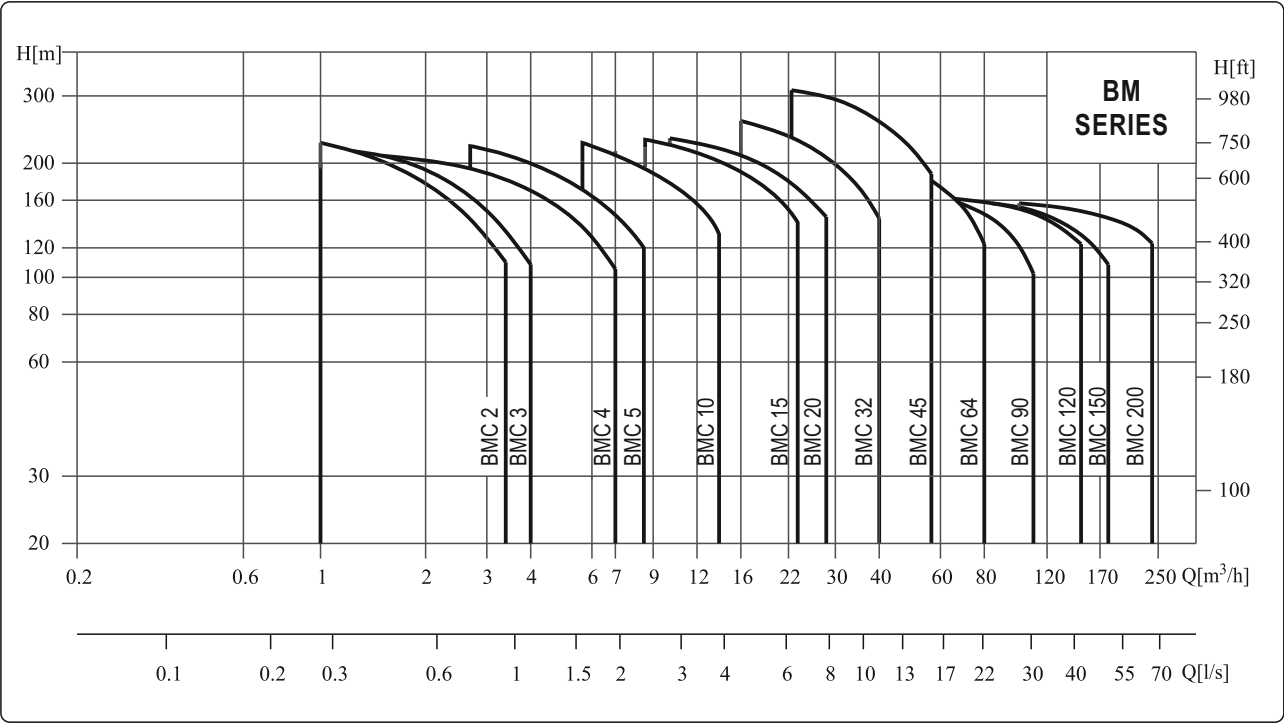
Suffix 'S' for single phase & 'T' for three phase in model Name
For 4 HP - 1 Ph B2 is 293mm

VERTICAL MULTISTAGE CENTRIFUGAL PUMPS - BM SERIES

Power Range	0.37 -110 kW
Version	1Ph - 230V, 50Hz AC
	3Ph - 380-415V, 50Hz AC
Speed	2900 RPM
Protection	IP 55
Insulation Class	F Class
Duty	S1 (continuous)
Direction of Rotation	Clockwise viewed from driving end
Sealing	Mechanical Seal
Flange type	Round flange, PJE Coupling, Oval flange
Flange Standard	DIN Standard
Max. Liquid Temperature	-15 to +120°C
Max. Ambient Temperature	40°C
Max. Operating Pressure	30 Bar
Flow Range	upto 250m³/h
Head Range	upto 300m

Group Curves

Pump performance range



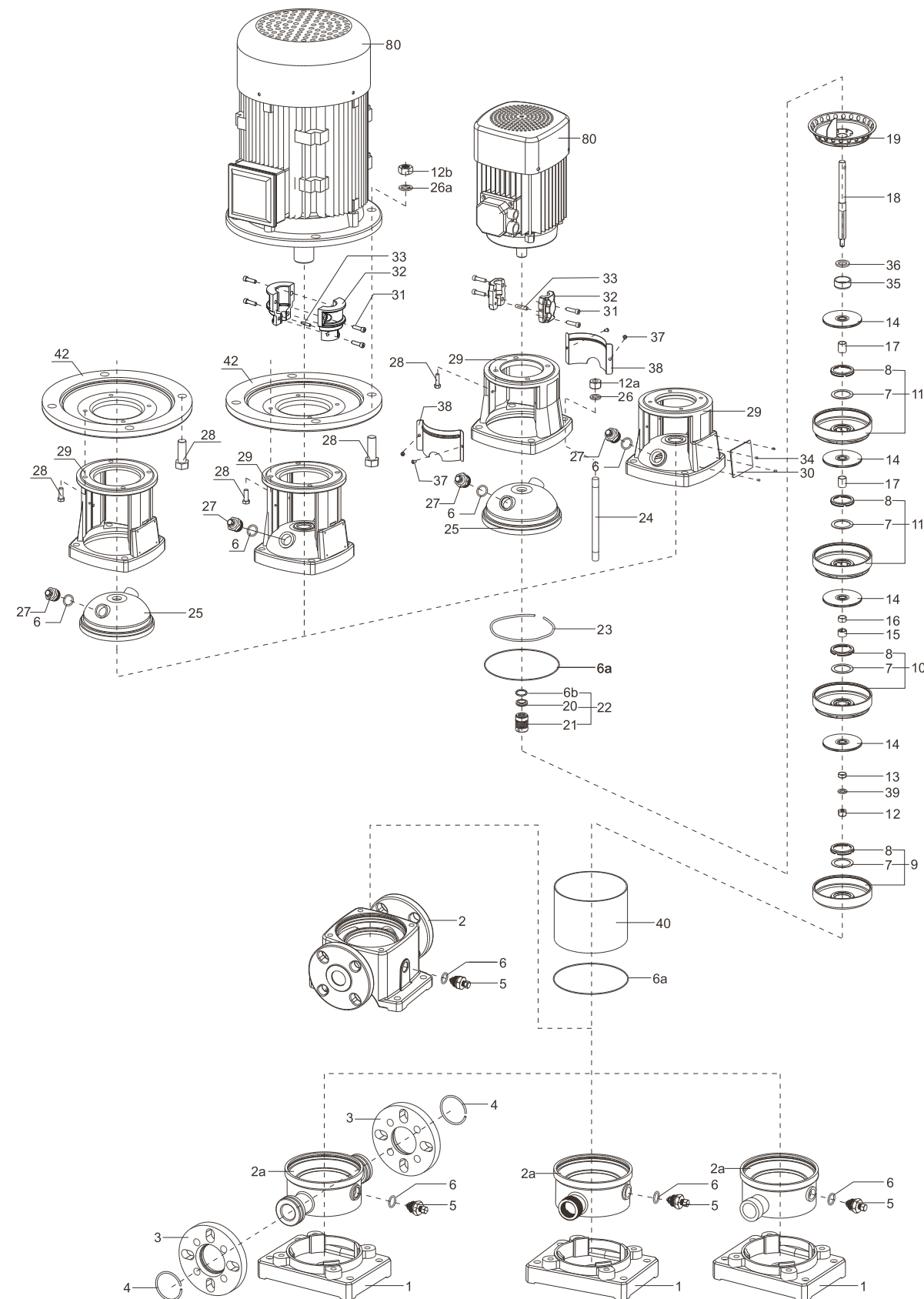
Vertical Multistage Pumps

XXX - (S)(X)X / XX (X) X XXX	
BM - Vertical Multistage Pump	
Materials of Construction C= CI Pump head & Suc. Del. Port S= Complete SS304 Const. N= Complete SS316 Const.	Applicable only for high Eff. Motors 2 = IE2 Motor 3 = IE3 Motor
Applicable only for 60Hz	Voltage (Except for 1Ph 230V & 3Ph 380V) D = 220V, K = 415V, N = 525V
Rated Flow in m³/h 1 - 1m³/h, 32 - 32m³/h	Method of Starting S: 1Ph - CSCR T: 3Ph - D.O.L D: 3Ph - S.D.
Number of Stages	Applicable only if with Port Connection P= PJE Coupling, O = Oval Flange
Applicable when Trimmed Impeller used R1 = 1 Trimmed Impeller, R2 = 2 Trimmed Impeller	

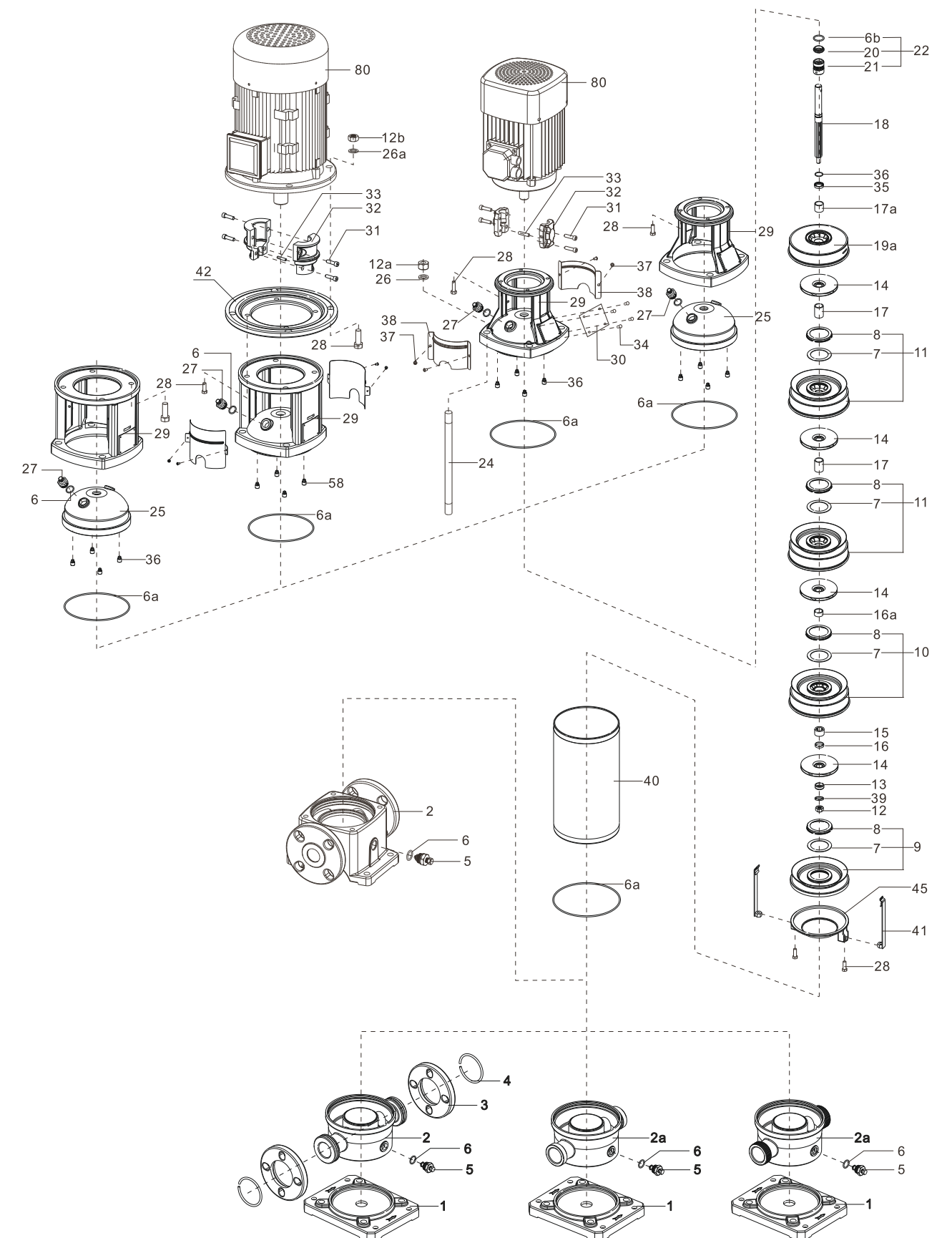
MATERIALS OF CONSTRUCTION

Part Name	BMC	BMS	BMN
Pump Housing	Cast Iron	SS 304	SS 316
Pump Shell	SS 304	SS 304	SS 316
Impeller	SS 304	SS 304	SS 316
Diffuser Casing	SS 304	SS 304	SS 316
Pump Shaft	SS 304 / 431	SS 304 / 431	SS 316/329
Mechanical Seal	SiC / SiC	SiC / SiC	SiC / SiC
Coupling	M.S / C.I.	M.S / C.I.	M.S / C.I.
Wearing Ring	Teflon	Teflon	Teflon
Bush	SiC / SiC	SiC / SiC	SiC / SiC
Split Cone	SS 304	SS 304	SS 316
Split Cone Nut	SS 304	SS 304	SS 316
Flange	Cast Iron	SS 304	SS 316
Neck Ring	SS 304	SS 304	SS 316
"O" Ring	EPDM	EPDM	EPDM
Base Plate	NA	Cast Iron	Cast Iron

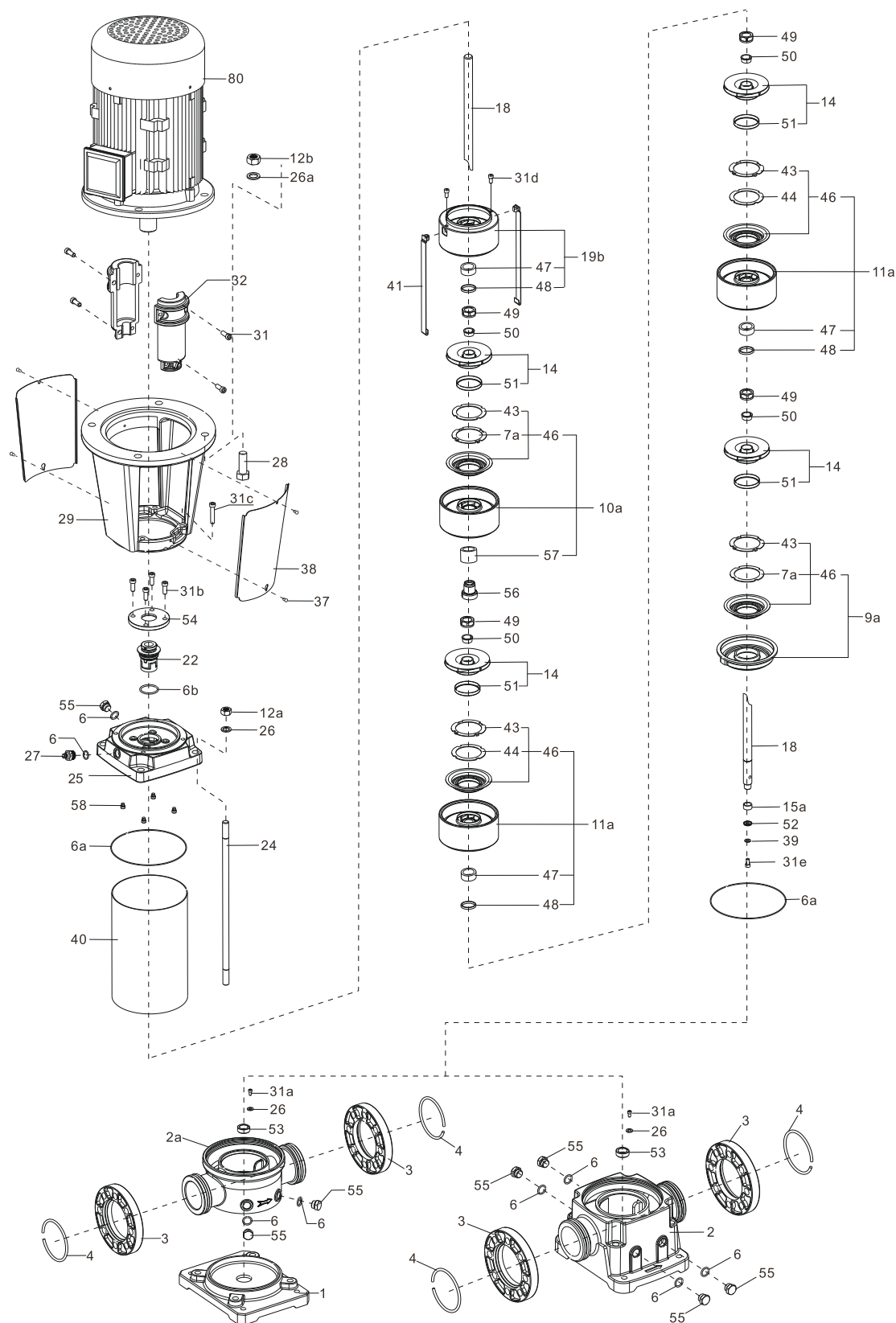
Exploded View: 2 m³/h, 3m³/h, 4m³/h, 5m³/h



Exploded View: 10m³/h, 15m³/h, 20 m³/h



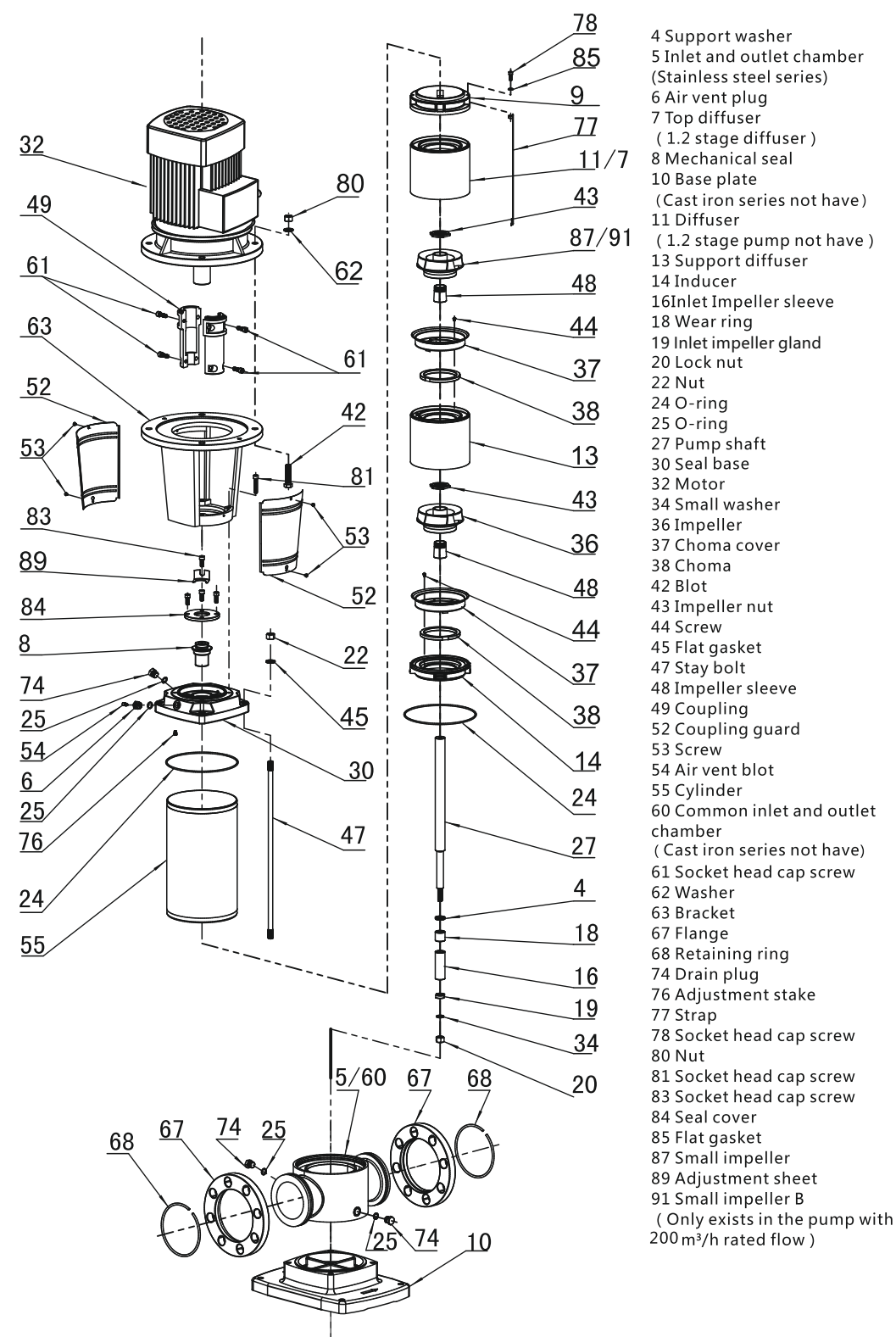
Exploded View: 32m³/h, 45m³/h, 65m³/h & 90m³/h



No.	Description	Material	No.	Description	Material
1	Base	Cast iron	27	Vent plug	SS304
2	Pump housing	Cast iron	28	Bolt	Zinc
2a	Pump housing	SS304 /SS316	28a	Bolt	Zinc
3	Flange	Cast iron	29	Motor frame	Cast Iron
4	Circlip	SS201	30	Nameplate	Aluminum
5	Drainplug	SS304	31	Screw	Zinc
6	O-ring	NBR	31a	Screw	Zinc
6a	O-ring	NBR	31b	Screw	Zinc
6b	O-ring	NBR	31c	Screw	Zinc
7	Seal	PTFE	31d	Screw	Zinc
7a	Seal	PTFE	31«	Screw	Zinc
8	Seal	SS304	32	Shaft coupling	Ductile Iron
9	Inlet section	SS304	33	Screw	Zinc
9a	Inlet section	SS304	34	Nail	M62
10	Support diffuser	SS304	35	Clip sleeve	SS304
10a	Support diffuser	SS304	36	Clip ring	SS304
11	Diffuser	SS304	37	Screw	SS304
11a	Diffuser	SS304	38	Coupling guard	SS304
12	Nut	Zinc	39	Spring pad	SS304
12a	Nut	Zinc	40	Outer sleeve	SS304
12b	Nut	Zinc	41	Link group	SS304
13	Impeller sleeve	SS304	42	Motor flange	Cast iron
14	Impeller	SS304	43	Gasket	NBR
15	Bearing sleeve	Tungsten carbide	44	Oval flange	Cast iron
15a	Bearing sleeve	Tungsten carbide	45	Fix cover	SS304
16	Short sleeve I	SS304	46	Neck ring	SS304
16a	Short sleeve II	SS304	47	Liner	PTFE
17	1cm sleeve	SS304	48	Support ring	SS304
17a	1cm sleeve	SS304	49	Nut	SS304
18	Shift	SS431	50	Split Cone	SS304
19	Outlet section	SS304	51	Wear ring for impeller	SS304
19a	Outlet section	SS304	52	Press sleeve	SS304
19b	Outlet section	SS304	53	Slide bearing	Tungsten Carbide
20	Stationary seal ring	Carbon	54	Gland cover	Cast steel
21	Guide Bush	Tungsten carbide	55	Drain Plug	SS304
22	Mechanical seal	Carbon/tungsten carbide/viton	56	Bearing sleeve	Tungsten carbide + SS304
23	Snap ring	SS304	57	Slide bearing	Tungsten carbide
24	Bolt	Zinc	80	Motor	
25	Pump cover	SS304			
26	Washer	SS304			

Exploded View: 120m³/h,150m³/h,200m³/h

BM Series



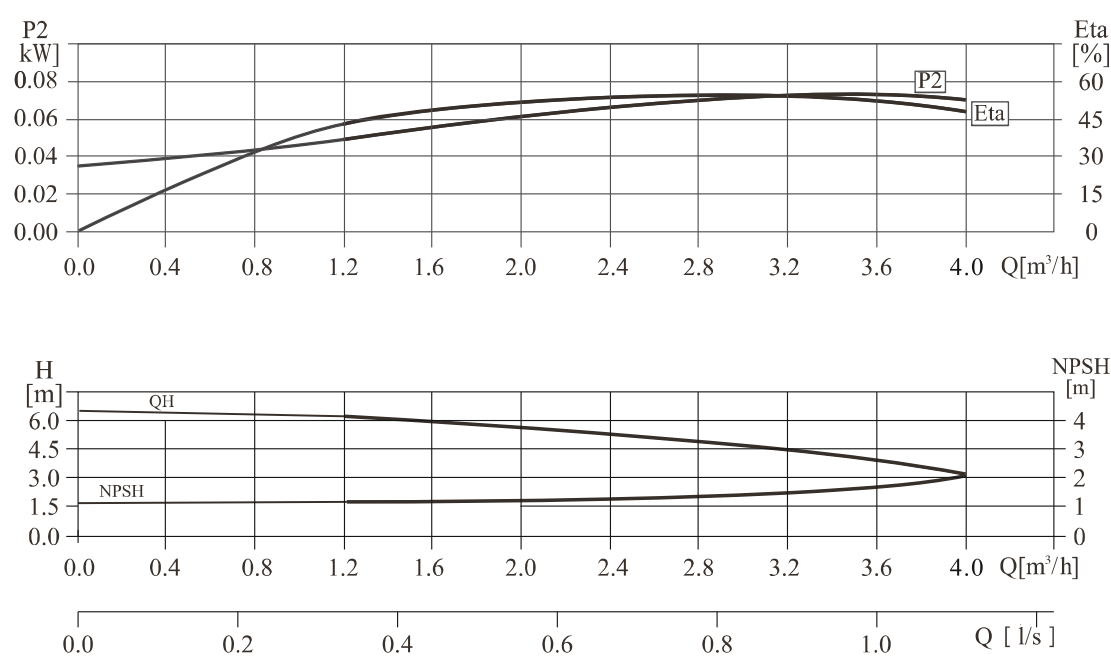
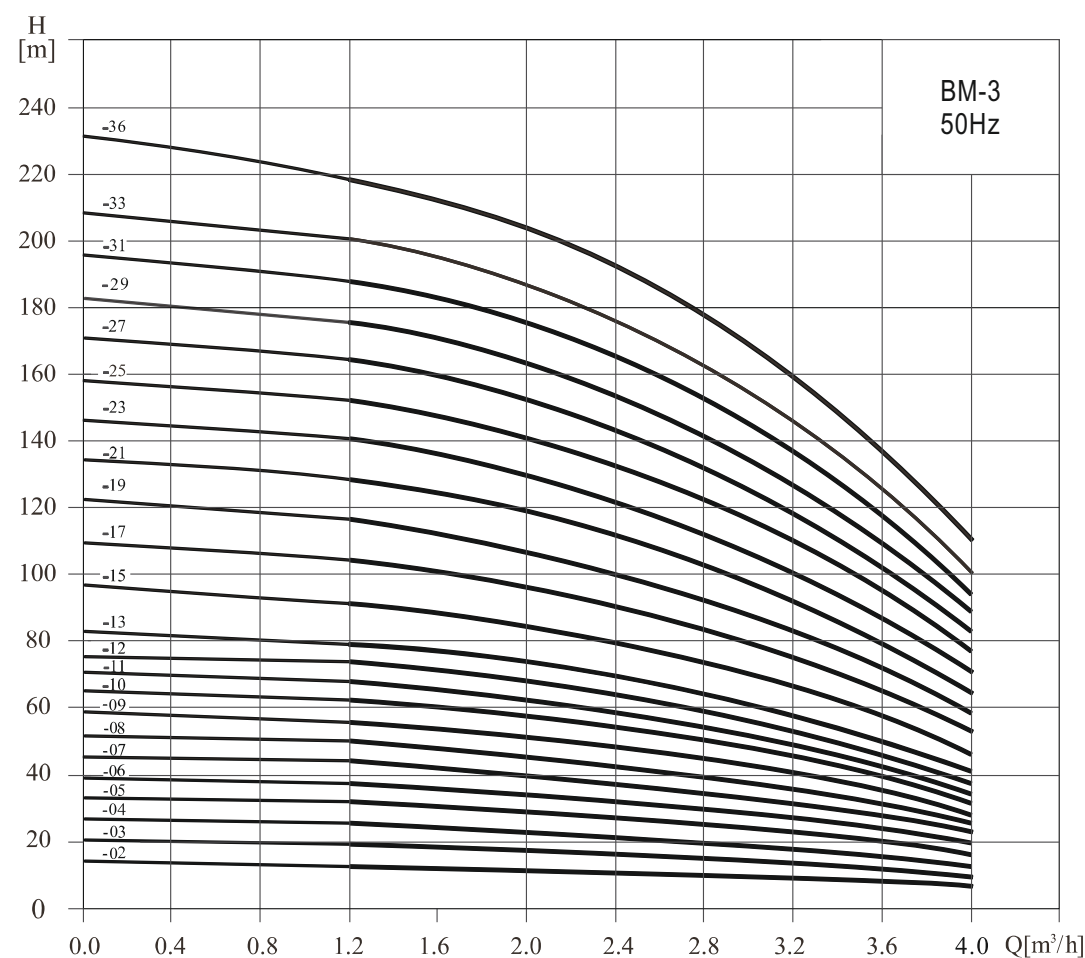
Parameter	BMC 2	BMC 3	BMC 4	BMC 5	BMC 10	BMC 15	BMC 20
Rated flow rate [m ³ /h]	2	3	4	5	10	15	20
Rated flow rate [l/s]	0.56	0.83	1.1	1.39	2.78	4.17	5.6
Flow rate [m ³ /h]	1~3.5	1.2~4	1.5~7	2.5~8.5	5~13	8~23	10~28
Flow rate [l/s]	0.28~0.97	0.33~1.1	0.42~1.9	0.69~2.36	1.39~3.61	2.22~6.39	2.8~7.8
Maximum pressure [bar]	23	22	21	24	23	23	23
Power [kW]	0.37~3	0.37~3	0.37~4	0.37~5.5	0.75~7.5	1.1~15	1.1~18.5
Temperature range [°C]	-15~105						
Highest efficiency [%]	46	50	58	63	70	73	69
Pipe Connection							
DIN flange	DN 32/25	DN 32/25	DN32	DN32	DN40	DN50	DN50
Thread	R ₁ 1 1/4"	R ₁ 1 1/4"	R ₁ 1 1/4"	R ₁ 1 1/4"	R ₁ 2"	R ₁ 2"	R ₁ 2"
Clamp connection	DN32	DN32	DN32	DN32	DN50	DN50	DN50

Parameter	BMC 32	BMC 45	BMC 64	BMC 90	BMC 120	BMC150	BMC 200
Rated flow rate [m ³ /h]	32	45	64	90	120	150	200
Rated flow rate [l/s]	8.9	12.5	17.8	25	33.3	41.7	55.6
Flow rate [m ³ /h]	16~40	25~55	30~80	50~110	60~150	80~180	100~240
Flow rate [l/s]	4.4~11	6.9~15.3	8~22	14~30	17~42	22~50	28~67
Maximum pressure [bar]	26	30	22	17	16	16	16
Power [kW]	1.5~30	3~45	4~45	5.5~45	11~75	11~75	18.5~110
Temperature range [°C]	-15~105						
Highest efficiency [%]	74	75	76	77	74	73	79
BMC Pipe Connection							
DIN flange	DN65	DN80	DN100	DN100	DN125	DN125	DN150

PERFORMANCE CURVES

BM-3

PERFORMANCE & DIMENSIONAL DETAILS

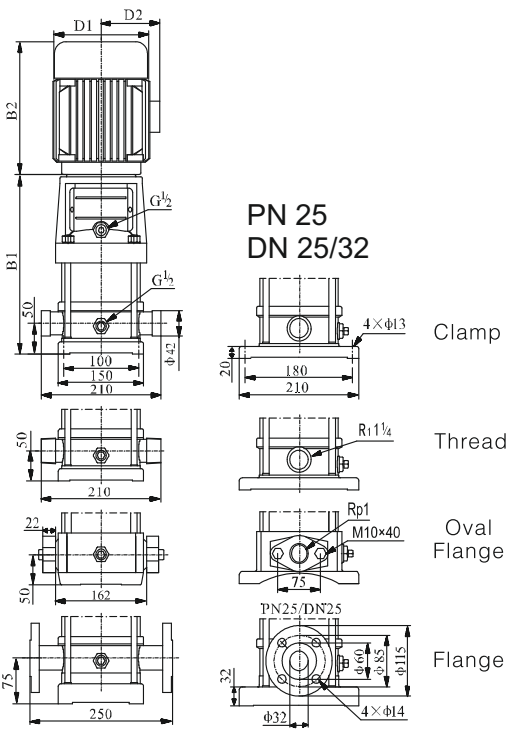


Performance Table

2900 rpm

Model	Power		Q (m³/h)	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0
	kW	HP										
BMC-3/02	0.37	0.5	H (m)	12.5	11.5	11	10.5	10	9	8	7	6
BMC-3/03	0.37	0.5		19	18.5	17.5	16.5	15	14	13	11	9
BMC-3/04	0.37	0.5		25	24	23	21.5	20	19	18	15	12
BMC-3/05	0.37	0.5		31	30	29	27	25	23	22	19	16
BMC-3/06	0.55	0.75		36	35	34	32	30	28	27	23	19
BMC-3/07	0.55	0.75		43	41	39	37	34	32	31	27	22
BMC-3/08	0.75	1		49	47	45	432	39	37	32	31	25
BMC-3/09	0.75	1		55	53	51	48	45	42	40	35	28
BMC-3/10	0.75	1		61	59	57	54	.50	47	45	39	31
BMC-3/11	1.1	1.5		67	64	61	58	54	51	49	42	34
BMC-3/12	1.1	1.5		73	70	67	63	58	55	52	45	37
BMC-3/13	1.1	1.5		78	76	73	69	64	60	57	49	40
BMC-3/15	1.1	1.5		90	88	84	79	73	69	66	57	46
BMC-3/17	1.5	2		103	100	96	90	83	79	75	64	52
BMC-3/19	1.5	2		115	112	107	100	92	88	83	72	58
BMC-3/21	2.2	3		128	124	119	112	102	98	91	79	64
BMC-3/23	2.2	3		140	135	130	122	112	107	100	86	70
BMC-3/25	2.2	3		151	147	141	131	122	116	109	94	76
BMC-3/27	2.2	3		164	159	152	143	132	124	117	101	82
BMC-3/29	2.2	3		175	170	163	153	142	133	126	109	88
BMC-3/31	3.0	4		187	182	175	165	153	142	135	116	94
BMC-3/33	3.0	4		199	194	187	176	163	151	145	125	100
BMC-3/36	3.0	4		218	212	204	192	178	168	159	137	109

Dimensions & Weight Details



Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-3/02	258	239	497	148	117	20
BMC-3/03	276	239	515	148	177	20
BMC-3/04	294	239	533	148	177	21
BMC-3/05	312	239	551	148	177	21
BMC-3/06	330	239	569	148	177	23
BMC-3/07	348	239	587	148	177	24
BMC-3/08	376	280	656	170	142	27
BMC-3/09	394	280	674	170	142	28
BMC-3/10	412	280	692	170	142	28
BMC-3/11	430	280	710	170	142	29
BMC-3/12	448	280	728	170	142	30
BMC-3/13	466	280	746	170	142	31
BMC-3/15	502	280	782	170	142	32
BMC-3/17	548	333	881	190	155	38
BMC-3/19	584	333	917	190	155	39
BMC-3/21	620	333	953	190	155	42
BMC-3/23	656	333	989	190	155	43
BMC-3/25	692	333	1025	190	155	44
BMC-3/27	728	333	1061	190	155	45
BMC-3/29	764	333	1097	190	155	46
BMC-3/31	810	348	1058	197	165	54
BMC-3/33	846	348	1194	197	165	55
BMC-3/36	900	348	1248	197	165	57

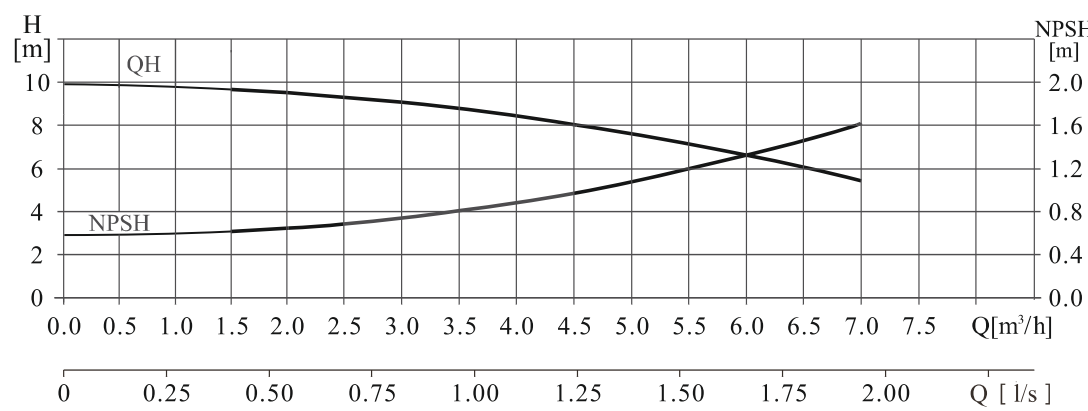
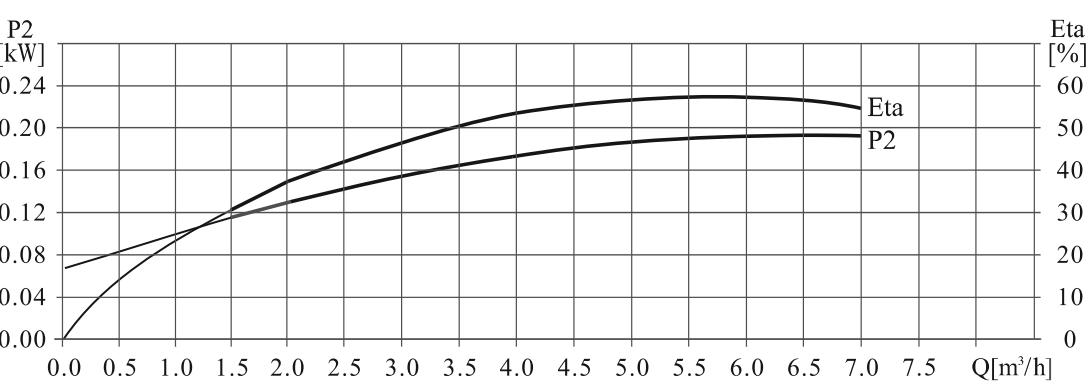
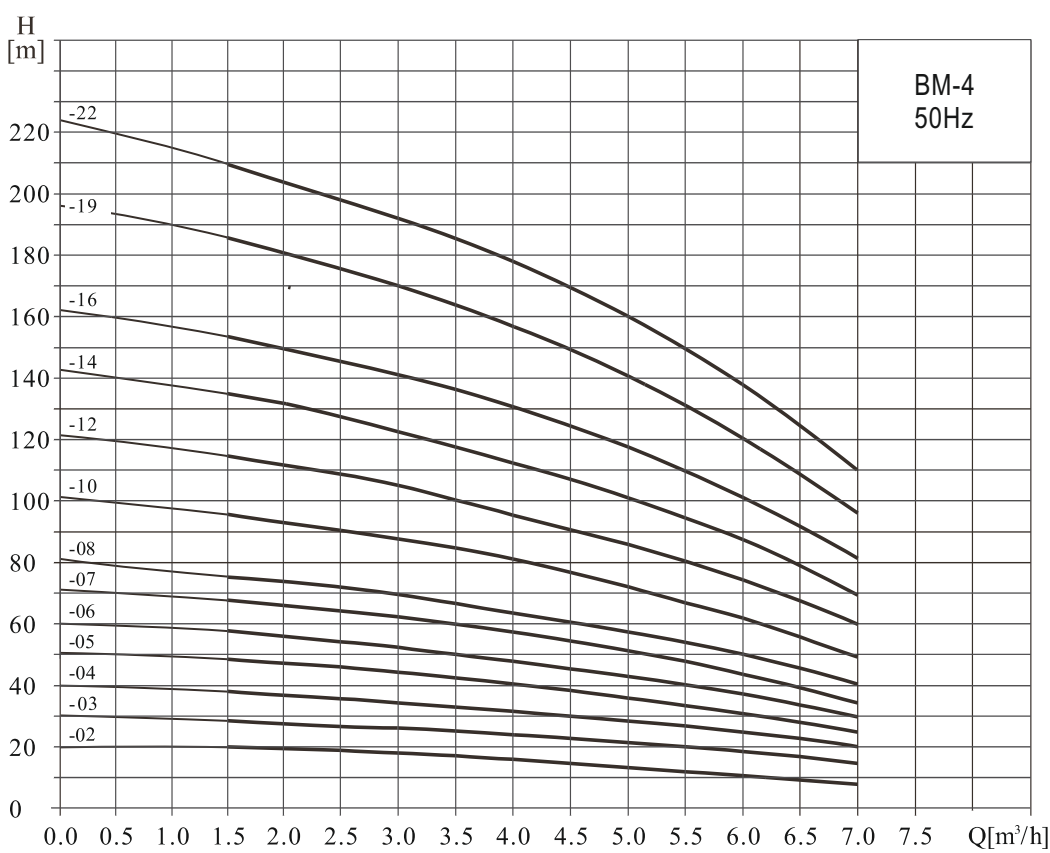
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-4

PERFORMANCE & DIMENSIONAL DETAILS

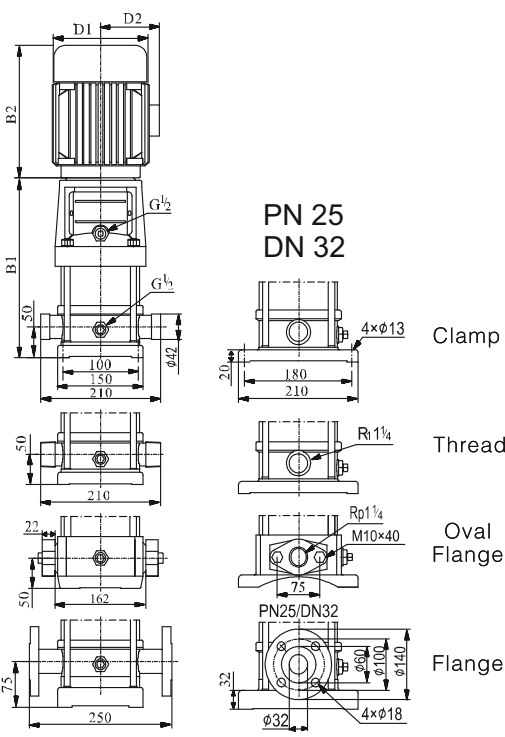


Performance Table

2900 rpm

Model	Power		Q (m³/h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0
	kW	HP								
BMC-4/02	0.37	0.5	H (m)	19	18	17	15	13	10	8
BMC-4/03	0.55	0.75		28	27	26	24	20	18	13
BMC-4/04	0.75	1		38	36	34	32	27	24	19
BMC-4/05	1.1	1.5		47	45	43	40	34	31	23
BMC-4/06	1.1	1.5		56	54	52	48	41	37	28
BMC-4/07	1.5	2		66	63	61	56	48	43	33
BMC-4/08	1.5	2		76	72	70	64	55	50	38
BMC-4/10	2.2	3		96	90	87	81	71	62	48
BMC-4/12	2.2	3		144	108	104	95	85	75	58
BMC-4/14	3.0	4		136	126	122	112	101	89	68
BMC-4/16	3.0	4		152	144	140	129	115	101	78
BMC-4/19	4.0	5.5		183	171	168	153	137	122	93
BMC-4/22	4.0	5.5		211	200	192	178	160	138	108

Dimension & Weight Details



Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-4/02	276	239	515	148	117	21
BMC-4/03	303	239	542	148	117	22
BMC-4/04	340	280	620	170	142	25
BMC-4/05	367	280	647	170	142	27
BMC-4/06	394	280	674	170	142	27
BMC-4/07	413	333	764	190	155	33
BMC-4/08	458	333	791	190	155	33
BMC-4/10	512	333	845	190	155	37
BMC-4/12	566	333	899	190	155	38
BMC-4/14	630	348	978	197	165	46
BMC-4/16	684	348	1032	197	165	48
BMC-4/19	765	382	1147	230	188	57
BMC-4/22	846	382	1228	230	188	59

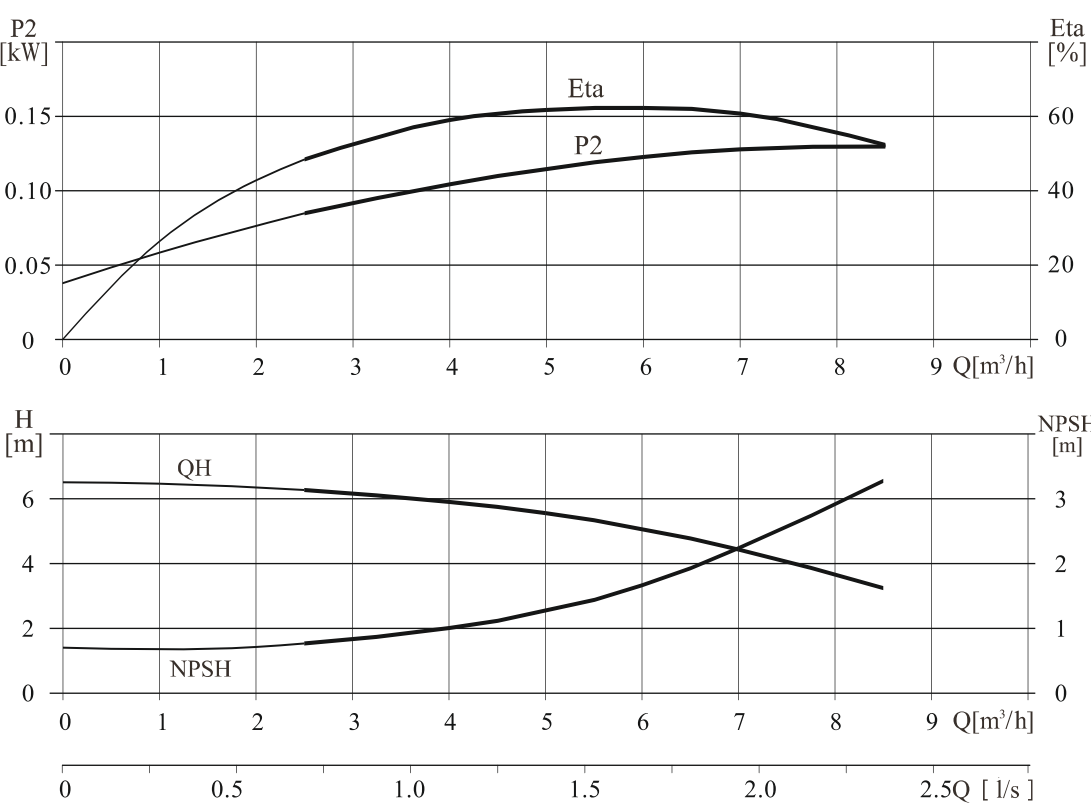
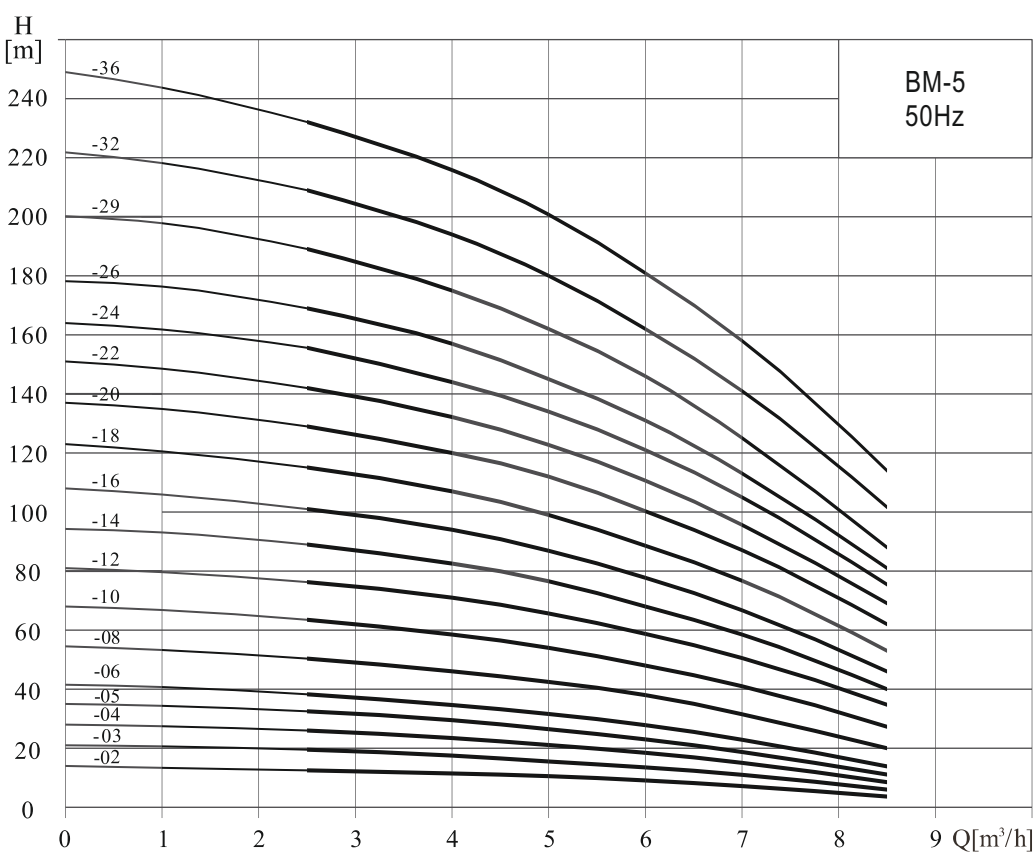
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-5

PERFORMANCE & DIMENSIONAL DETAILS

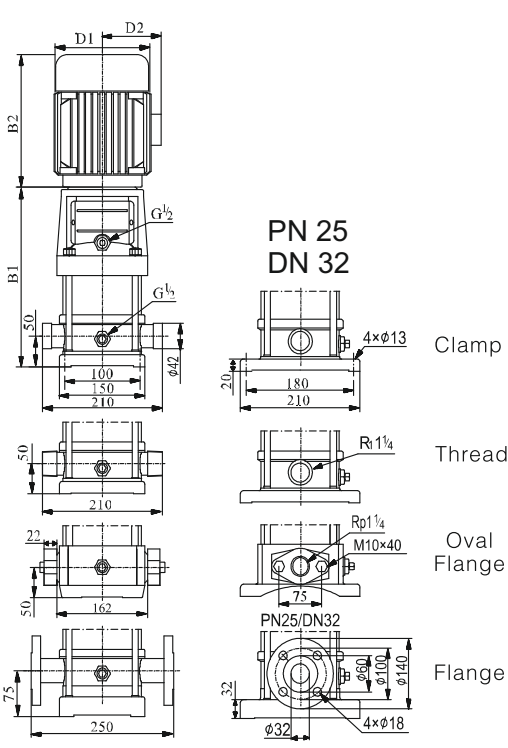


Performance Table

2900 rpm

Model	Power		Q (m³/h)	2.5	4	5	6	7	8.5
	kW	HP							
BMC-5/02	0.37	0.5	H (m)	12.5	11.5	10.5	9	7	3.5
BMC-5/03	0.55	0.75		19.5	17.5	15.5	13.5	11	6
BMC-5/04	0.55	0.75		26	23.5	21	18.5	15	8.5
BMC-5/05	0.75	1		32.5	29.5	26.5	23	18.5	11
BMC-5/06	1.1	1.5		38.5	34.5	31.5	28	23	14
BMC-5/08	1.1	1.5		50.5	46	42.5	38	31.5	20
BMC-5/10	1.5	2		63.5	58.5	54	48	41	27.5
BMC-5/12	2.2	3		76	71	65.5	58.5	50.5	35
BMC-5/14	2.2	3		89	82	76.5	68	58.5	40
BMC-5/16	2.2	3		101	94	87	77.5	66.5	46
BMC-5/18	3.0	4		115	107	99	88.5	77	53
BMC-5/20	3.0	4		129	120	112	100	87	62
BMC-5/22	4.0	5.5		142	132	123	111	96	69
BMC-5/24	4.0	5.5		156	144	132	121	105	75.5
BMC-5/26	4.0	5.5		169	157	145	131	113	81
BMC-5/29	4.0	5.5		189	175	162	146	125	88
BMC-5/32	5.5	7.5		209	194	180	162	141	102
BMC-5/36	5.5	7.5		232	216	201	181	158	114

Dimension & Weight Details



Model	Dimensions(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-5/02	276	239	515	148	117	21
BMC-5/03	303	239	541	148	177	22
BMC-5/04	330	239	569	148	117	23
BMC-5/05	367	280	647	170	142	25
BMC-5/06	394	280	674	170	142	26
BMC-5/08	448	280	628	170	142	27
BMC-5/10	512	333	845	190	155	33
BMC-5/12	566	333	899	190	155	37
BMC-5/14	620	333	953	190	155	38
BMC-5/16	674	333	1007	190	155	39
BMC-5/18	738	348	1086	197	165	48
BMC-5/20	792	348	1140	197	165	49
BMC-5/22	846	382	1228	230	185	57
BMC-5/24	900	382	1282	230	185	58
BMC-5/26	954	382	1336	230	185	59
BMC-5/29	1035	382	1417	230	185	60
BMC-5/32	1136	435	1571	260	210	75
BMC-5/36	1244	435	1679	260	210	76

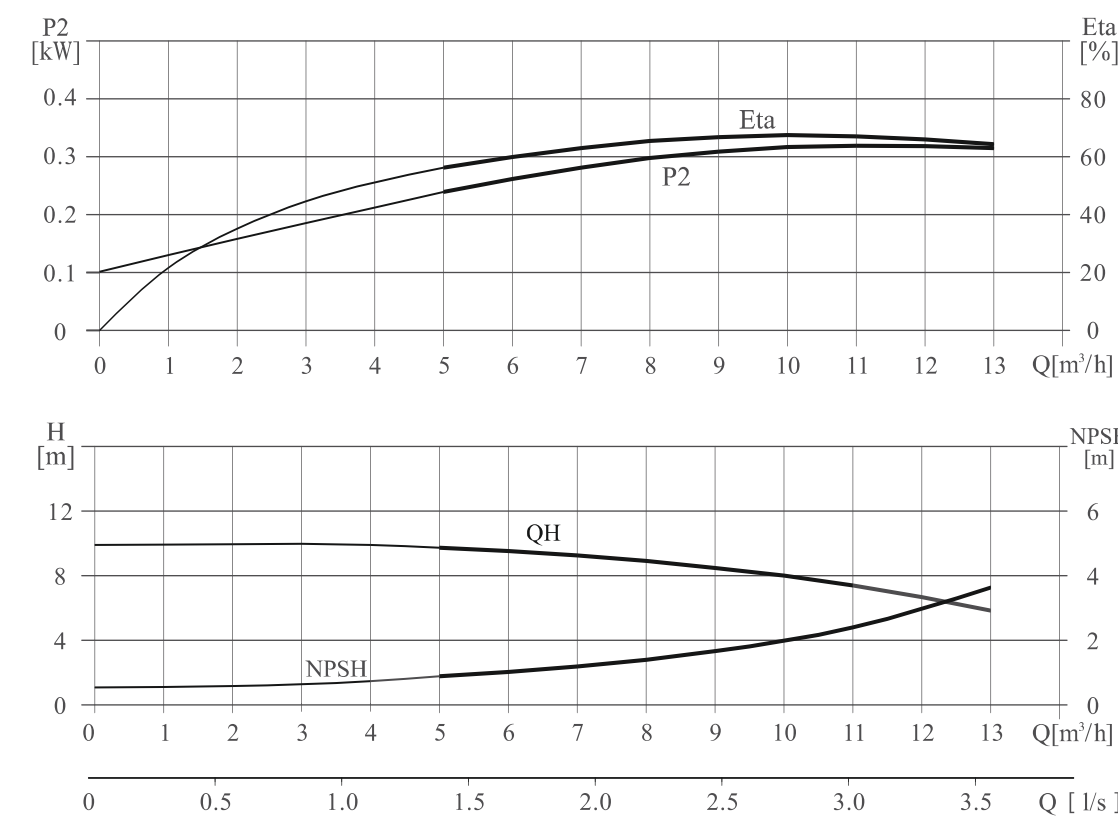
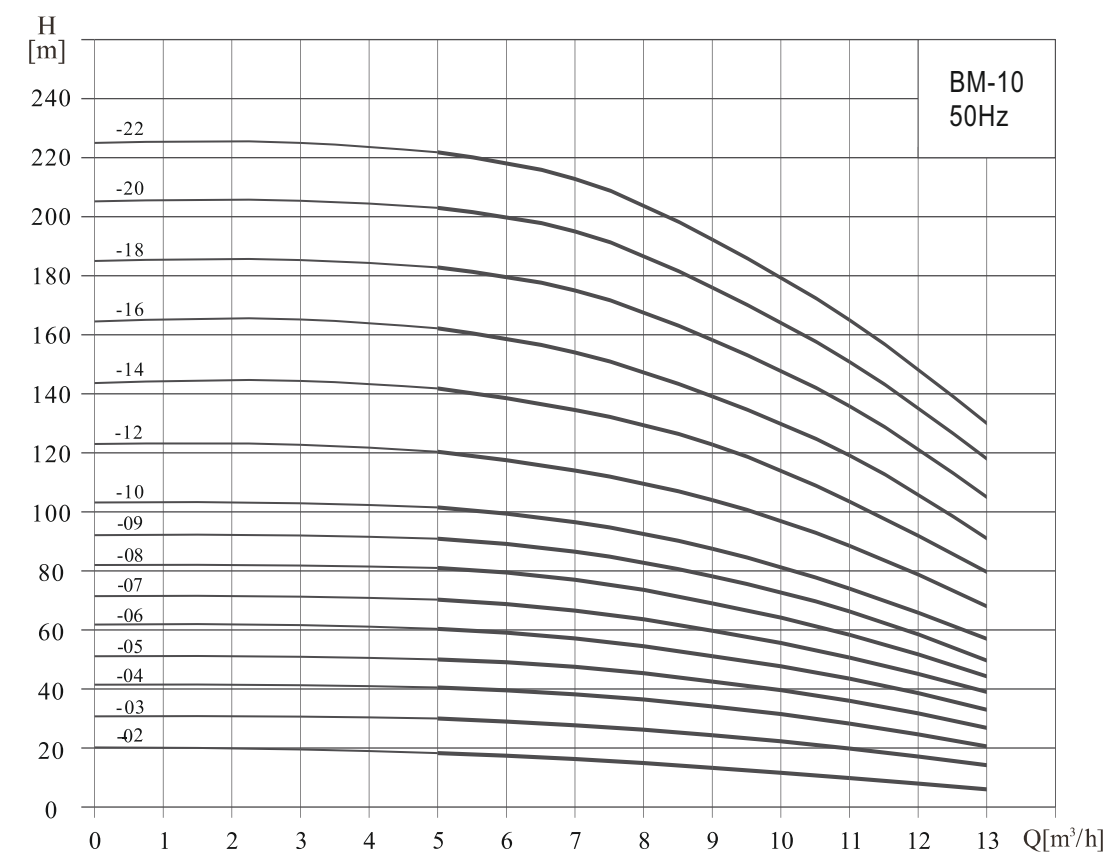
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-10

PERFORMANCE & DIMENSIONAL DETAILS



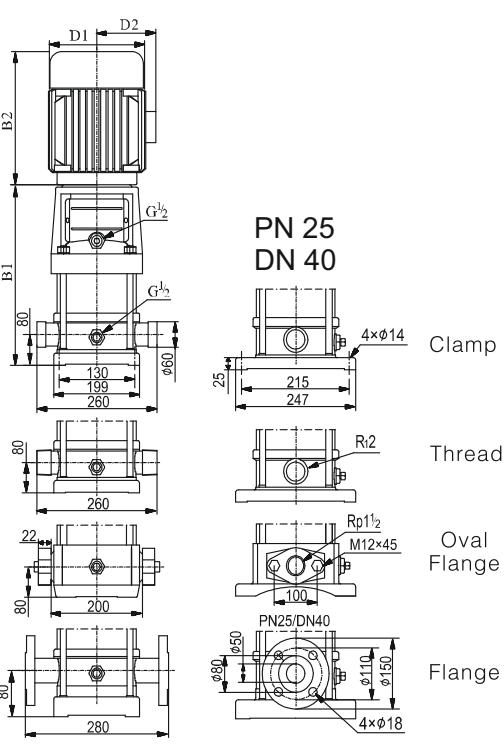
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

2900 rpm

Model	Power		Q (m³/h)	5	6	7	8	9	10	11	12	13
	kW	HP										
BMC-10/02	0.75	1	H (m)	18.5	17	16	14	13	12	10	8.5	7
BMC-10/03	1.1	1.5		30	28.5	27.5	25.5	24.5	22	20	18	14.5
BMC-10/04	1.5	2		40.5	39.5	38.5	36.5	34	31.5	28.5	25.5	21
BMC-10/05	2.2	3		50	49	47.5	45.5	42.5	39.5	36	32	27
BMC-10/06	2.2	3		60	59	57	55	51	47.5	43.5	39	33.5
BMC-10/07	3.0	4		70.5	69	66.5	64	59.5	55.5	50.5	45.5	39
BMC-10/08	3.0	4		81	79	77	74.5	69	64	58.5	53	44.5
BMC-10/09	3.0	4		91	89	86.5	82.5	78	72	66.5	59.5	50
BMC-10/10	4.0	5.5		101.5	99	96.5	92.5	87.5	81.5	74	67	57
BMC-10/12	4.0	5.5		120.5	119	114	110	104	97	88.5	80	68
BMC-10/14	5.5	7.5		142	139	134.5	131	123	114	103.5	93.5	80
BMC-10/16	5.5	7.5		162	159	154	148.5	139	130	119	107	91
BMC-10/18	7.5	10		183	180	175	67	158	148	136	121	105
BMC-10/20	7.5	10		203	200	195	186	176	165	151	134	118
BMC-10/22	7.5	10		222	219	213	203	192	179	165	149	130

Dimension & Weight Details



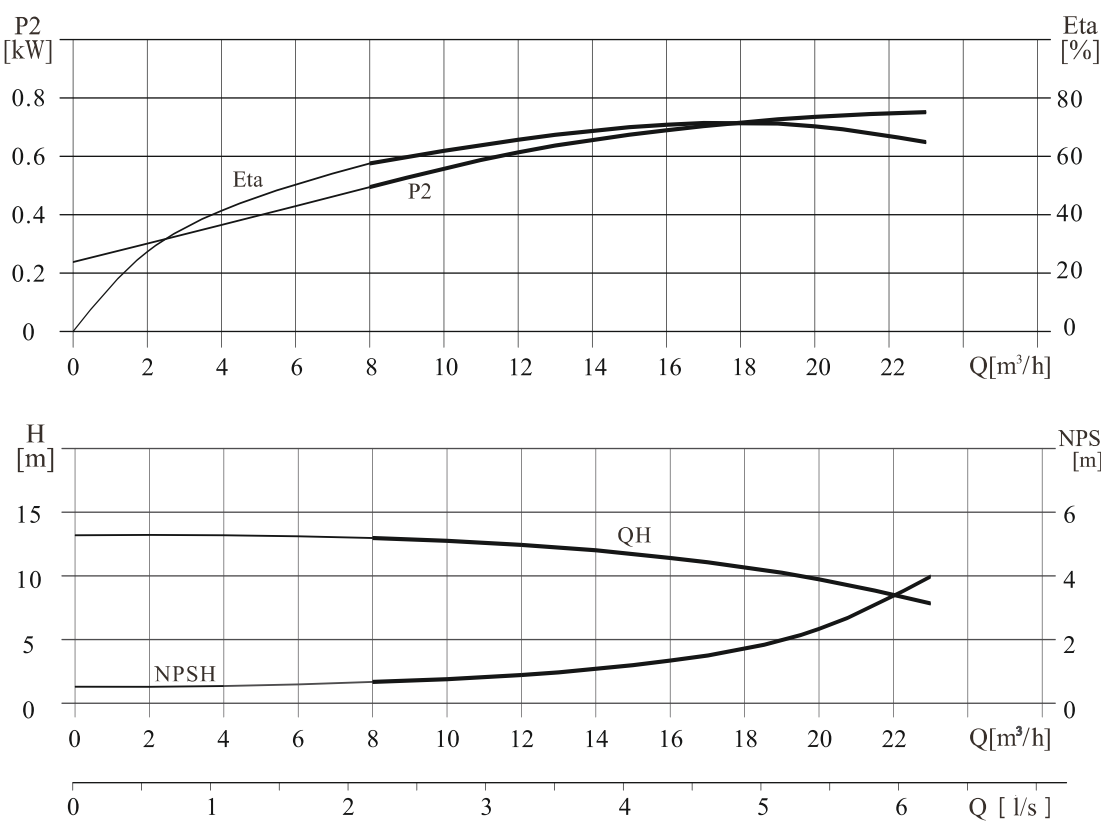
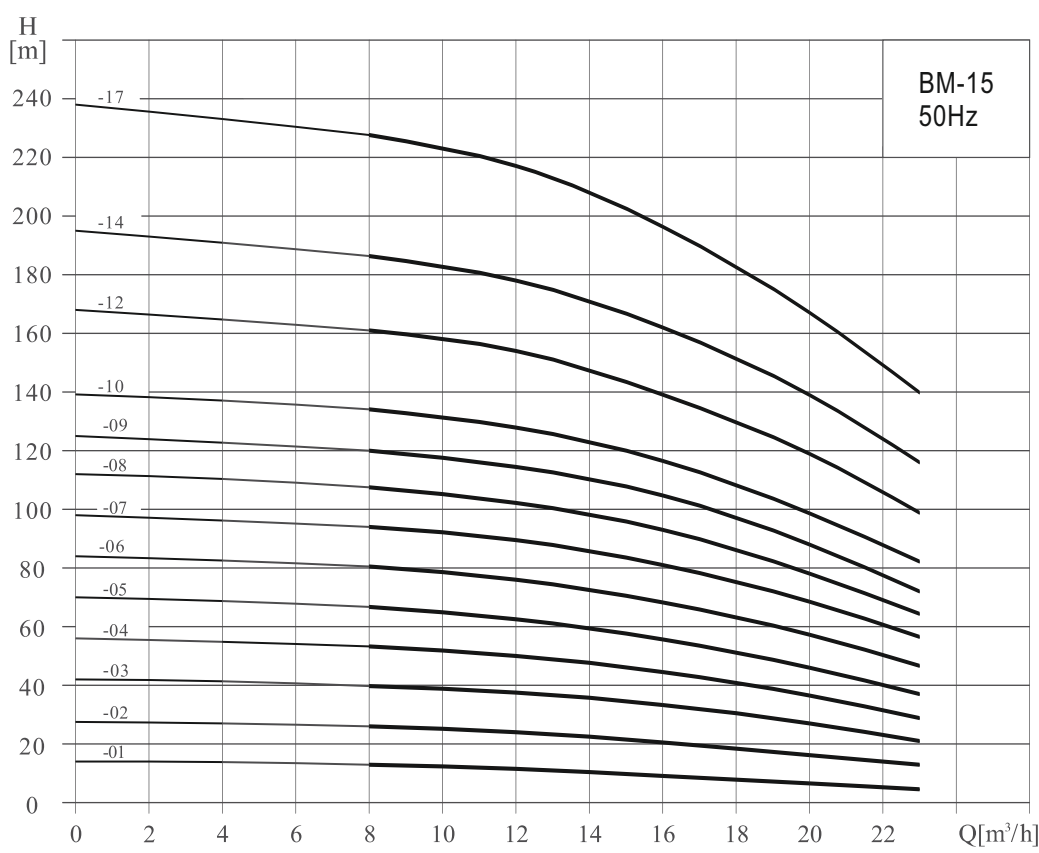
Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-10/02	347	280	627	170	142	32
BMC-10/03	377	280	657	170	142	34
BMC-10/04	417	333	750	190	155	40
BMC-10/05	447	333	780	190	155	44
BMC-10/06	477	333	780	190	155	45
BMC-10/07	517	348	810	197	165	52
BMC-10/08	547	348	865	197	165	53
BMC-10/09	577	348	895	197	165	54
BMC-10/10	607	382	989	230	185	64
BMC-10/12	667	382	1049	230	185	66
BMC-10/14	747	435	1182	260	210	81
BMC-10/16	807	435	1242	260	210	82
BMC-10/18	867	435	13.2	260	210	93
BMC-10/20	927	435	1362	260	210	94
BMC-10/22	987	435	1422	260	210	95

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-15

PERFORMANCE & DIMENSIONAL DETAILS



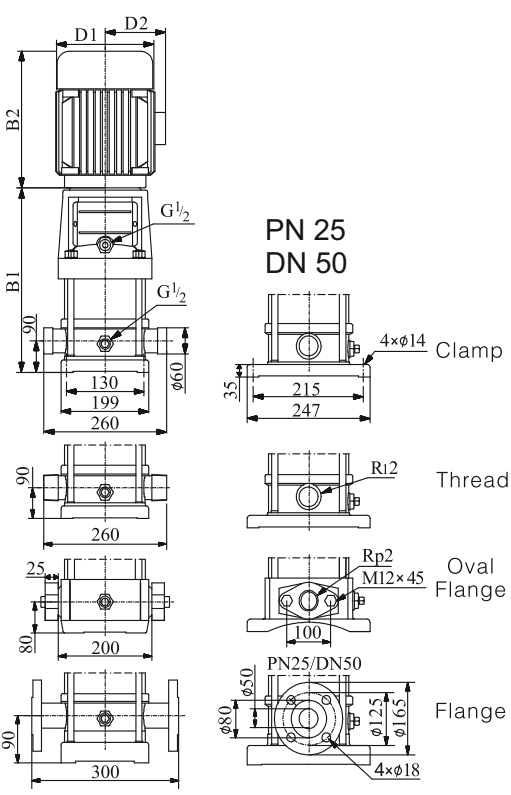
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

2900 rpm

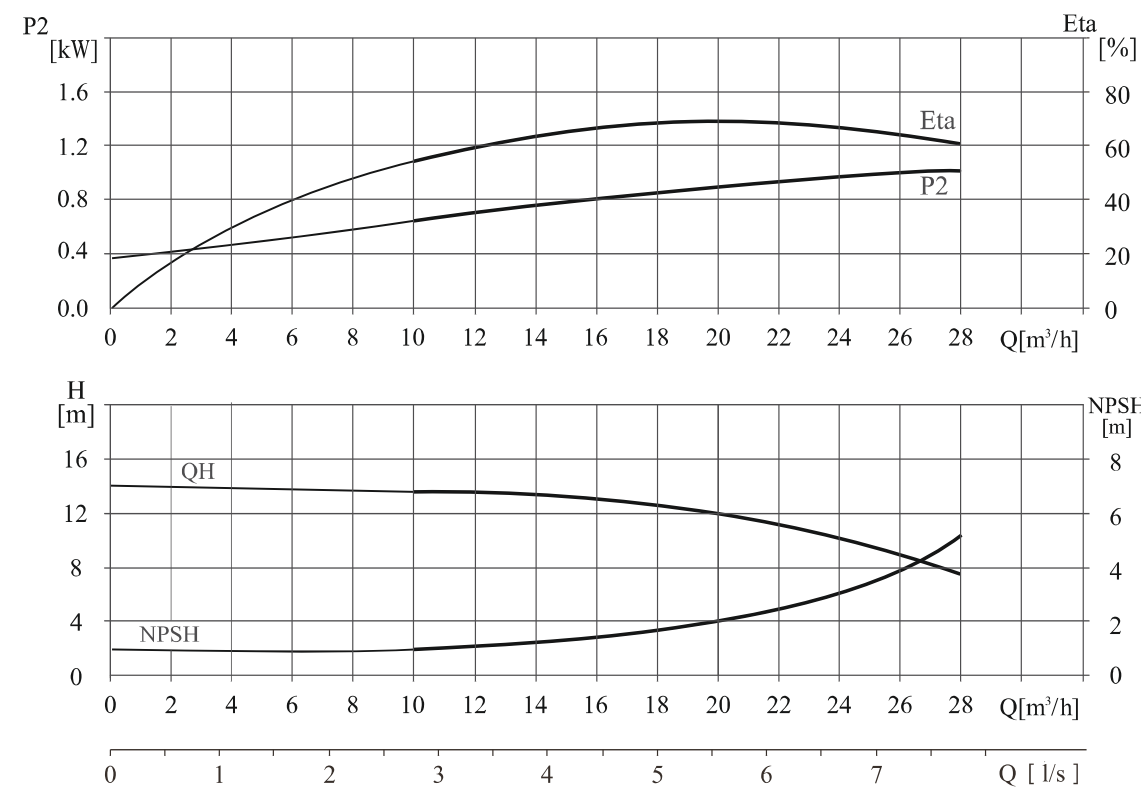
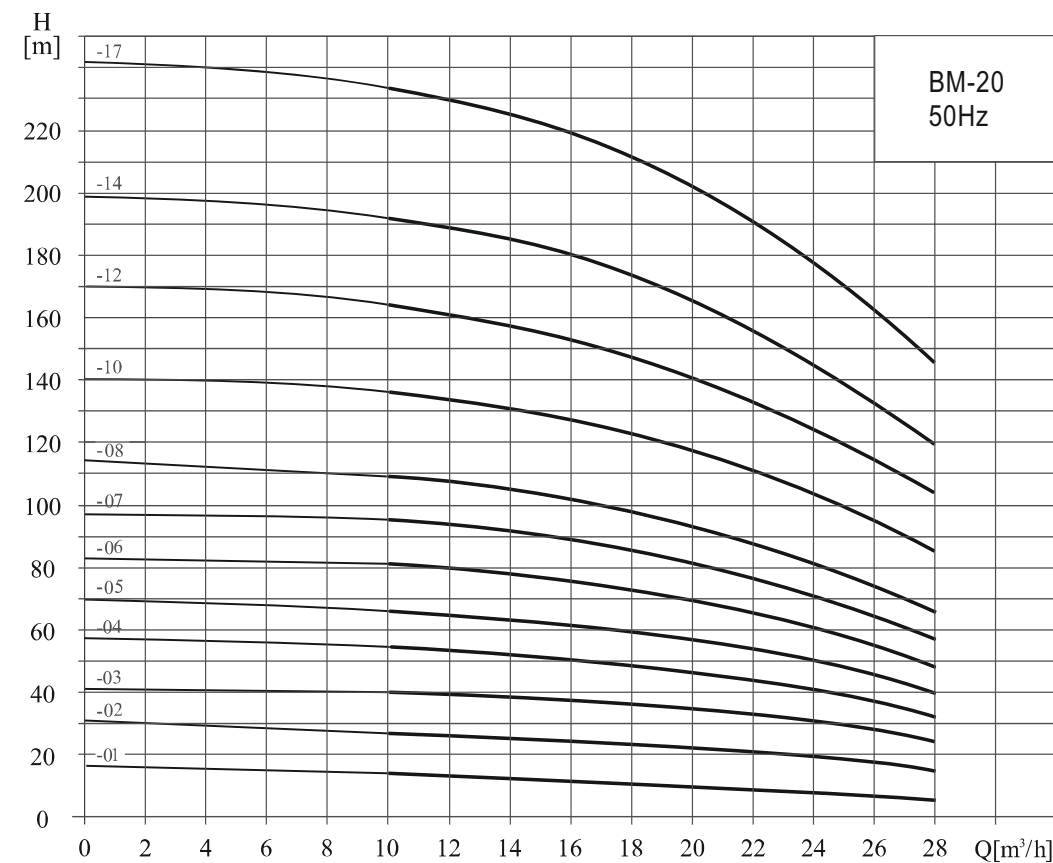
Model	Power		Q (m³/h)	8	10	12	14	15	16	18	20	23
	kW	HP										
BMC-15/01	1.1	1.5	H (m)	13	12	11.5	10.5	10	9	7.5	6	4.5
BMC-15/02	2.2	3		26	25	24	23	22	20.5	18	16	13
BMC-15/03	3.0	4		39.5	38.5	37.5	35.5	34.5	33.5	30.5	27	21
BMC-15/04	4.0	5.5		53	51	50	47.5	46	44.5	41	36.5	29
BMC-15/05	4.0	5.5		67	64	62.5	60	58	55.5	52	46	37
BMC-15/06	5.5	7.5		80.5	78	76	73	70.5	68	63.5	57	46.5
BMC-15/07	5.5	7.5		94	92	89.5	86	83.5	81	75.5	68.5	56.5
BMC-15/08	7.5	10		107.5	106	102.5	98.5	96	93	86.5	78	64.5
BMC-15/09	7.5	10		120	118	114.5	110	107	105	97	88	72
BMC-15/10	11	15		134	132	128	123	120	116.5	108.5	98.5	82.5
BMC-15/12	11	15		161	158	154	148	144	139	130	119	99
BMC-15/14	11	15		186	183	178	172	167	162	152	139	116
BMC-15/17	15	20		227	224	217	210	203	196	182	167	140

Dimension & Weight Details



Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-15/01	352	280	632	170	142	33
BMC-15/02	397	333	730	190	155	42
BMC-15/03	452	348	800	197	165	50
BMC-15/04	497	382	879	230	185	59
BMC-15/05	542	382	924	230	185	60
BMC-15/06	607	382	1042	260	210	77
BMC-15/07	652	435	1087	260	210	78
BMC-15/08	697	435	1132	260	210	86
BMC-15/09	742	435	1177	260	210	87
BMC-15/10	875	435	1455	250	260	160
BMC-15/12	965	580	1545	350	260	161
BMC-15/14	1055	580	1635	350	260	162
BMC-15/17	1190	580	1770	350	260	179

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.



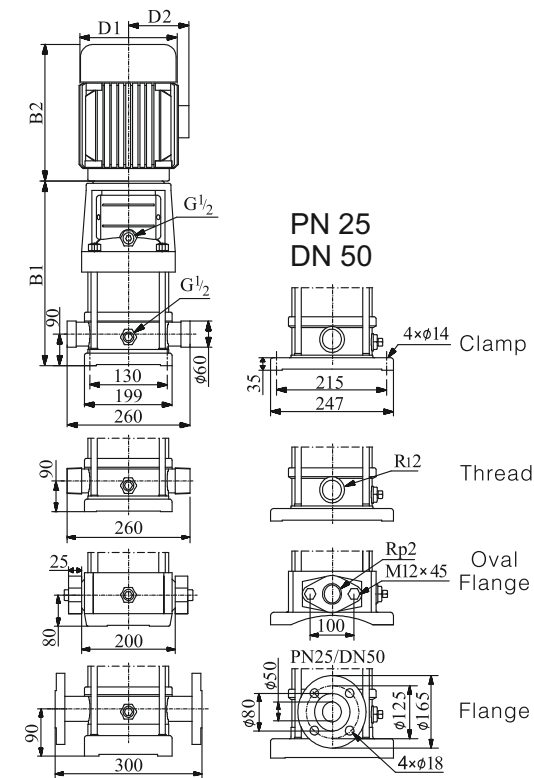
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

2900 rpm

Model	Power		Q (m³/h)	10	12	14	16	18	20	22	24	26	28
	kW	HP											
BMC-20/01	1.1	1.5	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
BMC-20/02	2.2	3		27	26.5	26	25	24	23	22	20	18	15
BMC-20/03	4.0	5.5		40	39.5	39	38	37	35	33	30	27	24
BMC-20/04	5.5	7.5		54	53	52	51	49	47	44	41	37	33
BMC-20/05	5.5	7.5		67	65	64	62	60	58	55	50	45	40
BMC-20/06	7.5	10		81	79	77	75	73	70	66	61	55	49
BMC-20/07	7.5	10		95	93	91	89	86	82	77	71	65	58
BMC-20/08	11	15		109	107	105	102	99	94	89	82	75	67
BMC-20/10	11	15		136	134	131	128	124	118	111	103	95	85
BMC-20/12	15	20		164	162	158	154	149	142	133	124	144	102
BMC-20/14	15	20		192	189	185	180	174	166	156	145	133	119
BMC-20/17	18.5	25		234	230	225	219	212	202	190	177	162	145

Dimension & Weight Details



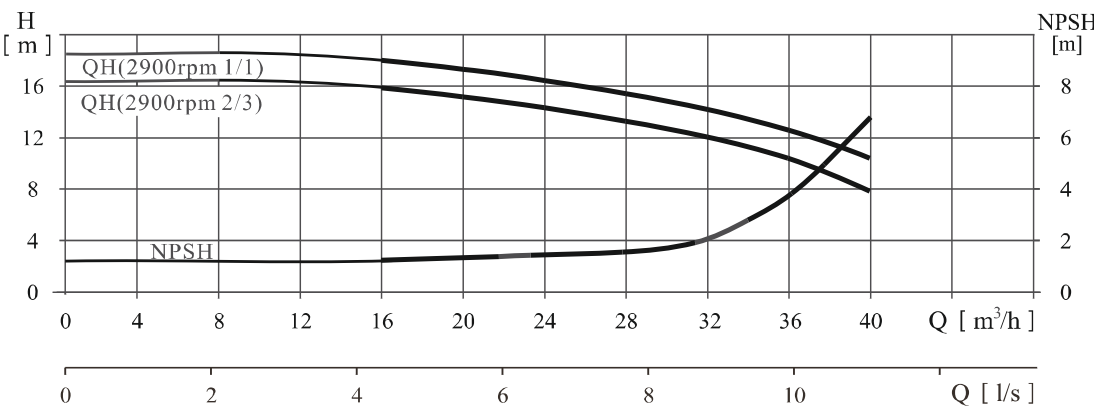
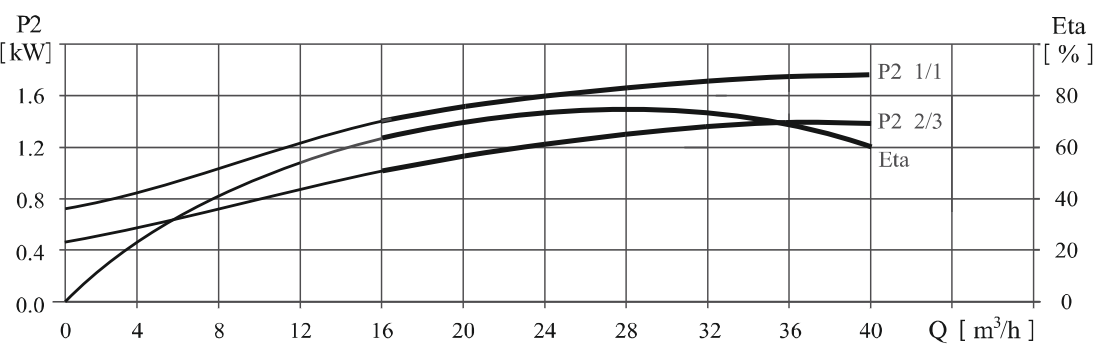
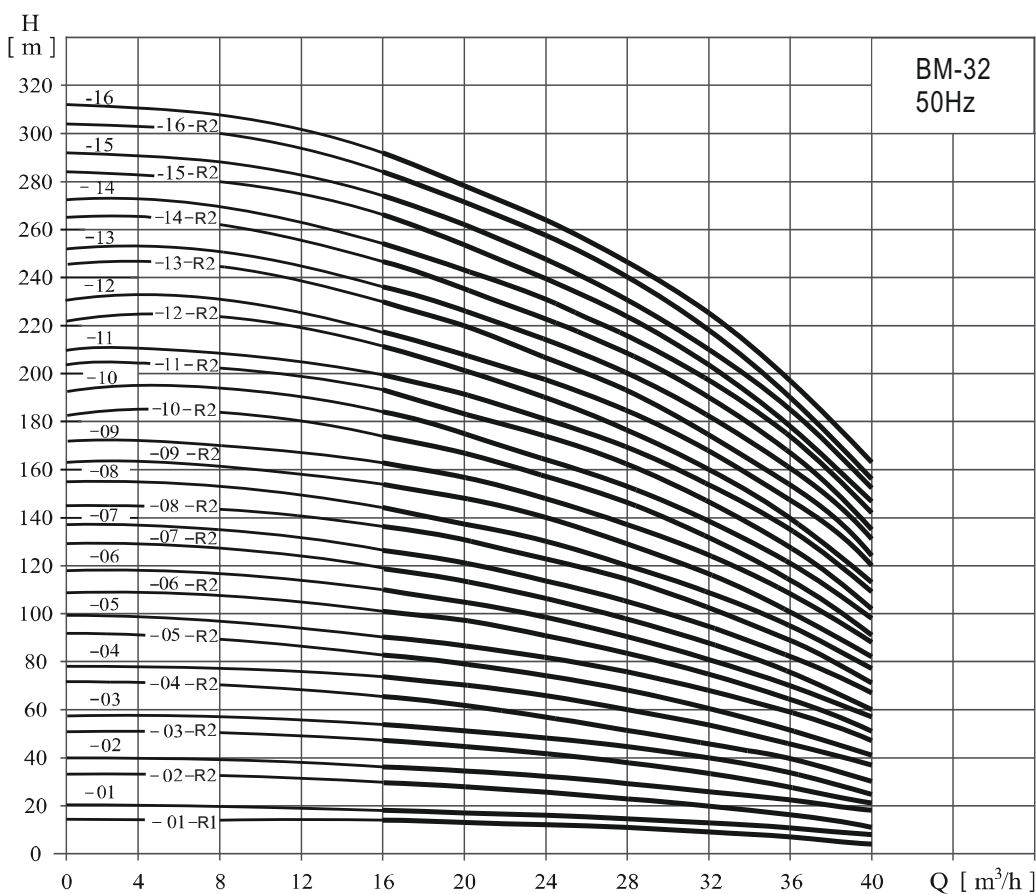
Model	Dimensions(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-20/01	387	280	667	170	142	33
BMC-20/02	397	333	730	190	155	42
BMC-20/03	452	382	834	230	188	58
BMC-20/04	517	435	952	260	208	74
BMC-20/05	562	435	997	260	208	76
BMC-20/06	607	435	1042	260	208	82
BMC-20/07	652	435	1087	260	208	84
BMC-20/08	785	580	1365	350	260	153
BMC-20/10	875	580	1455	350	260	157
BMC-20/12	965	580	1545	350	260	170
BMC-20/14	1055	580	1635	350	260	172
BMC-20/17	1190	610	1800	350	260	195

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-32

PERFORMANCE & DIMENSIONAL DETAILS

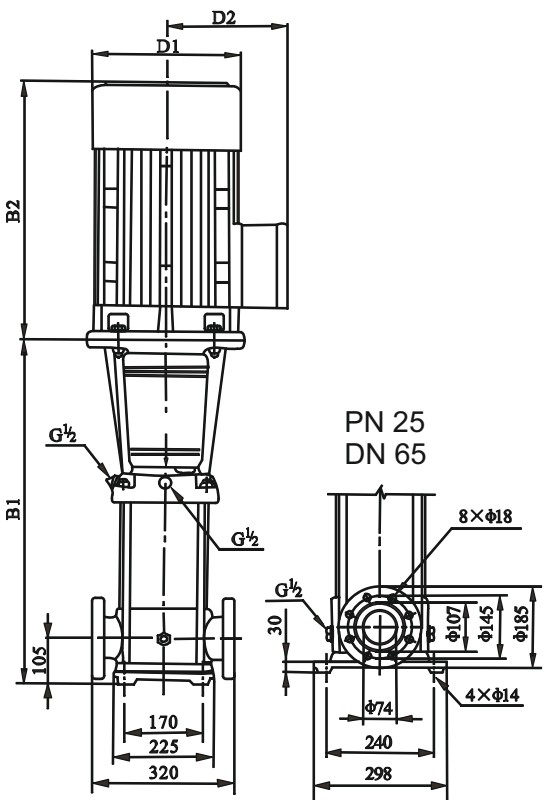


In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

Model			Power kW HP	Q (m³/h)	2900 rpm							
					16	20	24	28	32	36	40	
BMC-32/01-R1	1.5	2			14	13	12	11	9	7	4	
BMC-32/01	2.2	3			18	17	15	14	13	11	8	
BMC-32/02-R2	3.0	4			29	28	26	23	20	16	11	
BMC-32/02	4.0	5.5			36	34	32	29	27	23	18	
BMC-32/03-R2	5.5	7.5			47	44	41	38	33	28	21	
BMC-32/03	5.5	7.5			54	51	48	44	40	35	27	
BMC-32/04-R2	7.5	10			65	62	58	53	46	40	30	
BMC-32/04	7.5	10			72	69	65	59	53	47	37	
BMC-32/05-R2	11	15			83	79	74	68	60	52	41	
BMC-32/05	11	15			90	86	81	74	67	59	47	
BMC-32/06-R2	11	15			101	97	90	83	74	65	51	
BMC-32/06	11	15			108	104	97	90	81	72	57	
BMC-32/07-R2	15	20			119	114	107	98	88	78	60	
BMC-32/07	15	20			126	121	113	105	95	85	67	
BMC-32/08-R2	15	20			136	131	123	114	102	90	71	
BMC-32/08	15	20			144	138	130	120	109	97	77	

Dimension & Weight Details



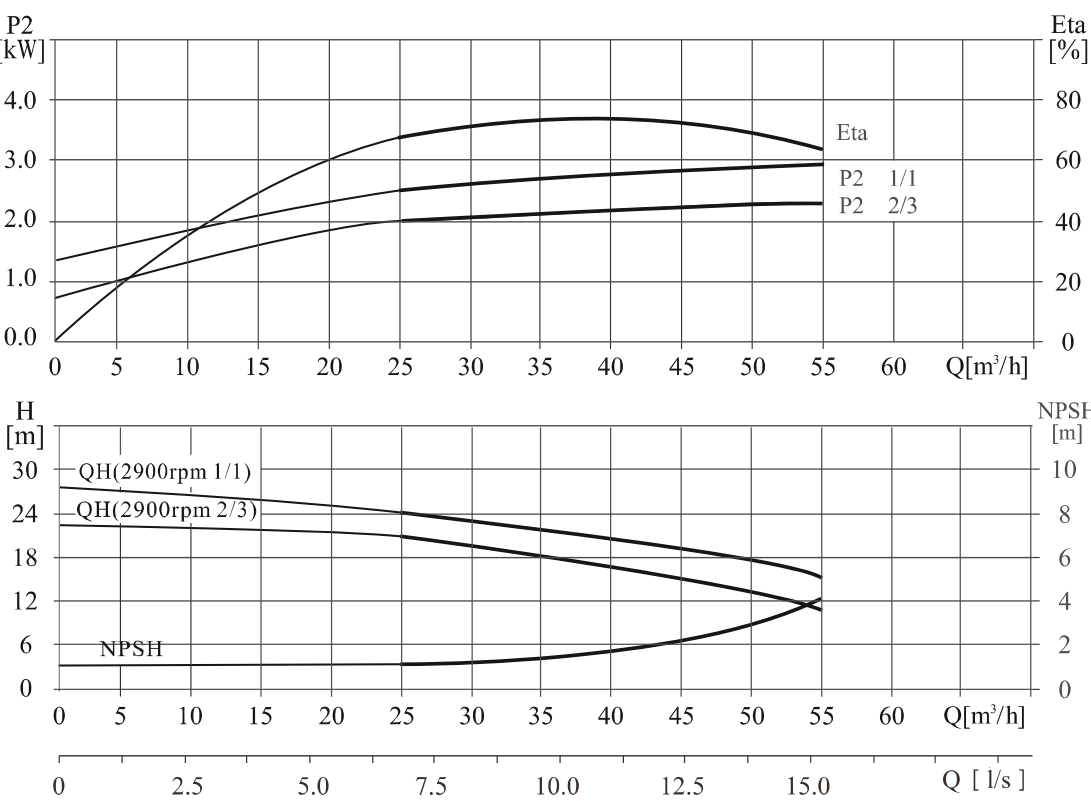
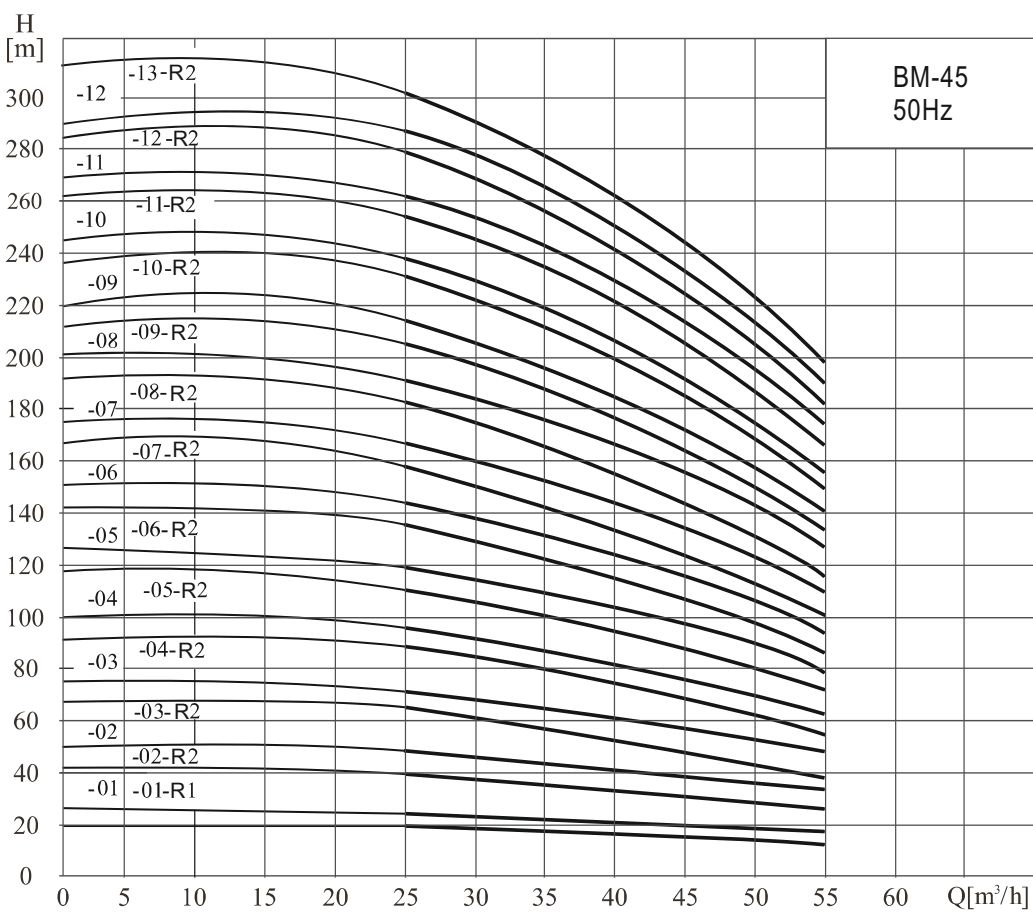
Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-32/01-R1/32-01	505	333	838	190	155	67
BMC-32/02-R2/32-02	575	370	945	230	185	83
BMC-32/03-R2/32-03	645	435	1080	260	208	100
BMC-32/04-R2/32-04	715	435	1150	260	208	109
BMC-32/05-R2/32-05	890	580	1470	350	260	181
BMC-32/06-R2/32-06	960	580	1540	350	260	185
BMC-32/07-R2/32-07	1030	580	1610	350	260	199
BMC-32/08-R2/32-08	1100	580	1680	350	260	203
BMC-32/09-R2/32-09	1170	610	1780	350	260	222
BMC-32/10-R2/32-10	1240	610	1850	350	260	227
BMC-32/11-R2/32-11	1310	645	1955	360	285	272
BMC-32/12-R2/32-12	1380	645	2025	360	285	276
BMC-32/13-R2/32-13	1450	705	2155	400	310	337
BMC-32/14-R2/32-14	1520	705	2225	400	310	341
BMC-32/15-R2/32-15	1590	705	2295	400	310	345
BMC-32/16-R2/32-16	1660	705	2365	400	310	350

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-45

PERFORMANCE & DIMENSIONAL DETAILS



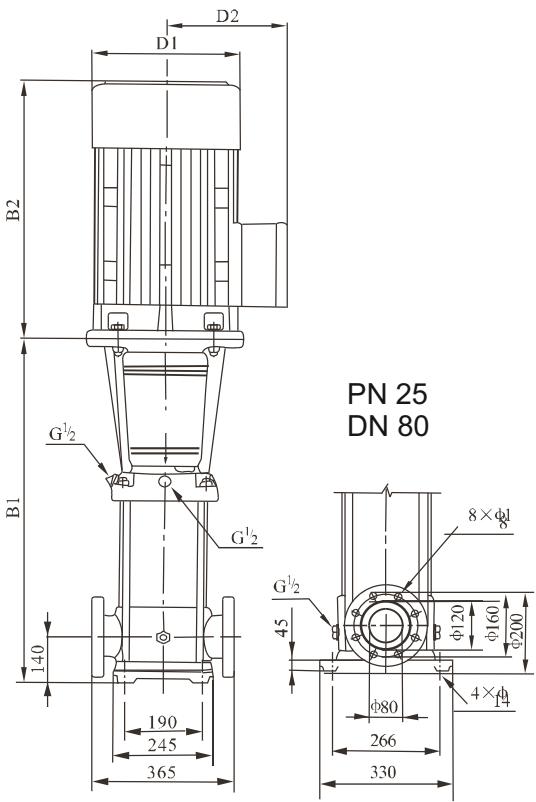
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

2900 rpm

Model	Power		Q (m³/h)	25	30	35	40	45	50	55
	kW	HP								
BMC-45-01-R1	3	4	H (m)	20	19	18	17	15	13	11
BMC-45-01	4	5.5		24	23	22	21	19	18	16
BMC-45-02-R2	5.5	7.5		40	38	36	33	30	27	23
BMC-45-02	7.5	10		48	46	44	42	39	35	31
BMC-45-03-R2	11	15		63	61	58	54	50	44	38
BMC-45-03	11	15		71	69	66	63	58	53	47
BMC-45-04-R2	15	20		87	84	80	75	69	62	54
BMC-45-04	15	20		95	92	88	84	78	71	62
BMC-45-05-R2	18.5	25		111	107	102	94	88	80	69
BMC-45-05	18.5	25		119	115	110	105	97	88	78
BMC-45-06-R2	22	30		135	130	124	117	108	97	85
BMC-45-06	22	30		143	138	132	125	116	106	93
BMC-45-07-R2	30	40		158	152	146	138	127	115	100
BMC-45-07	30	40		166	161	154	146	135	124	109
BMC-45-08-R2	30	40		182	175	168	159	146	133	116
BMC-45-08	30	40		190	184	176	167	154	141	124
BMC-45-09-R2	30	40		205	198	190	180	166	150	132
BMC-45-9	37	50		214	207	198	188	174	159	140
BMC-45-10-R2	37	50		230	221	212	200	185	168	147
BMC-45-10	37	50		238	230	220	209	193	177	155
BMC-45-11-R2	45	60		255	246	236	223	206	188	165
BMC-45-11	45	60		263	255	244	232	214	196	173
BMC-45-12-R2	45	60		280	270	259	245	226	206	181
BMC-45-12	45	60		289	280	268	255	236	216	190
BMC-45-13-R2	45	60		305	294	282	267	247	225	198

Dimension & Weight Details



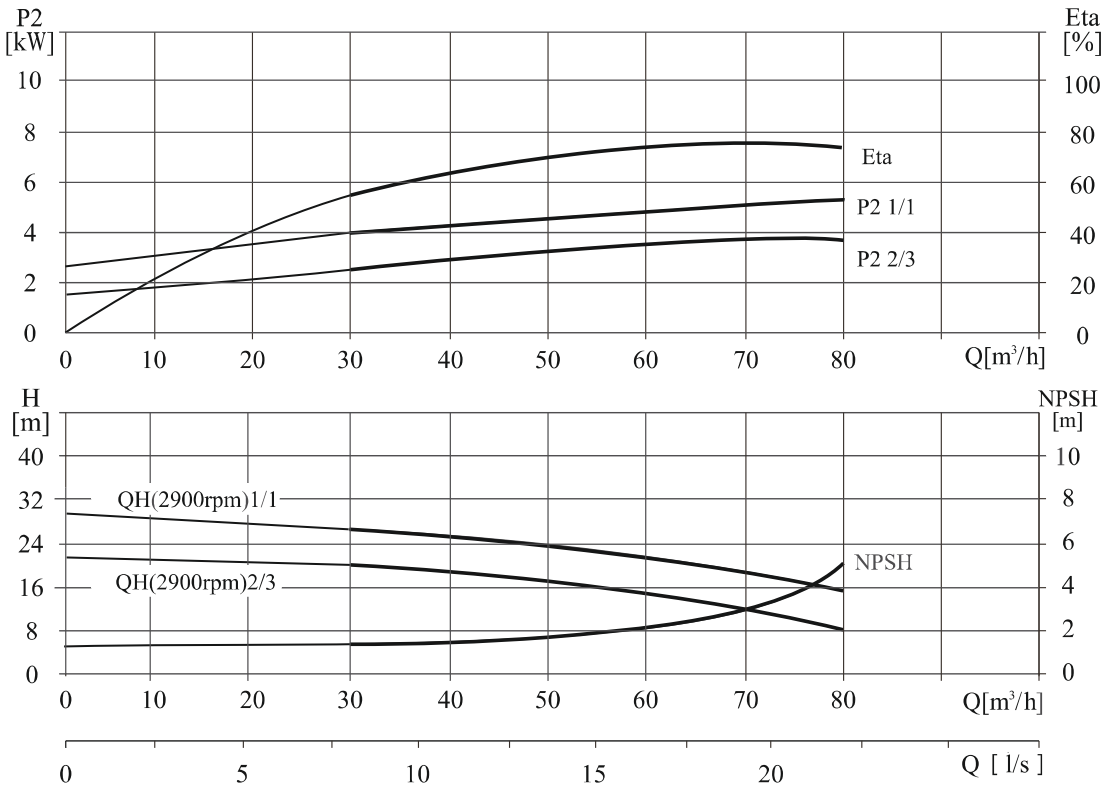
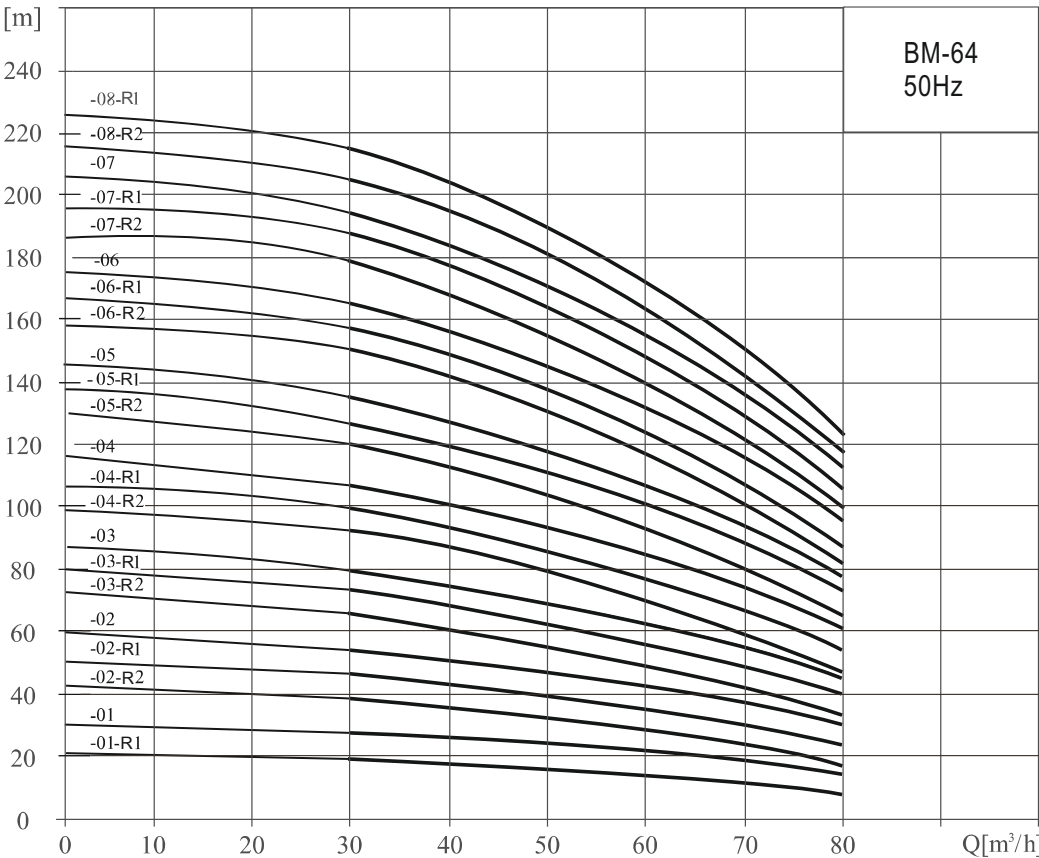
Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-45-01-R1	561	370	931	230	185	89
BMC-45-01	561	370	931	230	185	89
BMC-45-02-R2	641	435	1076	260	208	108
BMC-45-02	641	435	1076	260	208	108
BMC-45-03-R2	826	580	1406	350	260	183
BMC-45-03	826	580	1406	350	260	183
BMC-45-04-R2	906	580	1486	350	260	197
BMC-45-04	906	580	1486	350	260	197
BMC-45-05-R2	986	610	1596	350	260	221
BMC-45-05	986	610	1596	350	260	221
BMC-45-06-R2	1066	645	1711	360	285	261
BMC-45-06	1066	645	1711	360	285	261
BMC-45-07-R2	1146	705	1851	400	310	320
BMC-45-07	1146	705	1851	400	310	320
BMC-45-08-R2	1226	705	1931	400	310	324
BMC-45-08	1226	705	1931	400	310	324
BMC-45-09-R2	1306	705	2011	400	310	328
BMC-45-9	1306	740	2011	400	310	328
BMC-45-10-R2	1386	740	2091	400	310	355
BMC-45-10	1386	740	2091	400	310	355
BMC-45-11-R2	1466	740	2206	450	345	426
BMC-45-11	1466	740	2206	450	345	426
BMC-45-12-R2	1546	740	2286	450	345	432
BMC-45-12	1546	740	2286	450	345	432
BMC-45-13-R2	1626	740	2366	450	345	438

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-64

PERFORMANCE & DIMENSIONAL DETAILS



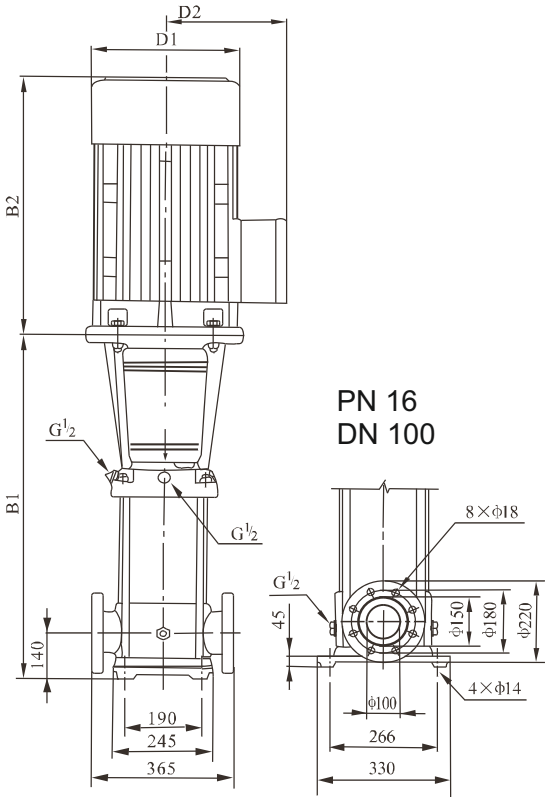
In view of continuous improvements in design process, the information, dimensions and specifications given here are subject to change without notice.

Performance Table

2900 rpm

Model	Power		Q (m³/h)	30	40	50	60	64	70	80
	kW	HP								
BMC-64-01-R1	4	5.5	H (m)	19	18	16	14	13	11	8
BMC-64-01	5.5	7.5		27	25	23	21	20	18	15
BMC-64-02-R2	7.5	10		39	36	33	29	27	23	17
BMC-64-02-R1	11	15		46	44	40	36	34	30	24
BMC-64-02	11	15		53	51	47	43	41	37	30
BMC-64-03-R2	15	20		66	62	56	50	47	41	32
BMC-64-03-R1	15	20		73	69	63	57	54	48	39
BMC-64-03	18.5	25		80	76	70	64	61	55	46
BMC-64-04-R2	18.5	25		92	87	80	71	67	60	47
BMC-64-04-R1	22	30		100	94	87	78	74	67	54
BMC-64-04	22	30		107	101	94	85	81	74	61
BMC-64-05-R2	30	40		121	114	105	95	89	80	64
BMC-64-05-R1	30	40		128	121	112	102	96	87	71
BMC-64-05	30	40		136	129	119	109	103	94	78
BMC-64-06-R2	30	40		150	142	131	118	111	101	81
BMC-64-06-R1	37	50		157	149	138	125	118	108	88
BMC-64-06	37	50		164	156	145	132	125	115	95
BMC-64-07-R2	37	50		179	169	156	141	133	121	99
BMC-64-07-R1	37	50		186	176	163	148	141	128	106
BMC-64-07	45	60		193	183	170	155	148	135	112
BMC-64-08-R2	45	60		207	196	182	164	156	142	116
BMC-64-08-R1	45	60		215	203	189	171	163	149	123

Dimension & Weight Details



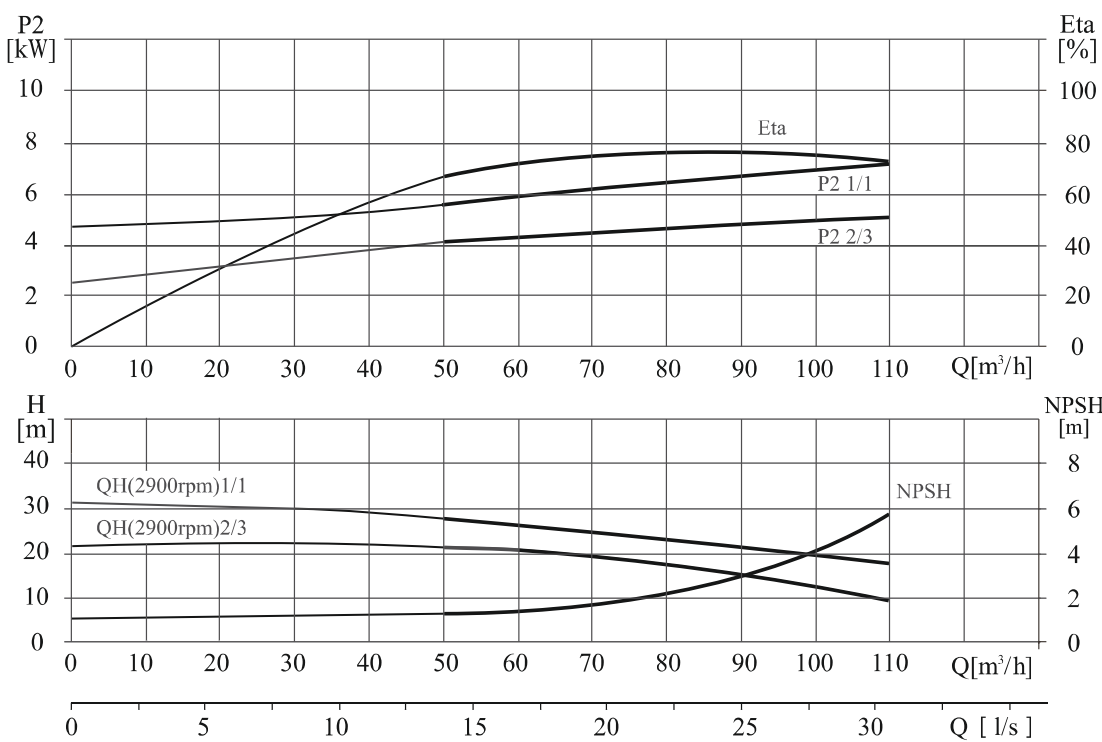
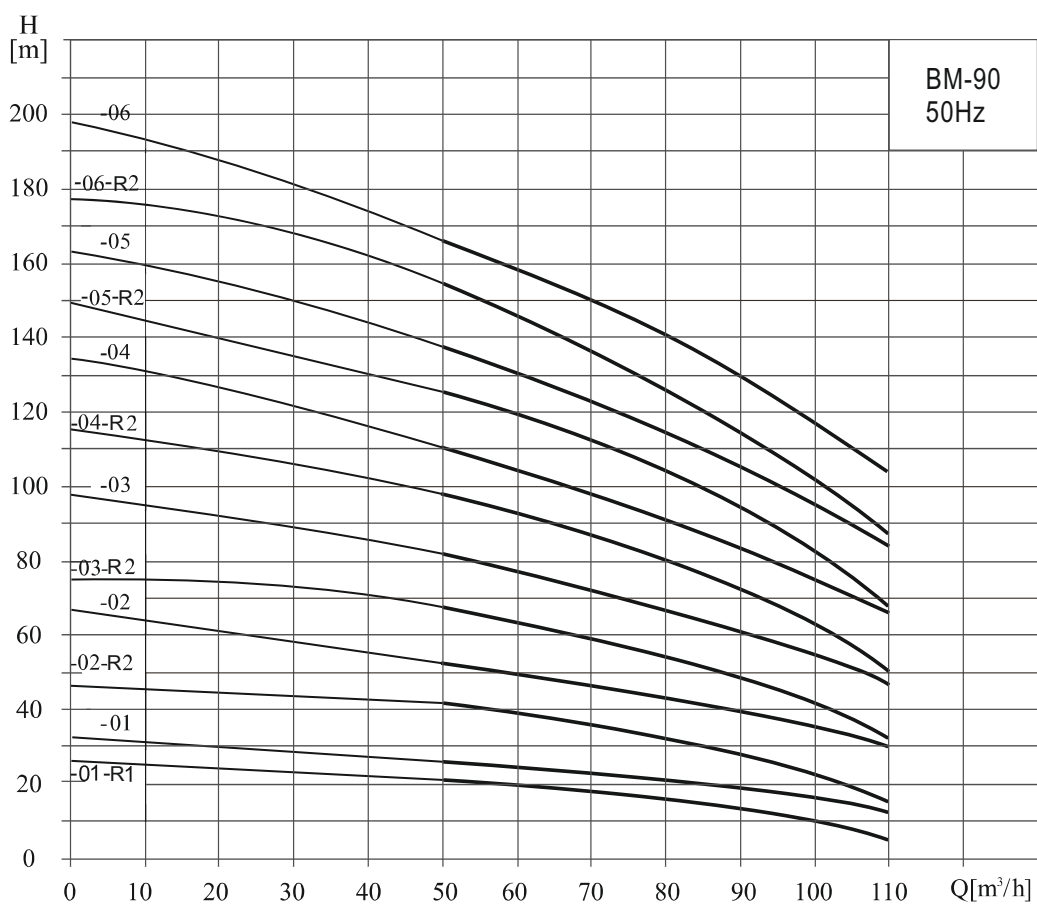
Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-64-01-R1	561	370	931	230	188	93
BMC-64-01	561	435	996	260	208	105
BMC-64-02-R2	644	435	1079	260	208	110
BMC-64-02-R1	754	580	1334	350	260	182
BMC-64-02	754	580	1334	350	260	182
BMC-64-03-R2	836	580	1416	350	260	197
BMC-64-03-R1	836	580	1416	350	260	197
BMC-64-03	836	610	1416	330	260	221
BMC-64-04-R2	919	610	1529	350	260	225
BMC-64-04-R1	919	645	1564	360	285	258
BMC-64-04	919	645	1564	400	285	258
BMC-64-05-R2	1001	705	1706	400	310	317
BMC-64-05-R1	1001	705	1706	400	310	231
BMC-64-05	1001	705	1706	400	310	231
BMC-64-06-R2	1084	705	1789	400	310	325
BMC-64-06-R1	1084	705	1789	400	310	349
BMC-64-06	1084	705	1871	400	310	349
BMC-64-07-R2	1166	705	1871	400	310	353
BMC-64-07-R1	1166	705	1871	460	310	353
BMC-64-07	1166	740	1906	460	340	420
BMC-64-08-R2	1248	740	1988	460	340	424
BMC-64-08-R1	1248	740	1988	460	340	424

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-90

PERFORMANCE & DIMENSIONAL DETAILS



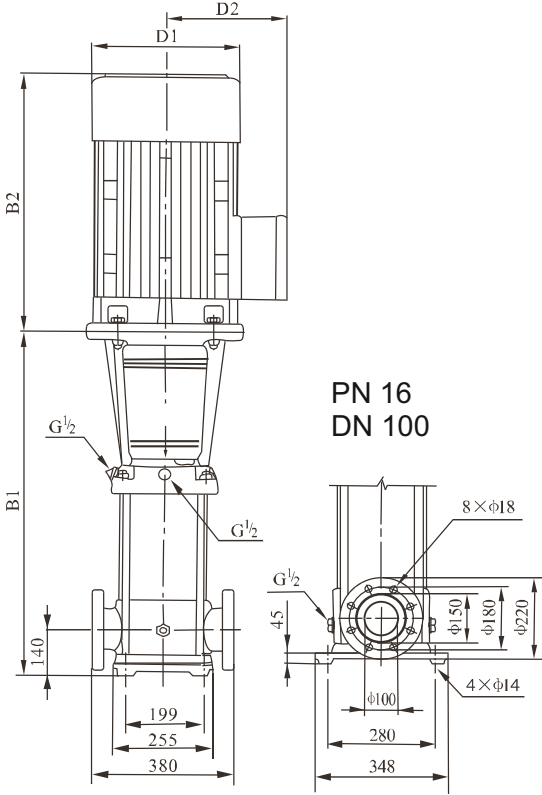
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

2900 rpm

Model	Power		Q (m³/h)	50	60	70	80	90	100	110
	kW	HP								
BMC-90-01-R1	5.5	7.5	H (m)	22	19	17	16	13	10	6
BMC-90-01	7.5	10		25	24	22	21	19	16	12
BMC-90-02-R2	11	15		41	39	36	32	28	22	15
BMC-90-02	15	20		53	50	47	44	40	236	30
BMC-90-03-R2	18.5	25		68	65	60	55	49	41	32
BMC-90-03	22	30		81	77	72	67	62	55	48
BMC-90-04-R2	30	40		98	93	87	80	72	62	50
BMC-90-04	30	40		110	105	100	92	84	64	66
BMC-90-05-R2	37	50		126	120	113	104	93	81	68
BMC-90-05	37	50		139	131	124	115	106	94	83
BMC-90-06-R2	45	60		155	148	139	129	117	102	86
BMC-90-06	45	60		168	160	150	141	130	117	103

Dimension & Weight Details



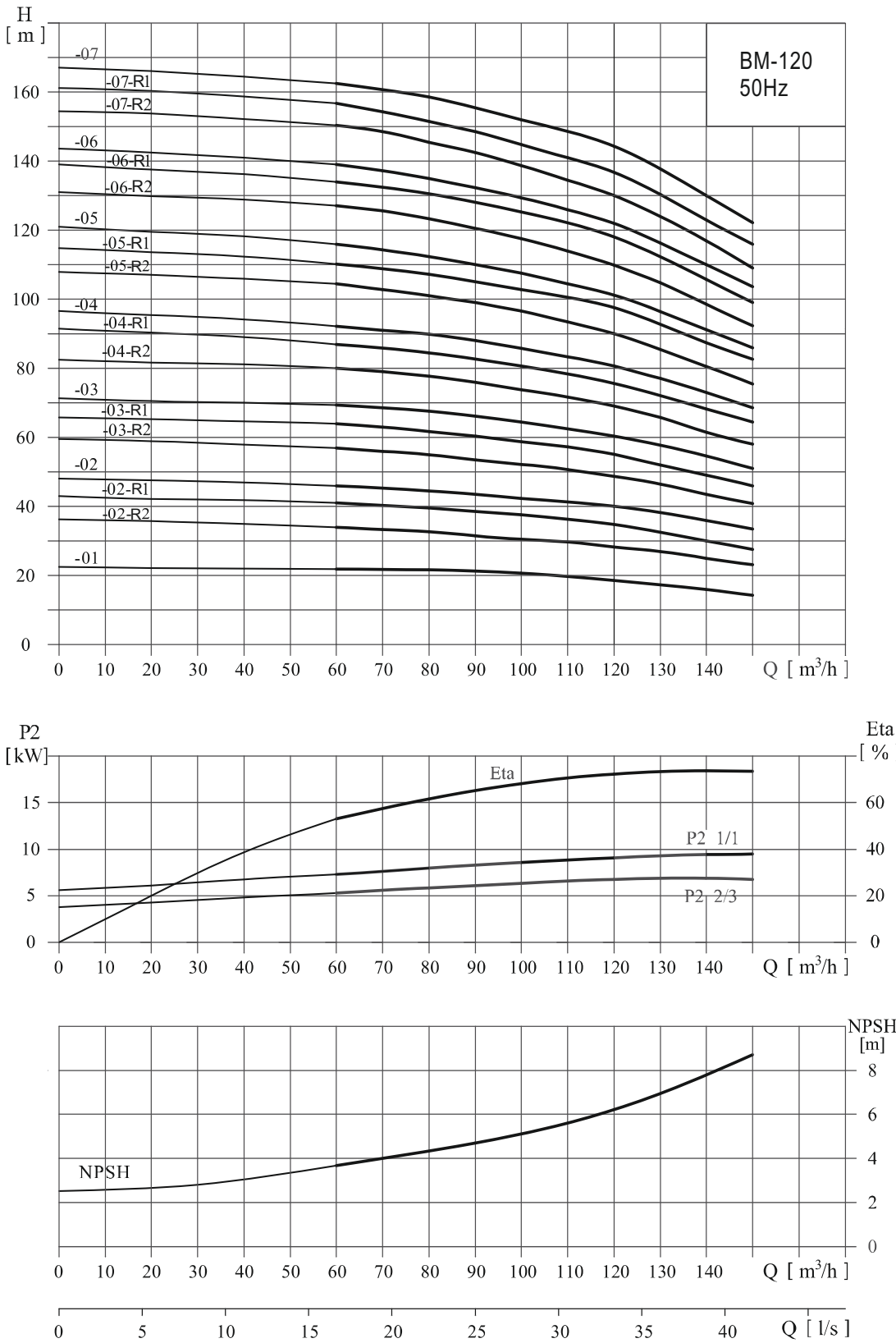
Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-90-01-R1	571	435	1006	260	208	105
BMC-90-01	571	435	1006	260	208	110
BMC-90-02-R2	773	580	1353	350	260	181
BMC-90-02	773	580	1353	350	260	192
BMC-90-03-R2	865	610	1475	350	260	215
BMC-90-03	865	645	1510	360	285	252
BMC-90-04-R2	957	705	1662	400	310	312
BMC-90-04	957	705	1662	400	310	312
BMC-90-05-R2	1049	705	1754	400	310	336
BMC-90-05	1049	705	1754	400	310	336
BMC-90-06-R2	1141	740	1881	460	340	407
BMC-90-06	1141	740	1881	460	340	407

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-120

PERFORMANCE & DIMENSIONAL DETAILS



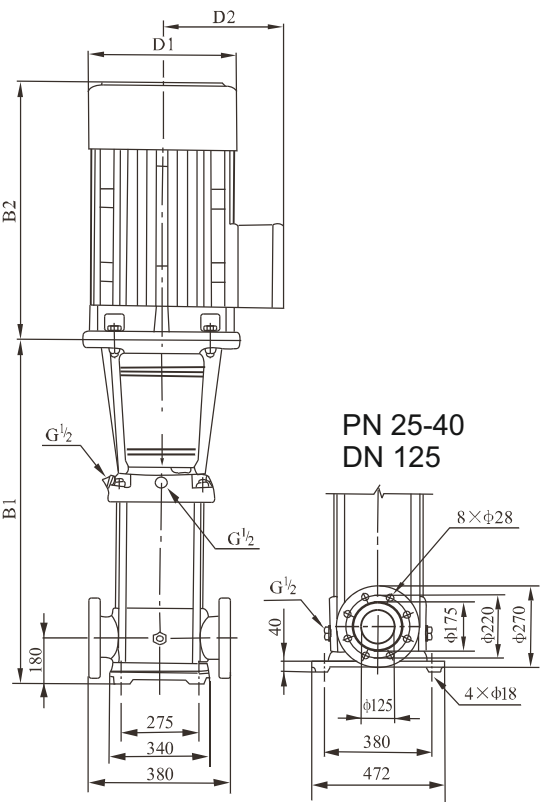
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

2900 rpm

Model	Power		Q (m³/h)	60	70	80	90	100	110	120	130	140	150
	kW	HP											
BMC-120-01	11	15	H (m)	22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
BMC-120-02R2	15	20		34	33.6	33	31	30.2	30	28.5	27	25	24
BMC-120-02R1	18.5	25		41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5
BMC-120-02	22	30		46	45	44.5	43.5	42.4	41	40	38	36	33.5
BMC-120-03R2	30	40		57	56	55	53.5	52	51	49	46.5	43.5	41
BMC-120-03R1	30	40		64	63	62	60	58.5	57.5	55.5	52	49	46
BMC-120-03	30	40		69.5	68.5	67.5	66	54.5	62.5	61	57.5	54.5	51
BMC-120-04R2	37	50		80.5	79	78	76	73.5	72	69	66	61.5	58
BMC-120-04R1	37	50		87	86	84.5	82	80	78	76	72	68	64.5
BMC-120-04	45	60		92.5	91	90	88	85.5	83	81	77	73	68.5
BMC-120-05R2	45	60		104.5	103	101	99	96	93	90	85.5	80.5	75.5
BMC-120-05R1	45	60		110.5	109	107.5	105	102	100	97	92.5	86.5	83
BMC-120-05	55	75		115.5	114	113	110	107.5	104.5	101.5	96	91	86
BMC-120-06R2	55	75		128	125.5	123	121	117.5	113.5	110	104.5	98.5	92.5
BMC-120-06R1	55	75		134	132	130.5	127	124	121	118	111	105	100
BMC-120-06	75	100		139	137	135	132	128.5	126	123	116	110	104
BMC-120-07R2	75	100		151	148	145.5	143	138.5	134	130	123.5	116.5	109
BMC-120-07R1	75	100		156.5	154	152	148.5	144.5	141	137.5	130	123	116.5
BMC-120-07	75	100		162.5	160.5	158.5	155	151	148	145	137	129	123

Dimension & Weight Details



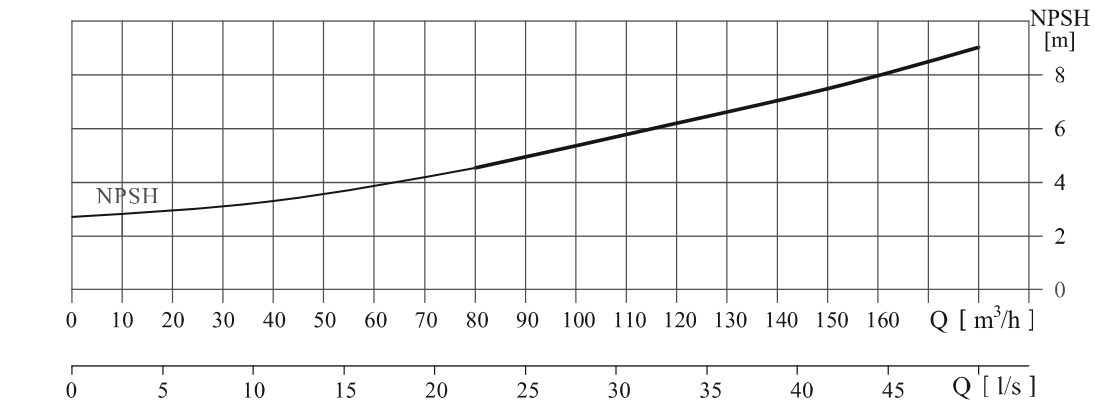
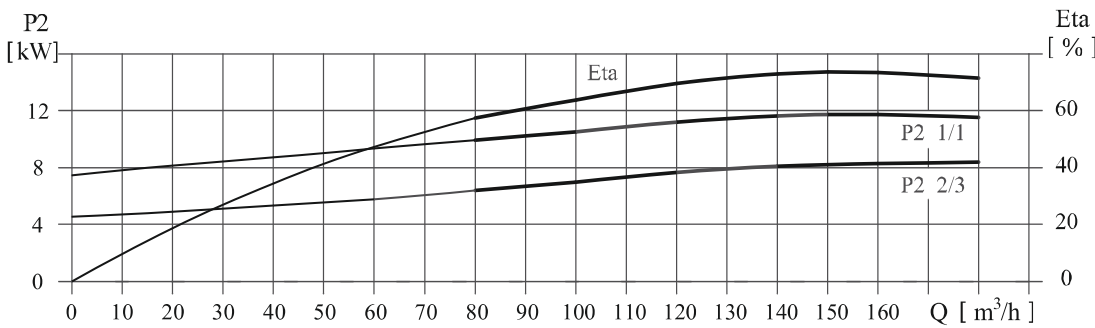
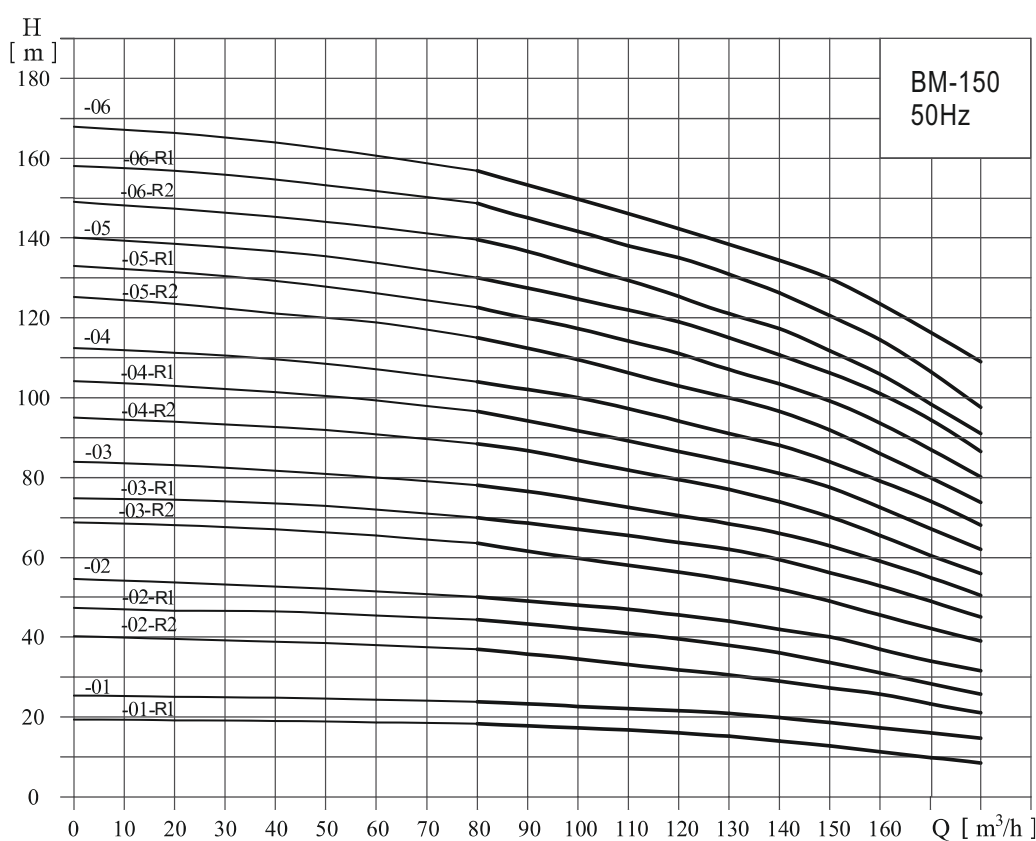
Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-120-01	840	580	1420	350	260	230
BMC-120-02R2	1000	580	1580	350	260	245
BMC-120-02R1	1000	610	1610	350	260	250
BMC-120-02	1000	645	1645	360	285	285
BMC-120-03R2	1160	705	1645	400	310	358
BMC-120-03R1	1160	705	1645	400	310	360
BMC-120-03	1160	705	2025	400	310	360
BMC-120-04R2	1320	705	2025	400	310	400
BMC-120-04R1	1320	705	2060	400	310	400
BMC-120-04	1320	740	2220	460	340	460
BMC-120-05R2	1480	740	2220	460	340	470
BMC-120-05R1	1480	740	2220	460	340	470
BMC-120-05	1510	810	2320	550	370	575
BMC-120-06R2	1670	810	2480	550	370	585
BMC-120-06R1	1670	810	2480	550	370	585
BMC-120-06	1670	870	2540	580	410	705
BMC-120-07R2	1830	870	2700	580	410	713
BMC-120-07R1	1830	870	2700	580	410	715
BMC-120-07	1830	870	2700	580	410	715

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-150

PERFORMANCE & DIMENSIONAL DETAILS



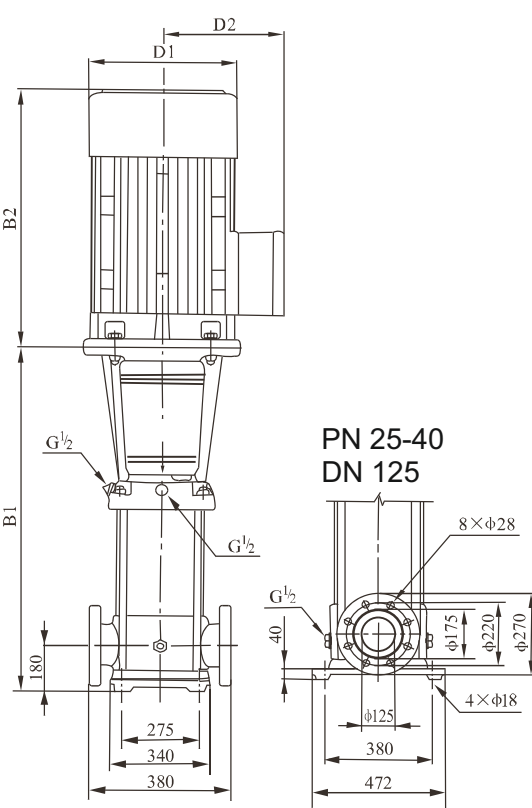
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

2900 rpm

Model	Power		Q (m³/h)	80	90	100	110	120	130	140	150	160	170	180
	kW	HP												
BMC-150-01-R1	11	15	H (m)	18.3	17.8	17.3	17	16	15	14	12.5	11	10	8.5
BMC-150-01	15	20		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
BMC-150-02-R2	18.5	25		37	35.5	34	33	32	31	29	27.5	26	23	21
BMC-150-02-R1	22	30		44.5	43	42	40	39	38.5	37.5	35	33	30	27
BMC-150-02	30	40		50	49	48	47	45.5	44	42	40	37	34	32
BMC-150-03-R2	30	40		63.5	61	59	57.5	56	54.5	53	49	45.5	42	39
BMC-150-03-R1	37	50		70	68	67	65	63	62	60	56	53	49	45
BMC-150-03	37	50		78	76.5	75	73	70.5	68	66	63	59	55	50.5
BMC-150-04-R2	45	60		89	87	84	81.5	79	77	74.5	70.5	65.5	60	56
BMC-150-04-R1	45	60		96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
BMC-150-04	55	75		104	102	100	97	95	91	88	84	79.5	74	68
BMC-150-05-R2	55	75		115	112	109	106	102.5	100	97	92	86	79	73.5
BMC-150-05-R1	75	100		122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80
BMC-150-05	75	100		130	127.5	125	121	119	155	111.5	106.5	101	94.5	86.5
BMC-150-06-R2	75	100		140	137	133	130	126	121	118	112	106	98	91
BMC-150-06-R1	75	100		148.5	145	141.5	137.5	135	131	127	120	114.5	106.5	97.5
BMC-150-06	75	100		157	153	149	145	142	139.5	137	130	123.5	116	109

Dimension & Weight Details



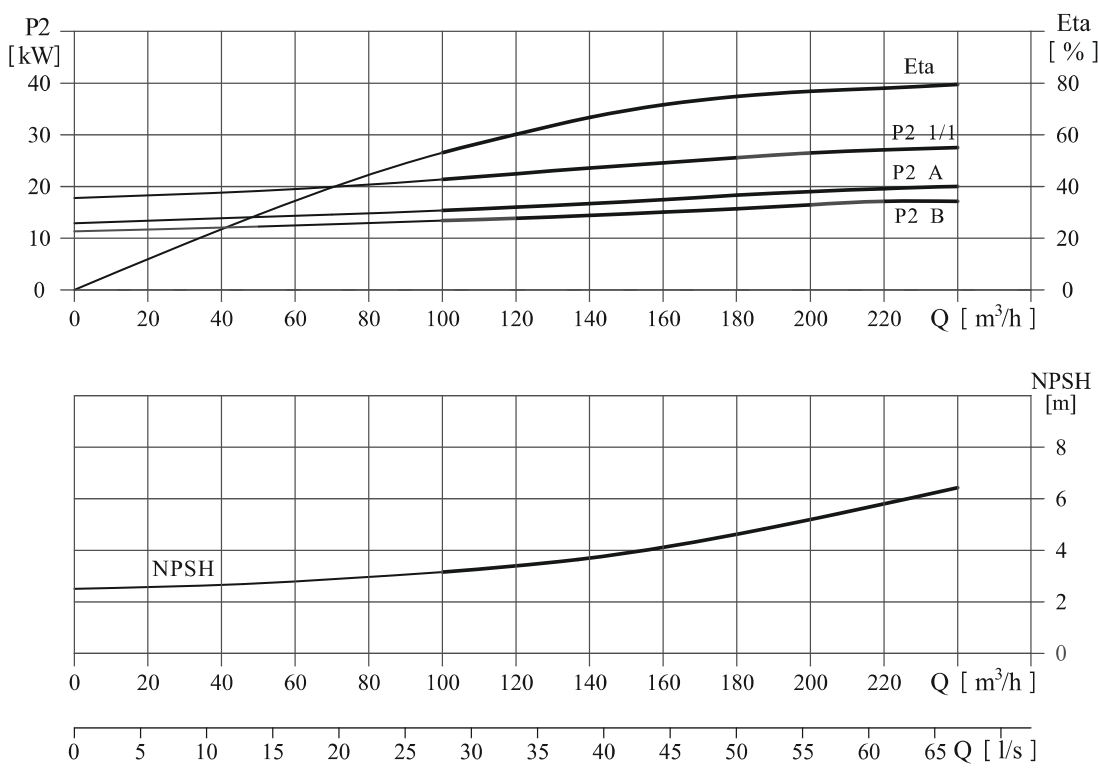
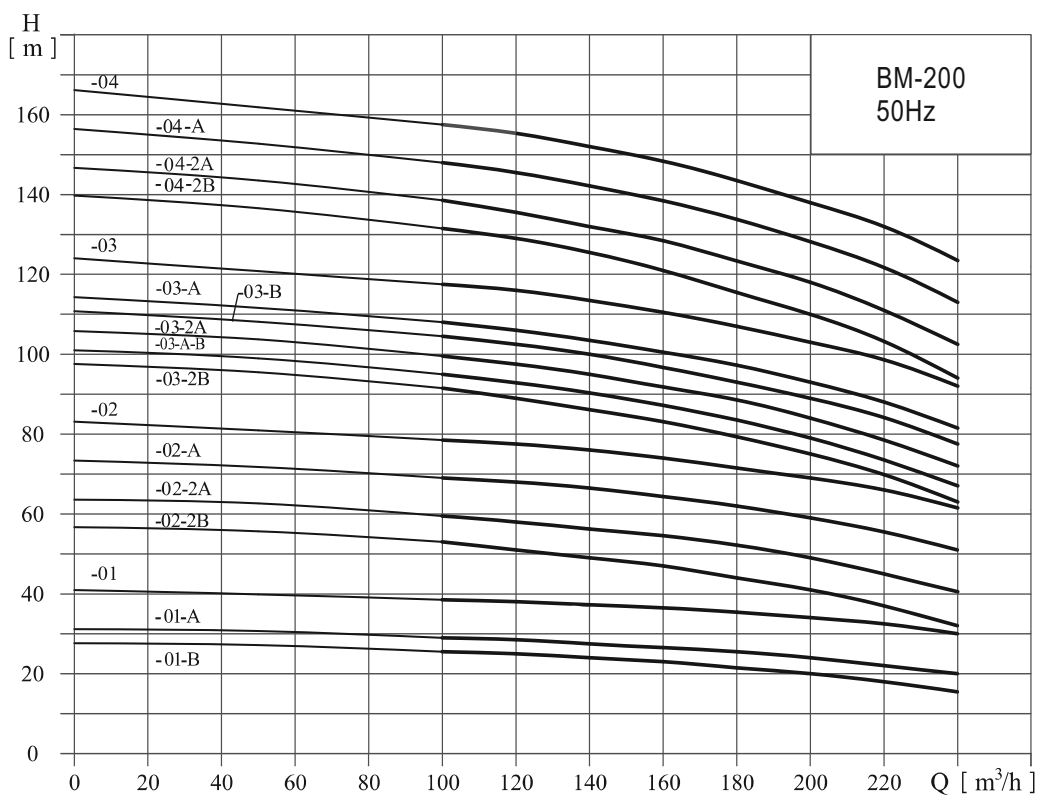
Model	Dimensions(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-150-01-R1	840	580	1420	350	260	235
BMC-150-01	840	580	1420	350	260	235
BMC-150-02-R2	1000	610	1610	350	260	250
BMC-150-02-R1	1000	645	1645	360	285	295
BMC-150-02	1000	705	1705	400	310	350
BMC-150-03-R2	1160	705	1865	400	310	360
BMC-150-03-R1	1160	705	1865	400	310	385
BMC-150-03	1160	705	1865	400	310	385
BMC-150-04-R2	1320	740	2060	460	340	460
BMC-150-04-R1	1320	740	2060	460	340	460
BMC-150-04	1350	810	2160	550	370	560
BMC-150-05-R2	1510	810	2320	550	370	570
BMC-150-05-R1	1510	870	2380	580	410	690
BMC-150-06	1510	870	2380	580	410	690
BMC-150-07-R2	1670	870	2540	580	410	700
BMC-150-07-R1	1670	870	2540	580	410	703
BMC-150-07	1670	870	2540	580	410	703

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.

PERFORMANCE CURVES

BM-200

PERFORMANCE & DIMENSIONAL DETAILS



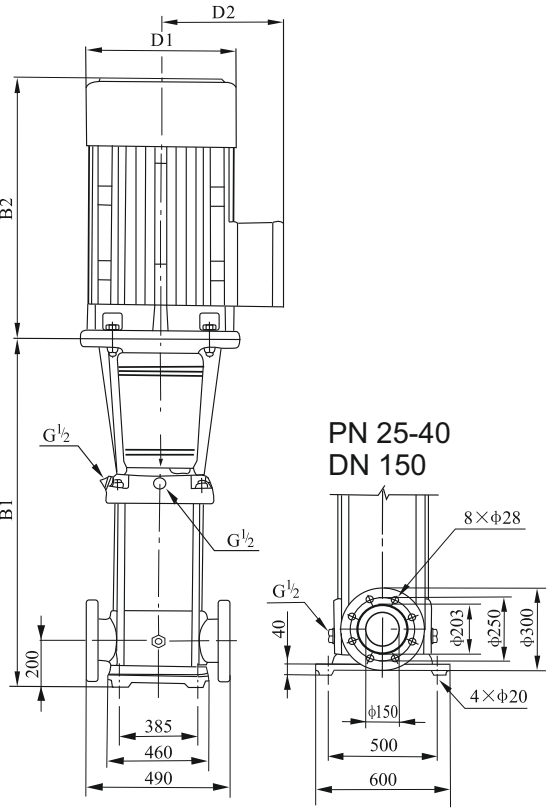
In view of continuous improvements in our design and process, the information, dimensions and specifications given herein are subject to change without notice.

Performance Table

2900 rpm

Model	Power		Q (m³/h)	100	120	140	160	180	200	220	240
	kW	HP									
BMC-200-01-B	18.5	25	H (m)	25.5	25	24	23	21.5	20	18	15.5
BMC-200-01-A	22	30		29	28.5	27.5	26.5	25.5	24	22	20
BMC-200-01	30	40		38.5	38	37.5	36.5	35	34	32.5	30
BMC-200-02-2B	37	50		53	51	49	47	44	41	37	32
BMC-200-02-2A	45	60		59.5	58	56	54	52.5	49	44.5	40.5
BMC-200-02-A	55	75		69	68	66	64	62	59	55.5	51
BMC-200-02	55	75		78.5	77.5	76	74	71.5	69	66	61.5
BMC-200-03-2B	75	100		91.5	89	86.5	83.5	79	75	70	63
BMC-200-03-A-B	75	100		95	93	90	87	83.5	79	73.5	67
BMC-200-03-2A	75	100		99.5	97.5	94.5	91.5	89	84	78.5	72
BMC-200-03-B	75	100		104.5	102.5	100	97	93	89	84.5	77.5
BMC-200-0-3-A	75	100		108	106	103.5	100.5	97.5	93	88	81.5
BMC-200-03	90	120		117.5	116	113.5	110.5	107	103	99	92
BMC-200-04-2B	90	120		131.5	129	125.5	121	115.5	110	103.5	94
BMC-200-04-2B	110	150		138.5	136	132	128	124	118	111	102.5
BMC-200-04-A	110	150		148	145.5	142.5	138	134	128	122	113
BMC-200-04	110	150		157.5	155.5	152.5	148	143.5	138	132.5	123.5

Dimension & Weight Details



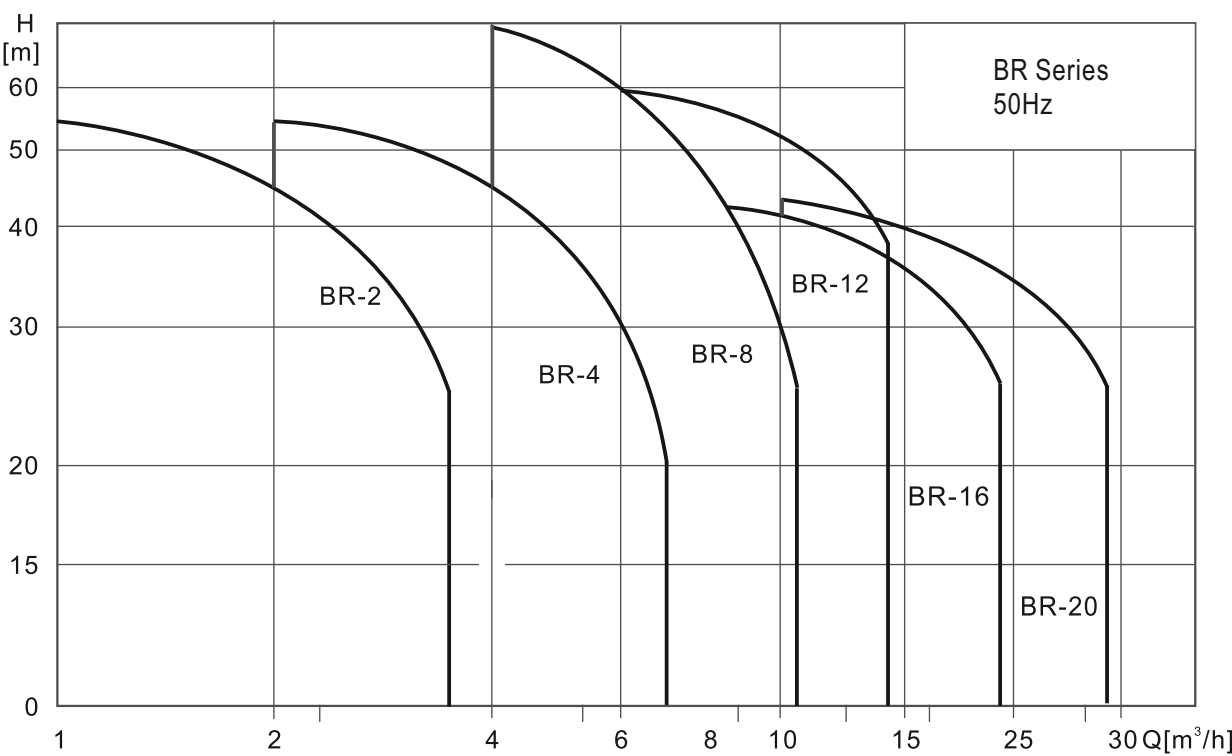
Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
BMC-200-01-B	907	610	1517	350	260	311
BMC-200-01-A	907	645	1552	360	285	347
BMC-200-01	907	705	1612	400	310	403
BMC-200-02-B	1101	705	1806	400	310	447
BMC-200-02-2A	1101	740	1841	460	340	504
BMC-200-02-A	1131	810	1941	550	370	595
BMC-200-2	1131	810	1941	550	370	595
BMC-200-03-2B	1325	870	2195	580	410	748
BMC-200-03-A-B	1325	870	2195	580	410	748
BMC-200-03-2A	1325	870	2195	580	410	748
BMC-200-03-B	1325	870	2195	580	410	748
BMC-200-0-3-A	1325	870	2195	580	410	748
BMC-200-03	1325	920	2245	580	410	816
BMC-200-04-2B	1519	920	2439	580	410	830
BMC-200-04-2B	1519	1060	2579	1180	550	1180
BMC-200-04-A	1519	1060	2579	1180	550	1180
BMC-200-04	1519	1060	2579	1180	550	1180

Replace 3rd digit in model name as 'S' for SS 304 Pump housing & Pump Cover and 'N' for SS316 Pump housing & Pump Cover. Suffix 'S' for single phase & 'T' for three phase motor.
By Default Pump will be supplied with round flange connection.



HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS - BR SERIES	
Technical Specifications	
Power Range	0.37 - 4 kW / 0.5 - 5.5 HP
Version	1Ph - 230V, 50Hz AC 3Ph - 380 -415V, 50Hz AC
Speed	2900 RPM
Protection	IP 55
Insulation Class	F Class
Duty	S1 (continuous)
Direction of Rotation	Clockwise viewed from driving end
Sealing	Mechanical Seal
Max. Liquid Temperature	Std.: -15 to +70°C, High Temp.: upto 104°C
Max. Ambient Temperature	50°C
Max. Operating Pressure	10 Bar
Flow Range	upto 28m³/h
Head Range	upto 65m

Model Nomenclature		Horizontal Multistage Pumps	
XXX - (S)(X)X / XX (X) XXX			
BR - Horizontal Multistage Pumps Materials of Construction Std.: CI Suction & Delivery Housing Applicable only for special construction S = Complete SS304 Const. N = Complete SS316 Const. F = Fabricated SS304 Suc. & Del. Housing		Applicable only for high Eff. Motors 2 = IE2 Motor 3 = IE3 Motor Voltage (Except for 1Ph 230V & 3Ph 380V) D = 220V, K = 415V Method of Starting S: 1Ph - CSCR T: 3Ph - D.O.L D: 3Ph - S.D.	
Applicable only for 60Hz Rated Flow in m³/h 2 - 2m³/h, 12 - 12m³/h		Applicable only for high flow models B= High Flow Models	
Number of Stages x 10 20: 2 Stage , 40: 4 Stage 35: 4 Stage with trimmed impeller			



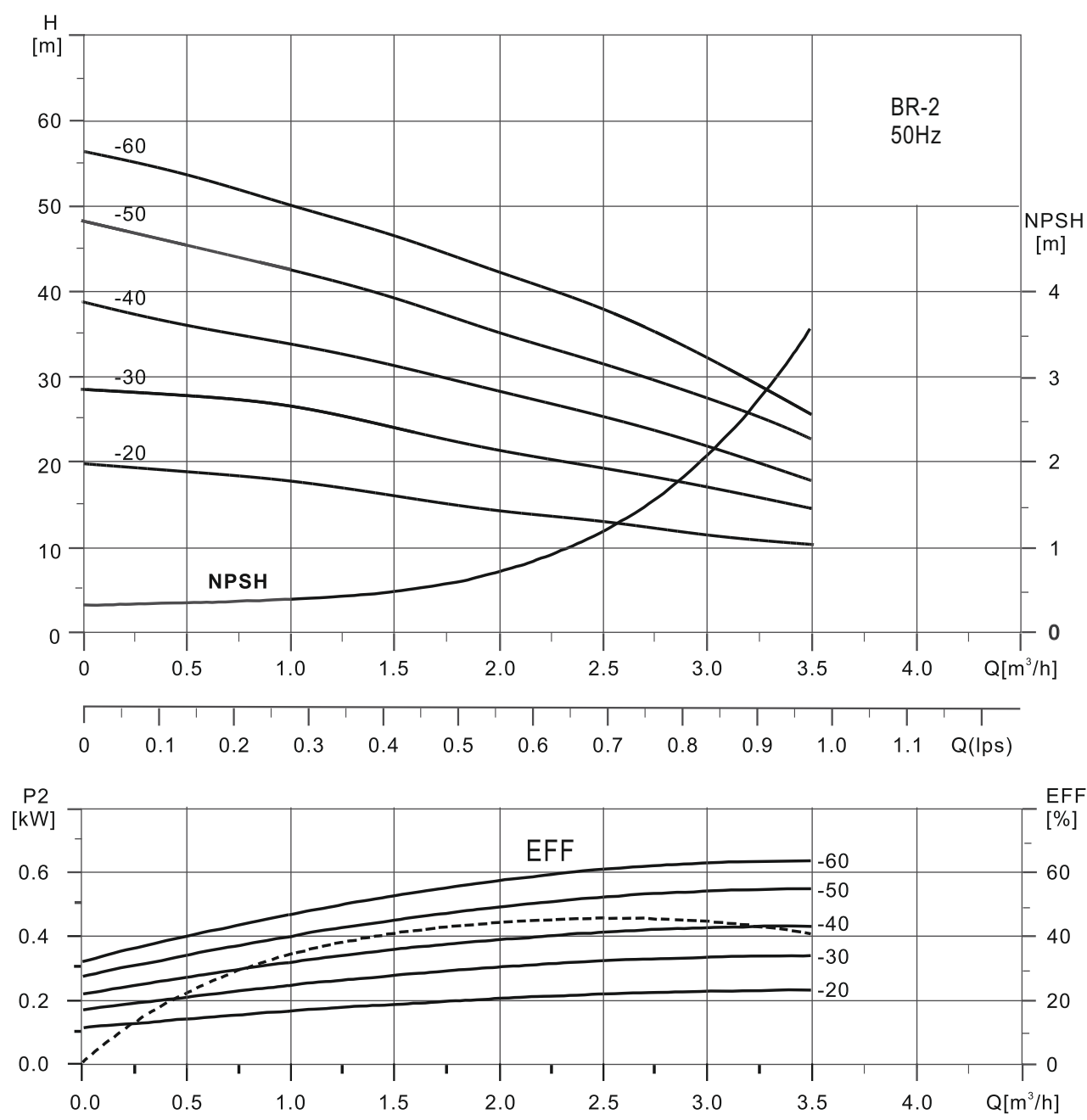
MATERIALS OF CONSTRUCTION

Part Name	BR	BRF	BRD	BRM
Pump Casing	Cast Iron	SS 304	SS 304	SS 304
Pump Head	Cast Iron	SS 304	-	SS 304
Impeller	SS 304	SS 304	SS 304	SS 304
Diffuser Casing	SS 304	SS 304	SS 304	SS 304
Pump Shaft	SS 304	SS 304	SS 304	SS 304
Bracket	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Mechanical Seal	Carbon / Ceramic	Carbon / Ceramic	Carbon / Ceramic	Carbon / Ceramic
Pump Base	M.S / C.I.	M.S / C.I.	M.S / C.I.	M.S / C.T.
Sleeve	SS 304	SS 304	SS 304	SS 304
Clamp Holder	SS 304	-	SS 304	-
Clamp Plate	SS 304	-	SS 304	-

PERFORMANCE CURVES

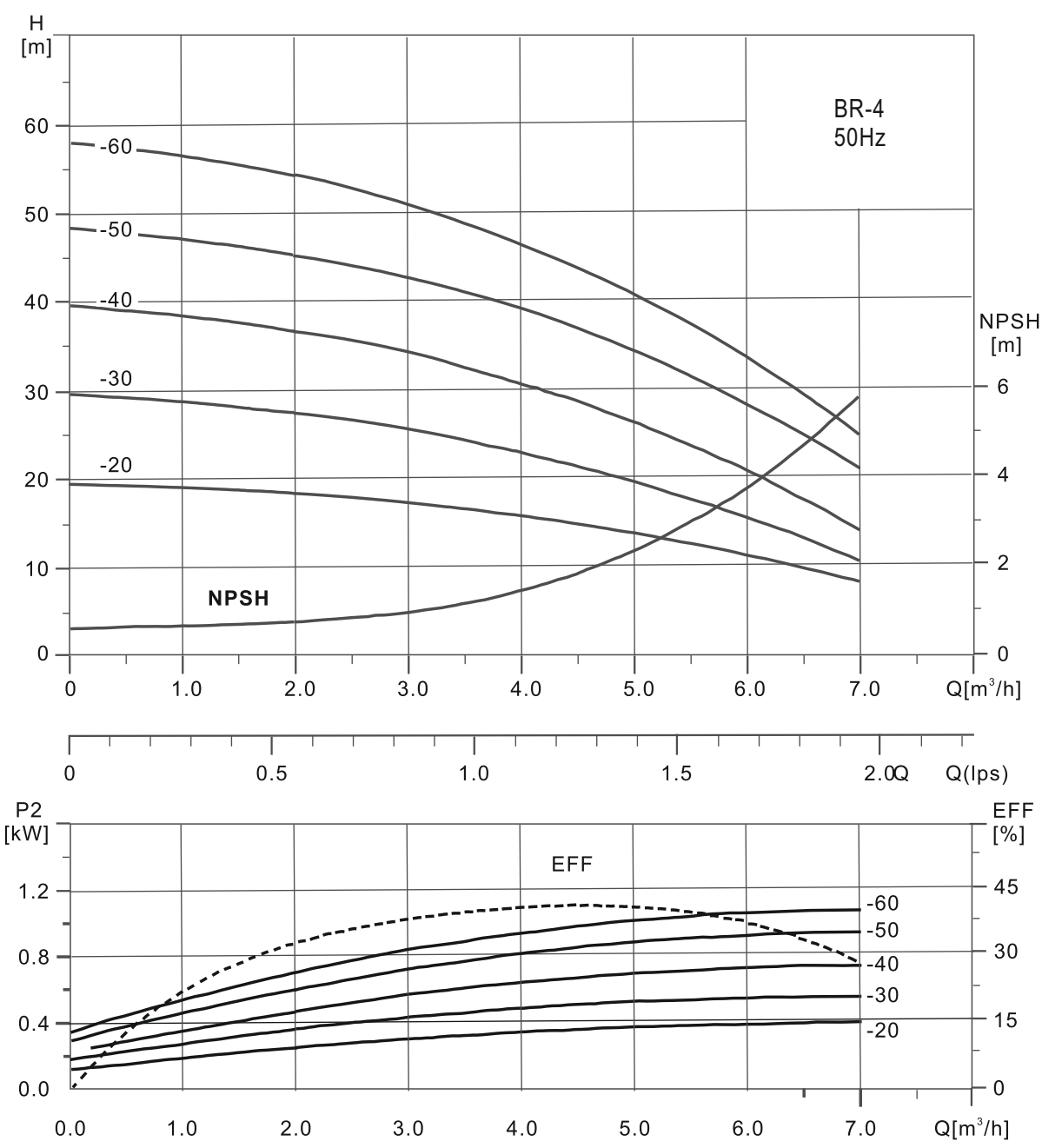
BR Series

PERFORMANCE CURVES



Performance Table

Model		Motor P ₂ (kW)	Q (m³/h)	1.0	1.5	2.0	2.5	3.0	3.5
Single Phase	Three Phase								
BR-2/20S	BR-2/20T	0.37	H (m)	18	16	14	13	11	10
BR-2/30S	BR-2/30T	0.37		27	24	21	20	17	14
BR-2/40S	BR-2/40T	0.55		35	32	28	26	23	17
BR-2/50S	BR-2/50T	0.55		43	40	35	33	28	22
BR-2/60S	BR-2/60T	0.75		50	48	42	38	32	25

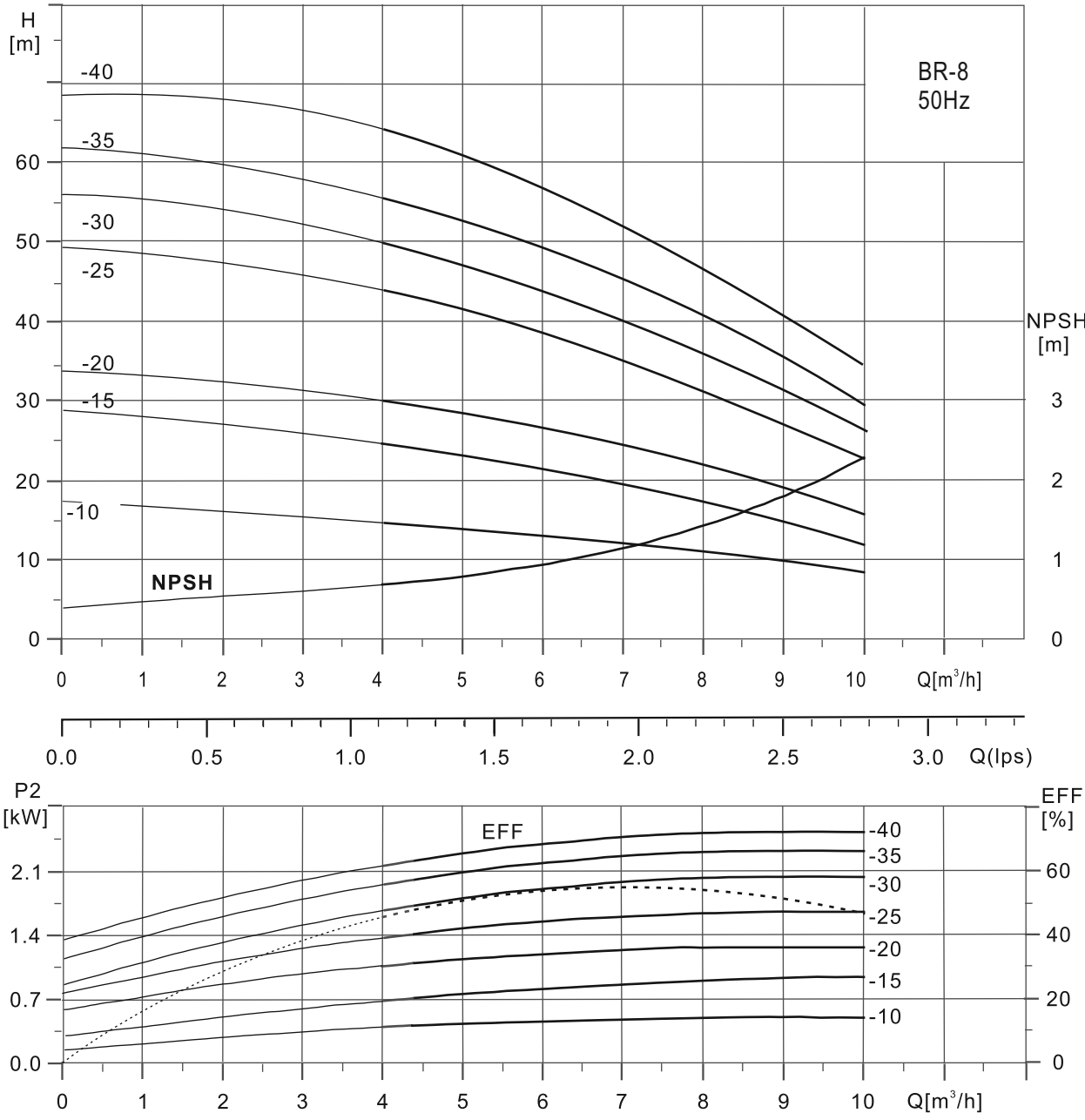


Performance Table

Model		Motor P ₂ (kW)	Q (m³/h)	2.0	3.0	4.0	5.0	6.0	7.0
Single Phase	Three Phase								
BR-4/20S	BR-4/20T	0.55	H (m)	18	16	15	13	10	7
BR-4/30S	BR-4/30T	0.75		27	25	22	19	15	10
BR-4/40S	BR-4/40T	0.75		36	33	30	26	20	13
BR-4/50S	BR-4/50T	1.0		44	41	38	32	26	20
BR-4/60S	BR-4/60T	1.1		53	50	45	40	33	24

PERFORMANCE CURVES

BR Series

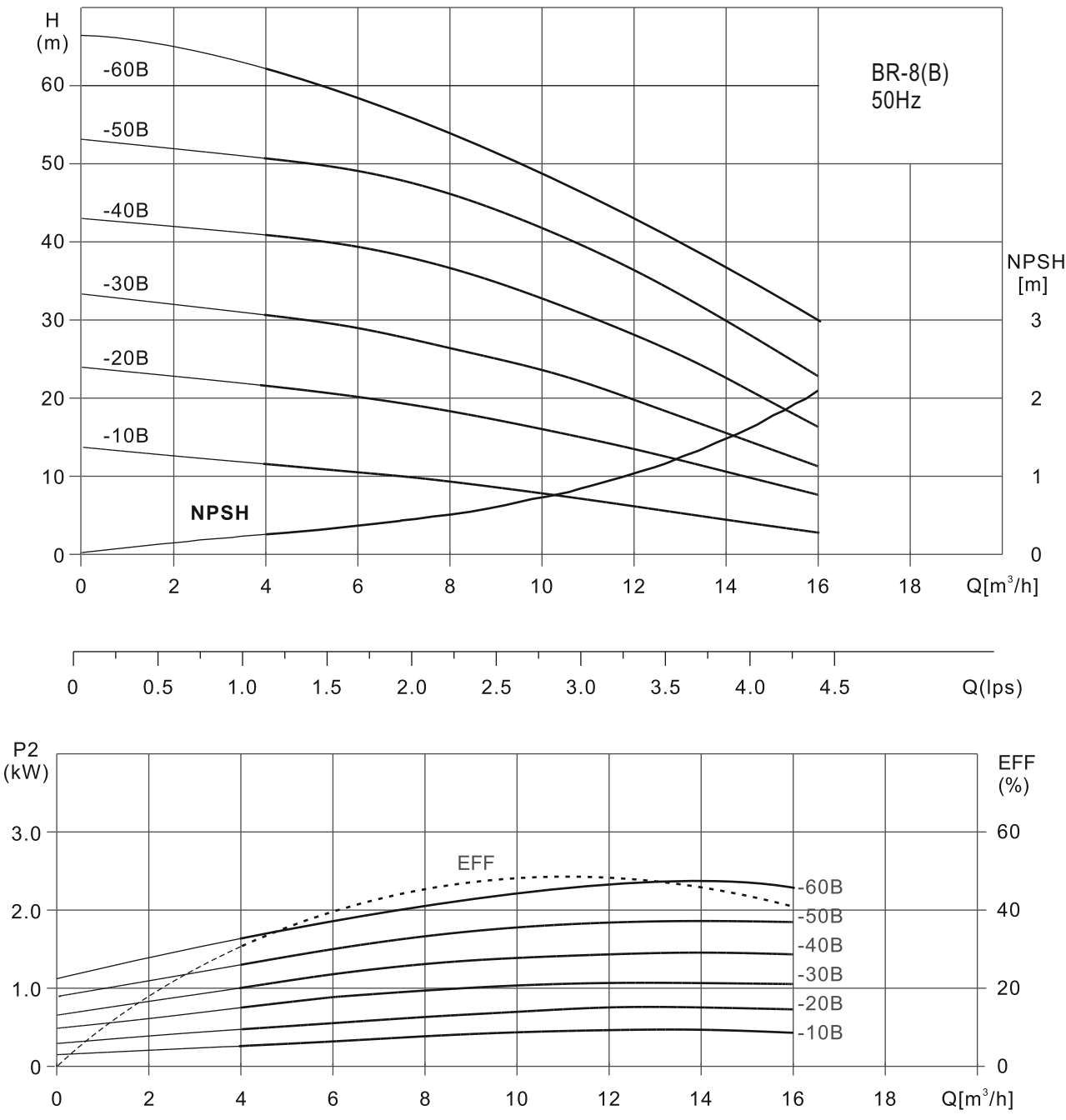


Performance Table

Model		Motor P ₂ (kW)	Q (m³/h)	4.0	5.0	6.0	7.0	8.0	9.0	10
Single Phase	Three Phase									
BR-8/10S	BR-8/10T	0.55	H (m)	15	14	13	12.5	12	9	8
BR-8/15S	BR-8/15T	0.75		25	23	22	21	20	14	12
BR-8/20S	BR-8/20T	1.0		32	29	27	25	24	21	17
BR-8/25S	BR-8/25T	1.5		43	40	38	34	27	25	20
BR-8/30S	BR-8/30T	1.85		50	46	44	40	36	30	26
BR-8/35S	BR-8/35T	2.2		56	51	48	44	43	35	28
BR-8/40S	BR-8/40T	2.2		65	57.5	57	50	48	42	34



PERFORMANCE CURVES

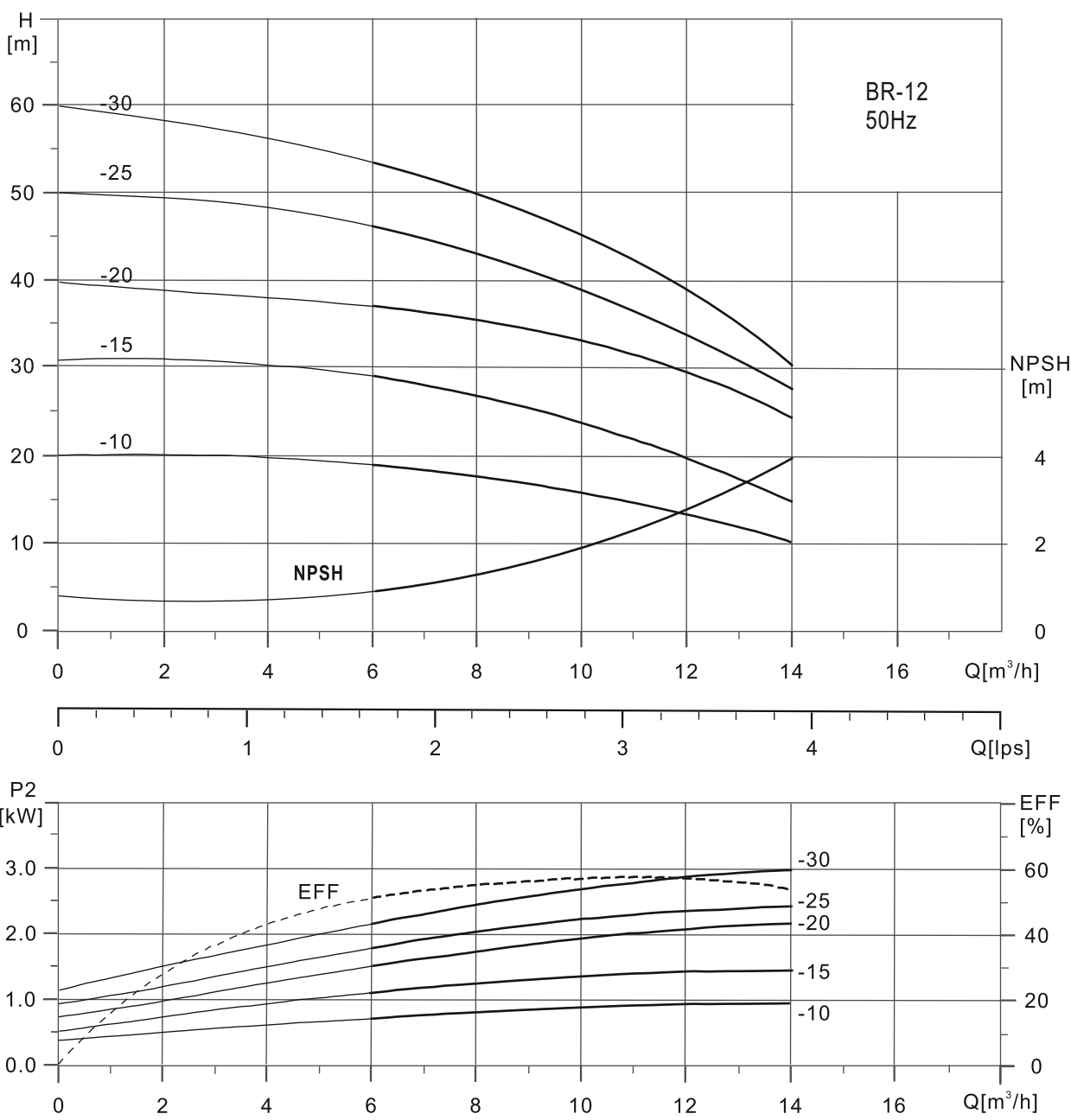


Performance Table

Model		Motor P ₂ (kW)	Q (m³/h)	4.0	6.0	8.0	10	12	14	16
Single Phase	Three Phase									
BR-8/10BS	BR-8/10BT	0.55	H (m)	11	10	9	8	7	6	5
BR-8/20BS	BR-8/20BT	0.75		22	20	19	18	13	11	8
BR-8/30BS	BR-8/30BT	1.1		31	29	26	24	20	16	11
BR-8/40BS	BR-8/40BT	1.5		41	39	37	33	28	23	17
BR-8/50BS	BR-8/50BT	2.2		51	49	46.5	42	37	30	23
	BR-8/60BT	3.0		62	58	52	48	42	36	30

PERFORMANCE CURVES

BR Series

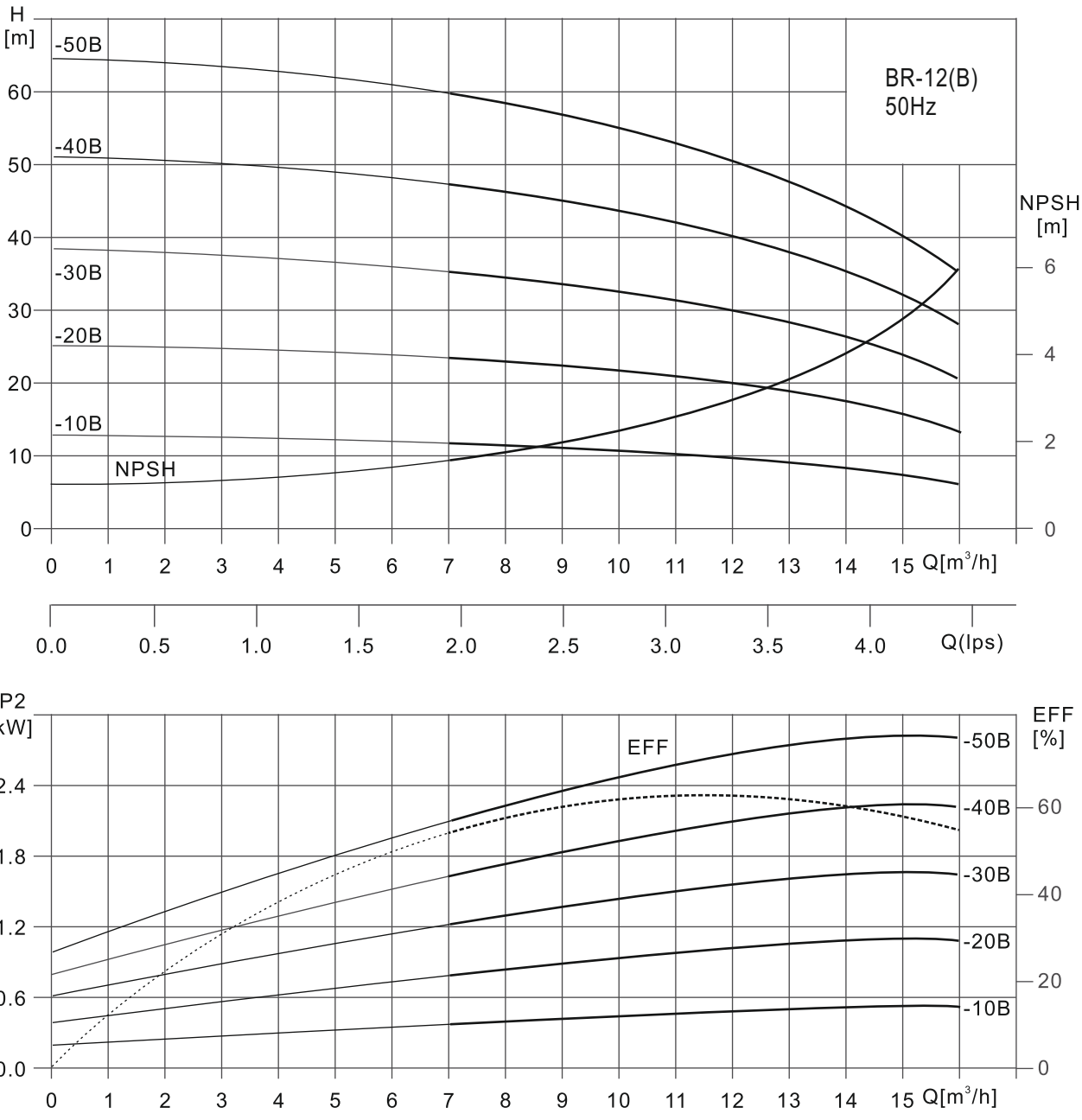


Performance Table

Model		Motor P ₂ (kW)	Q (m³/h)										
Single Phase	Three Phase			6.0	7.0	8.0	9.0	10	11	12	13	14	
BR-12/10S	BR-12/10T	1.0	H (m)	19	18	17.5	16	15.5	14	13.5	12	10.5	
BR-12/15S	BR-12/15T	1.5		28	27	26	25	24	22	20	18	15	
BR-12/20S	BR-12/20T	1.85		38	36	35	32	31	29	28	24	20	
BR-12/25S	BR-12/25T	2.2		47	45	43	41.5	39	36	33.5	30.5	27	
	BR-12/30T	3.0		53.5	52	50	47.5	45	42	39	35	30	

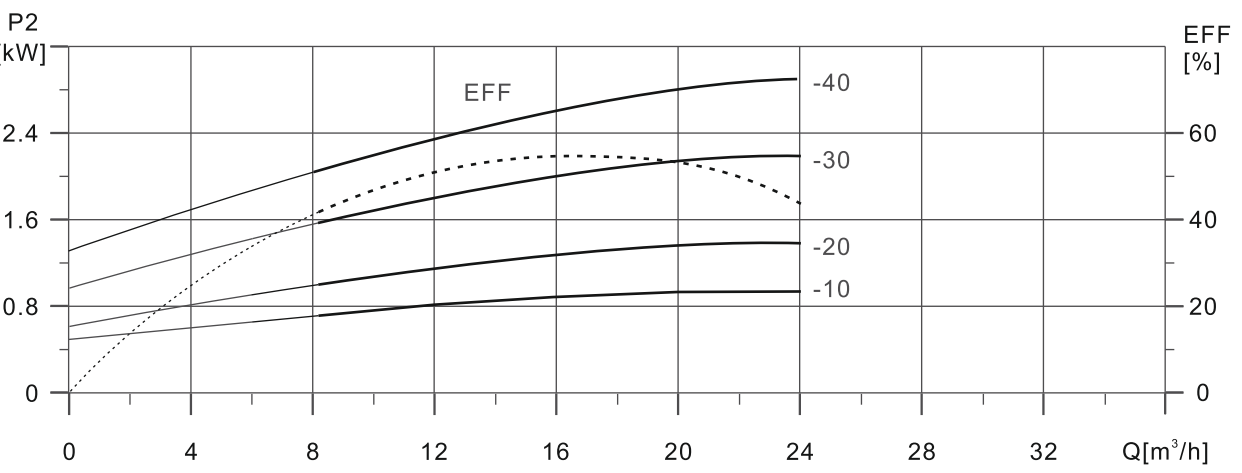
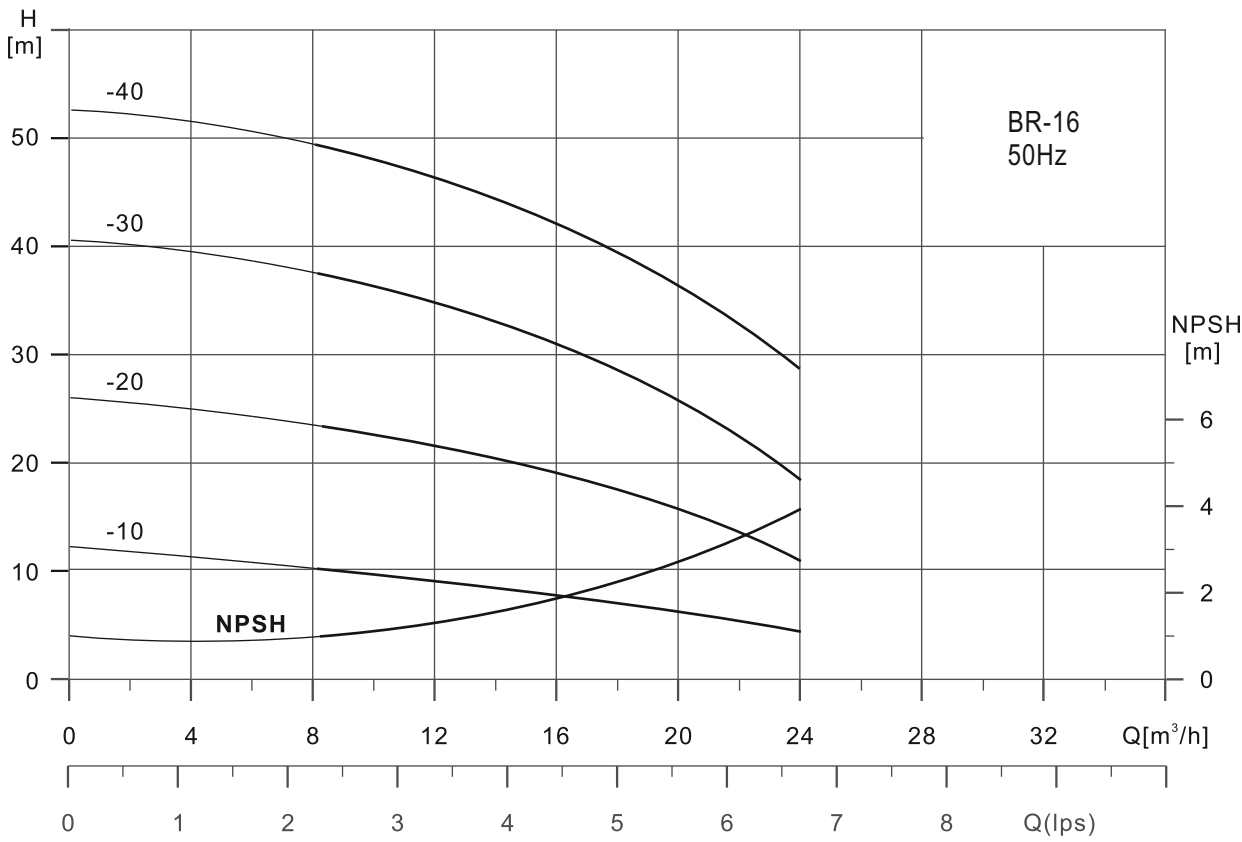


PERFORMANCE CURVES



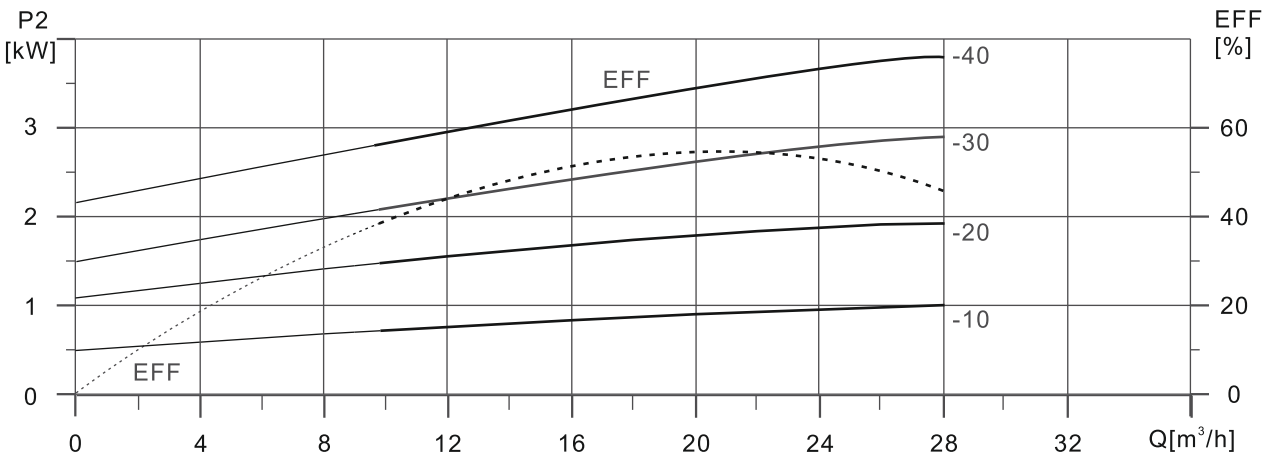
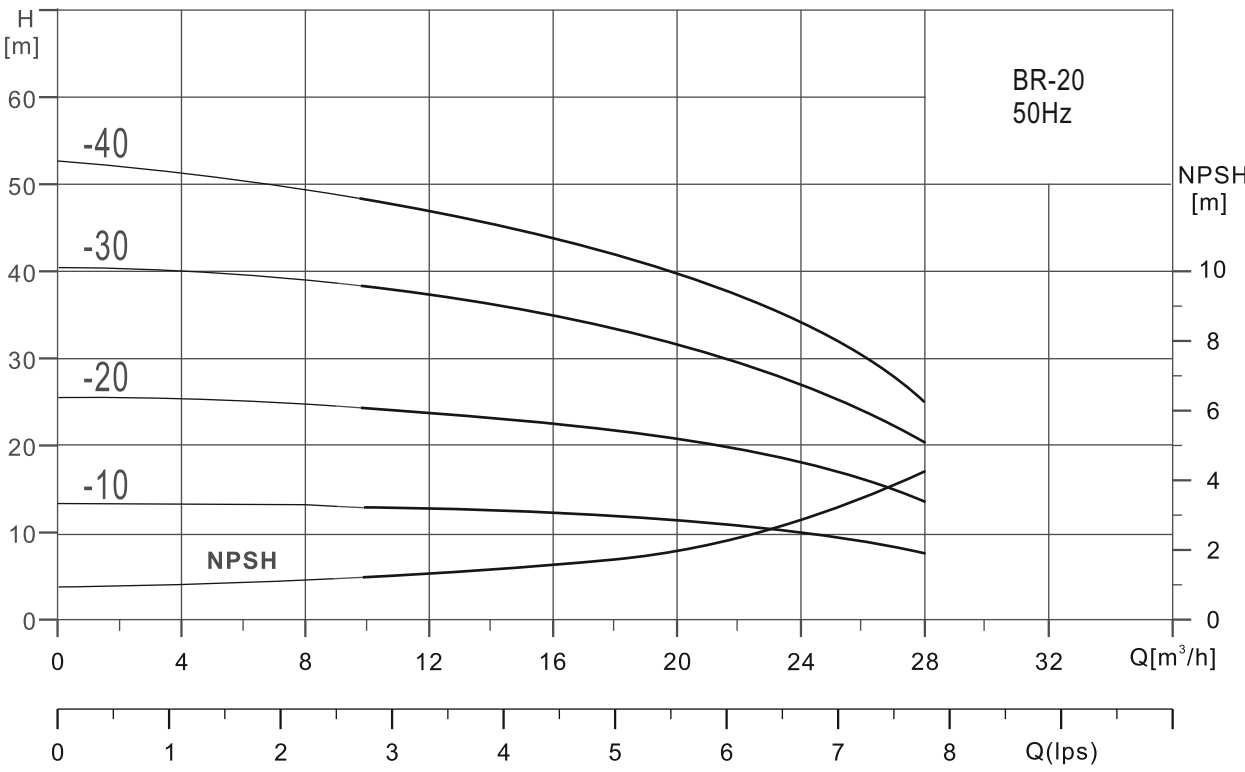
Performance Table

Model		Motor P ₂ (kW)	Q (m³/h)										
Single Phase	Three Phase			7.0	8.0	9.0	10	11	12	13	14	15	16
BR-12/10BS	BR-12/10BT	0.75	H (m)	12	11.5	11	10.5	10	9.5	9	8	7	6
BR-12/20BS	BR-12/20BT	1.1		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
BR-12/30BS	BR-12/30BT	1.85		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
BR-12/40BS	BR-12/40BT	2.2		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
	BR-12/50BT	3.0		60	58	56.5	55	52.5	50	47	44	40	35



Performance Table

Model		Motor P ₂ (kW)	Q (m³/h)	H (m)									
Single Phase	Three Phase			8	10	12	14	16	18	20	22	24	
BR-16/10S	BR-16/10T	1.0	H (m)	12	11.5	11	10.5	10	9	8	7	6	
BR-16/20S	BR-16/20T	1.5		24	23	22	21	20	19	16	14	12	
BR-16/30S	BR-16/30T	2.2		38	36	34	33	30	28	26	23	20	
	BR-16/40T	3.0		50	48	46	44	40	38	36	32	28	



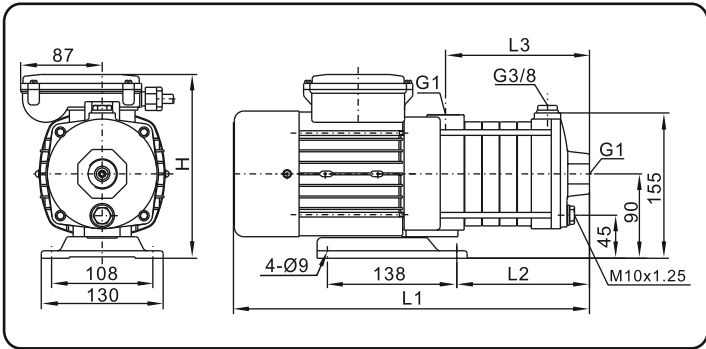
Performance Table

Model		Motor P ₂ (kW)	Q (m³/h)	H (m)									
Single Phase	Three Phase			10	12	14	16	18	20	22	24	26	28
BR-20/10S	BR-20/10T	1.0	H (m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
BR-20/20S	BR-20/20T	1.85		25	24	23	22	21	20	18	16	14	12
	BR-20/30T	3.0		39	38	36	35	33	31.5	30	27	24	21
	BR-20/40T	4.0		50	48	46	44	42	40	36	32	28	24

DIMENSION & WEIGHT DETAILS

BR

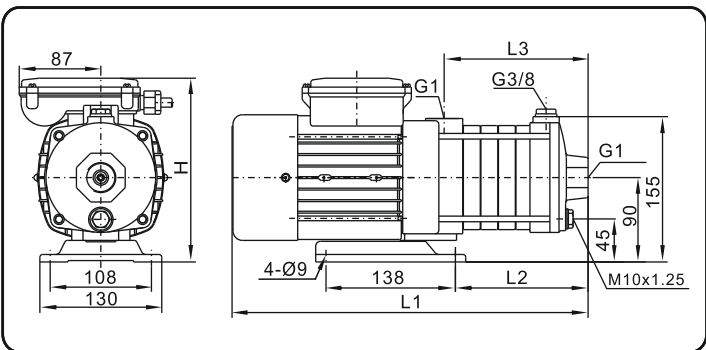
BR-2



Suc. x Del.: 1"x1"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BR-2/20S/T	326	70	104	198	326	70	104	194	8.5
BR-2/30S/T	344	88	122	198	344	88	122	194	9
BR-2/40S/T	362	106	140	198	362	106	140	194	9.5
BR-2/50S/T	380	124	158	198	380	124	158	194	10
BR-2/60S/T	398	142	176	198	398	142	176	194	10.5

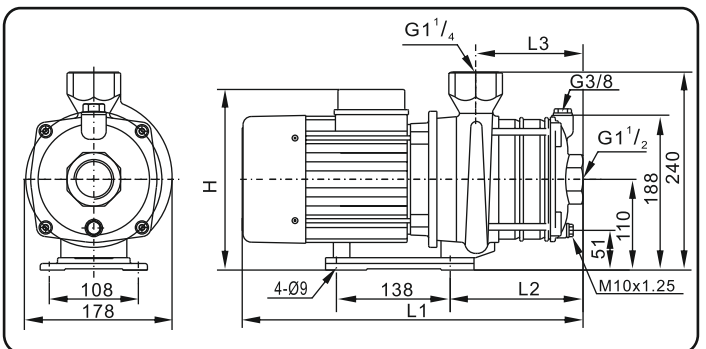
BR-4



Suc. x Del.: 1"x1"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BR-4/20S/T	335	79	113	198	335	79	113	194	9
BR-4/30S/T	362	106	140	198	362	106	140	194	10
BR-4/40S/T	389	133	167	198	389	133	167	194	10.5
BR-4/50S/T	416	160	194	198	416	160	194	194	11
BR-4/60S/T	443	187	221	198	443	187	221	194	12

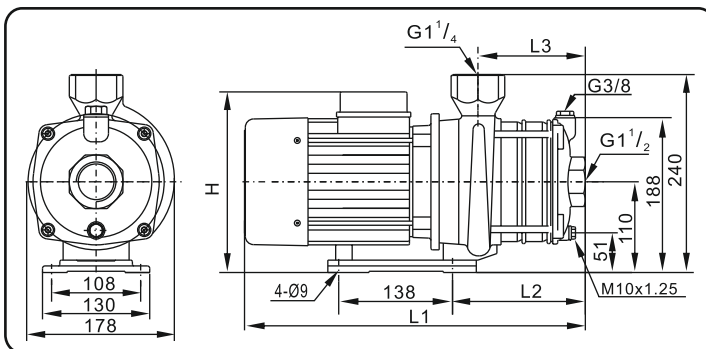
BR-8



Suc. x Del.: 1 1/2"x1 1/4"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BR-8/10S/T	328	73	78	235	328	73	78	214	13
BR-8/15S/T	358	103	108	235	358	703	108	214	15
BR-8/20S/T	358	103	108	235	358	103	108	214	18
BR-8/25S/T	426	133	138	244	426	133	138	222	20
BR-8/30S/T	468	133	138	230	426	133	138	222	25
BR-8/35S/T	500	163	168	230	456	163	168	222	30
BR-8/40S/T	500	163	168	230	456	163	168	222	31

BR-8B

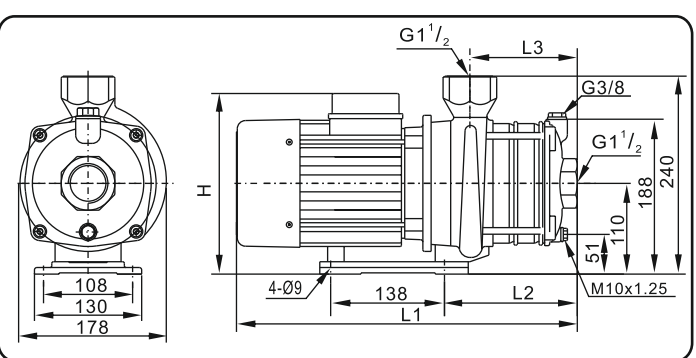


Suc. x Del.: 1 1/2"x1 1/4"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2		H	
BR-8/10BS/T	326	73	78	237	326	73	78	216	14
BR-8/20BS/T	356	103	108	237	356	103	108	216	15
BR-8/30BS/T	416	133	138	246	416	133	138	222	19
BR-8/40BS/T	446	163	168	246	446	163	168	222	20
BR-8/50BS/T	521	193	198	227	476	193	198	222	28
BR-8/60BS/T	—	—	—	—	568	223	228	227	29

DIMENSION & WEIGHT DETAILS

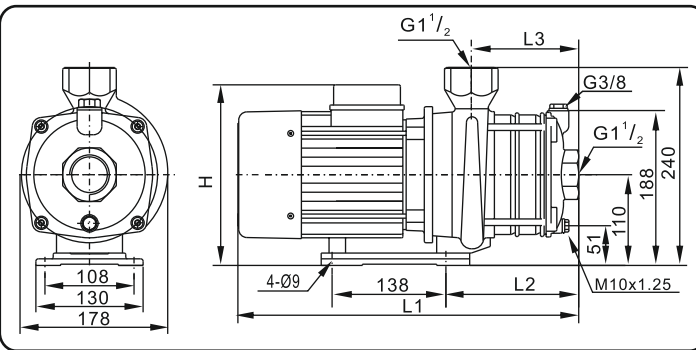
BR-12



Suc. x Del.: 1 1/2"x1 1/2"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BR-12/10S/T	328	73	78	235	328	73	78	214	15
BR-12/15S/T	395	103	108	244	395	103	108	222	18
BR-12/20S/T	436	103	108	230	395	103	108	222	20
BR-12/25S/T	468	133	138	230	426	133	138	222	24
BR-12/30S/T	—	—	—	—	485	133	138	230	27

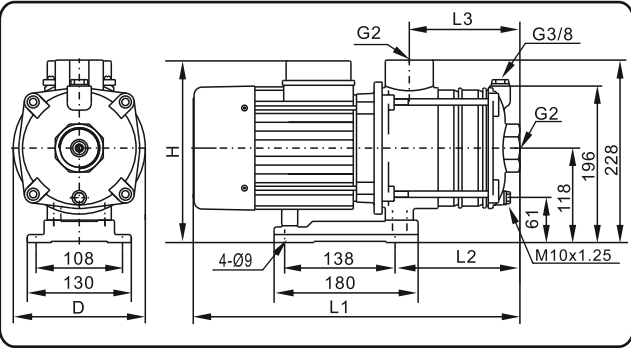
BR-12B



Suc. x Del.: 1 1/2"x1 1/2"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BR-12/10BS/T	330	73	78	237	330	73	78	216	13
BR-12/20BS/T	395	103	108	246	395	103	108	222	15
BR-12/30BS/T	467	133	138	227	425	133	138	222	26
BR-12/40BS/T	497	163	168	227	455	163	168	227	28
BR-12/50BT	—	—	—	—	544	193	198	227	31

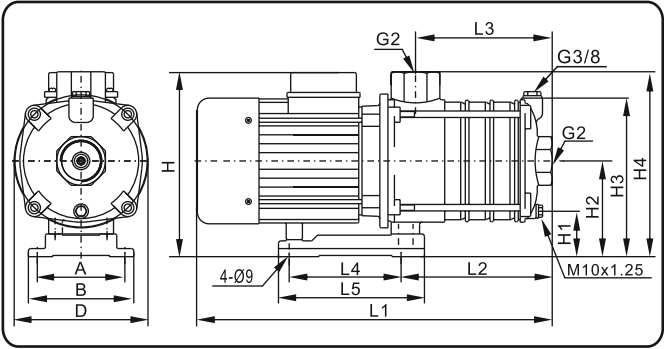
BR-16



Suc. x Del.: 2"x2"

Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	D	L1	L2	L3	H	D	
BR-16/10S/T	325	106	81	244	165	325	106	81	218	165	14
BR-16/20S/T	406	151	126	254	165	406	151	126	228	165	20
BR-16/30S/T	493	196	171	235	176	493	196	171	235	176	27
BR-16/40T	—	—	—	—	—	555	241	216	235	176	30

BR-20



Suc. x Del.: 2"x2"

Model	Dimensions(mm)														Weight (kg)
	L1	L2	L3	L4	L5	H	H1	H2	H3	H4	A	B	D		
BR-20/10S/T	325	106	81	138	180	244	61	118	196	228	108	130	165	16	
BR-20/20S/T	450	151	126	138	180	235	61	118	196	228	108	130	176	26	
BR-20/10S/T	325	106	81	138	180	218	61	118	196	228	108	130	165	15.5	
BR-20/20S/T	406	151	126	138	180	228	61	118	196	228	108	130	165	25.5	
BR-20/30S/T	510	196	171	138	180	235	61	118	196	228	108	130	176	30	
BR-20/40T	575	316	216	140	175	248	43	100	178	210	160	200	195	35	

DIMENSION & WEIGHT DETAILS

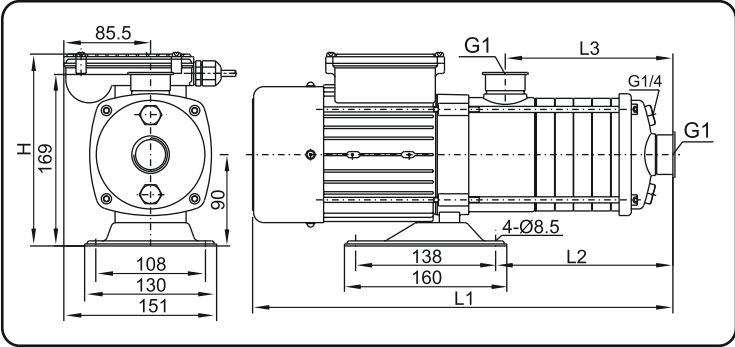
BRF

DIMENSION & WEIGHT DETAILS



BRF-2

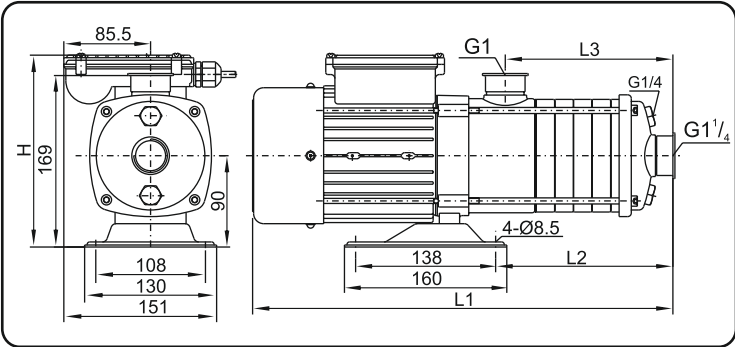
Suc. x Del.: 1”x1”



Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BRF-2/20S/T	342	103	92	189	342	103	92	192	7.5
BRF-2/30S/T	360	121	110	189	360	121	110	192	8
BRF-2/40S/T	378	139	128	189	378	139	128	192	9
BRF-2/50S/T	396	157	146	189	396	157	146	192	10
BRF-2/60S/T	414	175	164	189	414	175	164	192	11

BRF-4

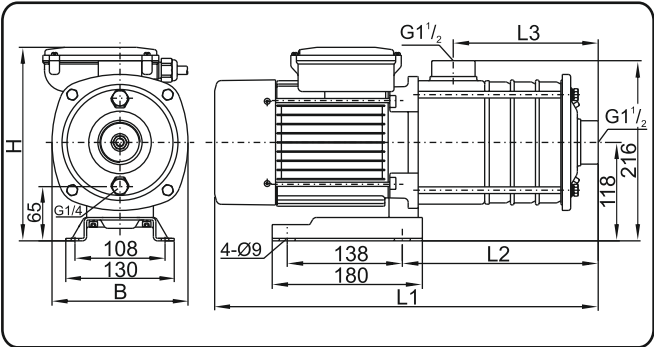
Suc. x Del.: 1¼”x1”



Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BRF-4/20S/T	342	103	92	189	342	103	92	192	9
BRF-4/30S/T	360	121	110	189	360	121	110	192	10
BRF-4/40S/T	378	139	128	189	378	139	128	192	11
BRF-4/50S/T	396	157	146	215	396	157	146	192	12
BRF-4/60S/T	414	175	164	215	414	175	164	192	13

BRF-8

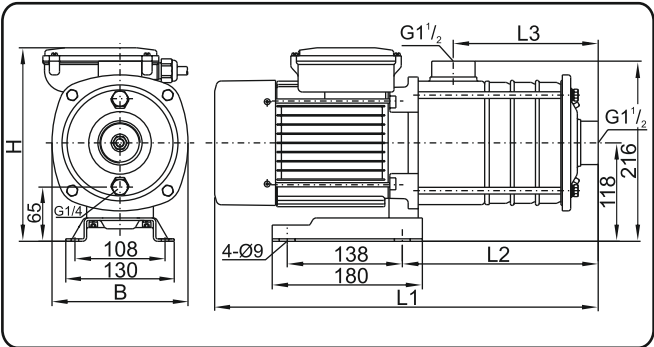
Suc. x Del.: 1½”x1½”



Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	B	L1	L2	L3	H	B	
BRF-8/10S/T	340	144	83	227	163	340	144	83	220	163	13
BRF-8/15S/T	370	175	113	227	163	370	175	113	220	163	15
BRF-8/20S/T	370	175	113	227	163	370	175	113	220	163	18
BRF-8/25S/T	432	205	144	235	163	432	205	144	225	163	20
BRF-8/30S/T	474	205	144	262	168	432	205	144	225	163	25
BRF-8/35S/T	504	235	174	262	168	463	235	174	225	163	26
BRF-8/40S/T	504	235	174	262	168	463	235	174	225	163	28

BRF-8B

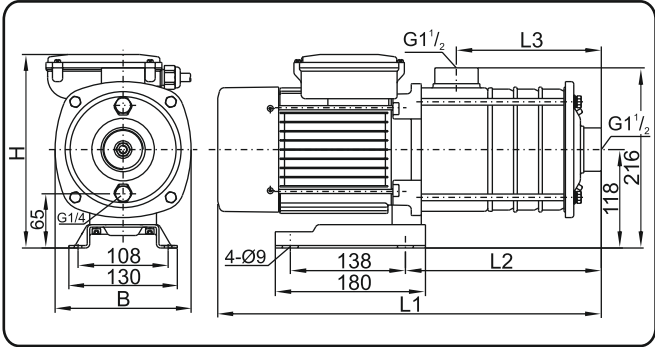
Suc. x Del.: 1½”x1½”



Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	B	L1	L2	L3	H	B	
BRF-8/10BS/T	340	144	83	227	163	340	144	83	220	163	14
BRF-8/20BS/T	370	175	113	227	163	370	175	113	220	163	15
BRF-8/30BS/T	432	205	144	235	163	432	205	144	225	163	19
BRF-8/40BS/T	463	235	174	235	16	463	235	174	225	163	20
BRF-8/50BS/T	534	265	204	262	168	493	265	204	225	163	28
BRF-8/60BT	—	—	—	—	—	584	296	234	230	168	31

BRF-12

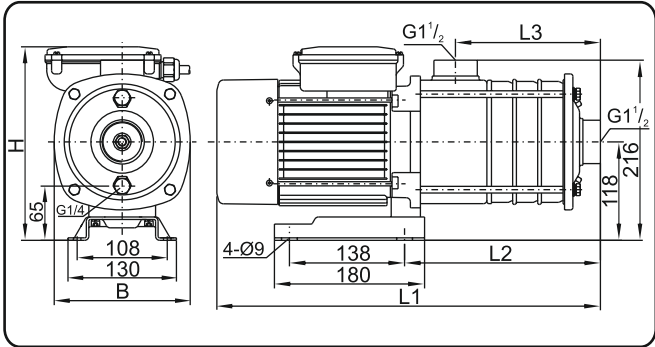
Suc. x Del.: 1½”x1½”



Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	B	L1	L2	L3	H	B	
BRF-12/10S/T	340	144	83	227	163	340	144	83	220	163	14
BRF-12/15S/T	402	175	113	235	163	402	175	113	225	163	16
BRF-12/20S/T	444	175	113	262	168	444	175	113	225	163	24
BRF-12/25S/T	474	205	144	262	168	474	205	144	225	163	26
BRF-12/30T	—	—	—	—	—	494	205	144	230	168	28

BRF-12B

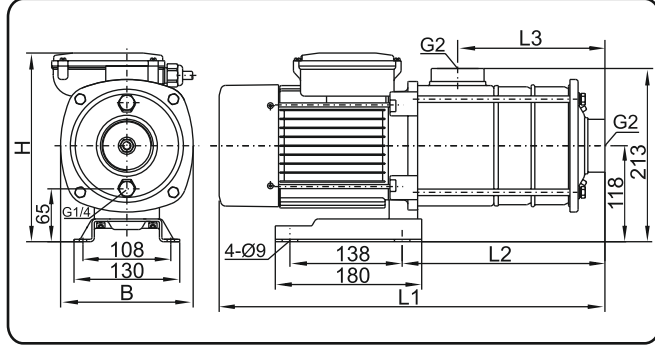
Suc. x Del.: 1½”x1½”



Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	B	L1	L2	L3	H	B	
BRF-12/10BS/T	340	144	83	227	163	340	144	83	220	163	13
BRF-12/20BS/T	402	175	113	235	163	402	175	113	225	163	15
BRF-12/30BS/T	474	205	144	262	168	432	205	144	225	168	26
BRF-12/40BS/T	504	235	174	262	168	462	235	174	225	168	28
BRF-12/50BT	—	—	—	—	—	554	265	204	230	168	31

BRF-16

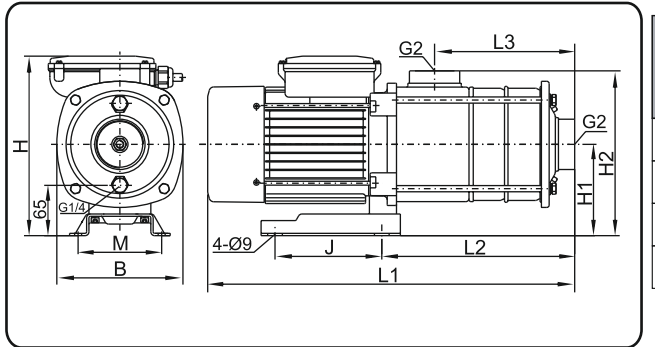
Suc. x Del.: 2”x2”



Model	Dimensions(mm)										Weight (kg)
	Single Phase					Three Phase					
	L1	L2	L3	H	B	L1	L2	L3	H	B	
BRF-16/10S/T	354	158	90	227	163	354	158	90	220	163	13
BRF-16/20S/T	431	204	136	235	163	431	204	136	225	163	19
BRF-16/30S/T	518	249	181	262	168	518	249	181	230	168	26
BRF-16/40T	—	—	—	—	—	563	294	226	230	168	29

BRF-20

Suc. x Del.: 2”x2”

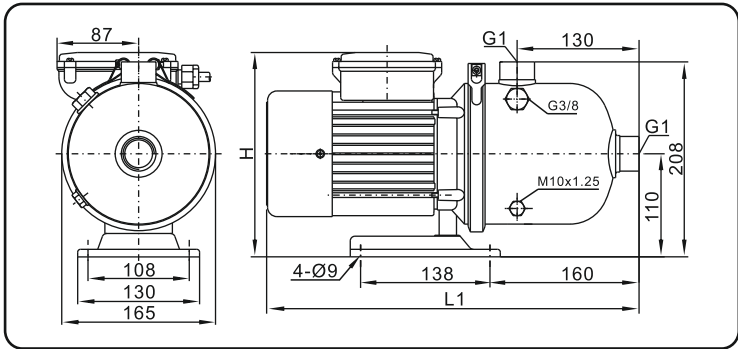


Model	Dimensions(mm)												Weight (kg)
	L2	L3	M	J	H1	H2	Single Phase			Three Phase			
							H	L1	B	H	L1	B	
RF-20/10S/T	158	90	108	138	118	213	245	354	163	220	354	163	15
RF-20/20S/T	204	136	108	138	118	213	262	472	168	225	431	163	25
RF-20/30T	249	181	108	138	118	213	-	-	-	230	538	168	29
RF-20/40T	338	226	190	140	132	227	-	-	-	279	602	190	34

DIMENSION & WEIGHT DETAILS

BRD

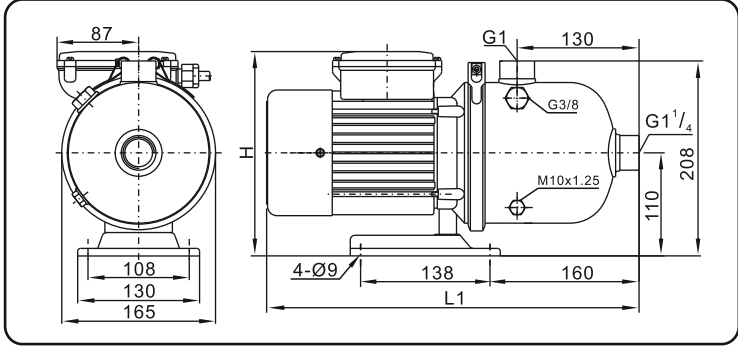
BRD-2



Suc. x Del.: 1"x1"

Model	Dimensions(mm)				Weight (kg)
	Single Phase		Three Phase		
	L1	H	L1	H	
BRD-2/20S/T	400	217	400	214	8
BRD-2/30S/T	400	217	400	214	8.5
BRD-2/40S/T	400	217	400	214	9.5
BRD-2/50S/T	400	217	400	214	11
BRD-2/60S/T	400	217	400	214	12

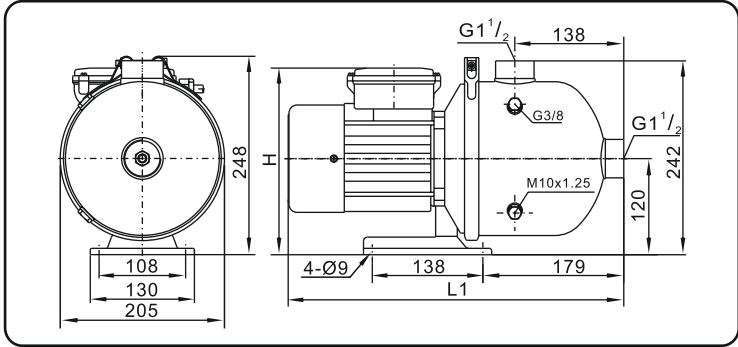
BRD-4



Suc. x Del.: 1/4"x1"

Model	Dimensions(mm)				Weight (kg)
	Single Phase		Three Phase		
	L1	H	L1	H	
BRD-4/20S/T	400	217	400	214	9.7
BRD-4/30S/T	400	217	400	214	11
BRD-4/40S/T	400	217	400	214	11.5
BRD-4/50S/T	400	217	400	214	12.5
BRD-4/60S/T	400	217	400	214	13.5

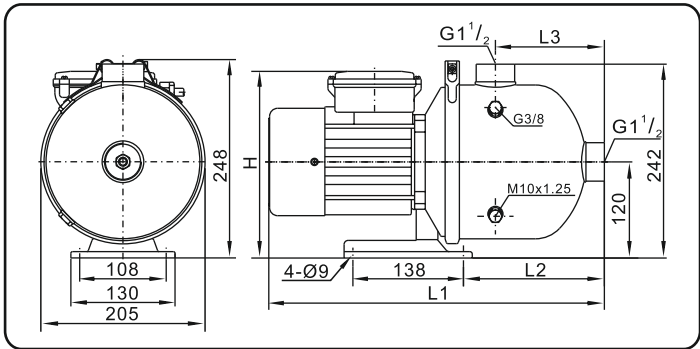
BRD-8



Suc. x Del.: 1 1/2"x1 1/2"

Model	Dimensions(mm)				Weight (kg)
	Single Phase		Three Phase		
	L1	H	L1	H	
BRD-8/10S/T	424	227	424	222	10.5
BRD-8/15S/T	424	227	424	222	12
BRD-8/20S/T	424	227	424	222	14
BRD-8/25S/T	459	235	459	232	17
BRD-8/30S/T	500	239	459	232	21.5
BRD-8/35S/T	500	239	459	232	23
BRD-8/40S/T	500	239	459	232	24

BRD-8B



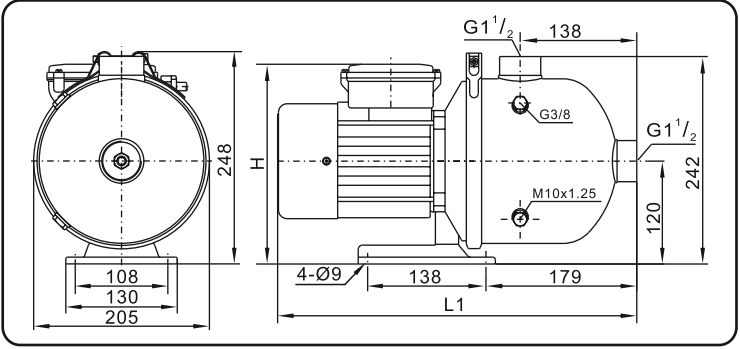
Suc. x Del.: 1 1/2"x1 1/2"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BRD-8/10BS/T	425	180	139	227	425	180	139	224	10
BRD-8/20BS/T	425	180	139	227	425	180	139	224	11.5
BRD-8/30BS/T	455	180	139	235	455	180	139	232	13
BRD-8/40BS/T	455	180	139	235	455	180	139	232	16
BRD-8/50BS/T	566	246	205	239	521	246	205	232	25

DIMENSION & WEIGHT DETAILS



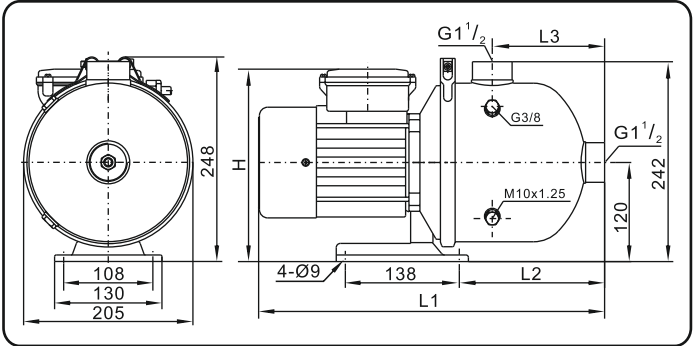
BRD-12



Suc. x Del.: 1 1/2"x1 1/2"

Model	Dimensions(mm)				Weight (kg)
	Single Phase		Three Phase		
	L1	H	L1	H	
BRD-12/10S/T	424	227	425	222	12
BRD-12/15S/T	459	235	459	232	13.5
BRD-12/20S/T	500	239	459	232	21
BRD-12/25S/T	500	239	459	232	24
BRD-12/30T	—	—	518	239	27

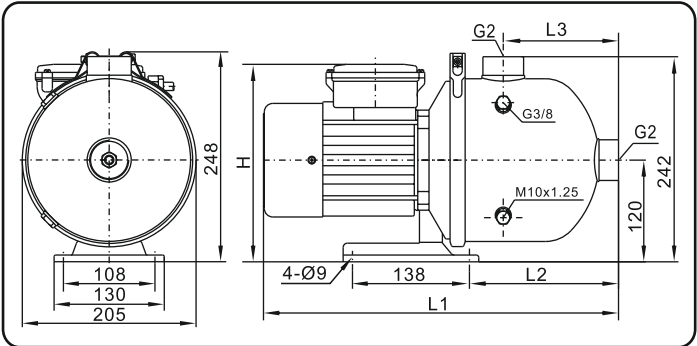
BRD-12B



Suc. x Del.: 1 1/2"x1 1/2"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BRD-12/10BS/T	425	180	139	227	425	180	139	224	11
BRD-12/20BS/T	458	180	139	235	455	180	139	232	13
BRD-12/30BS/T	500	180	139	239	455	180	139	232	23
BRD-12/40BS/T	500	180	139	239	455	180	139	232	24
BRD-12/50BT	—	—	—	—	583	246	205	239	27

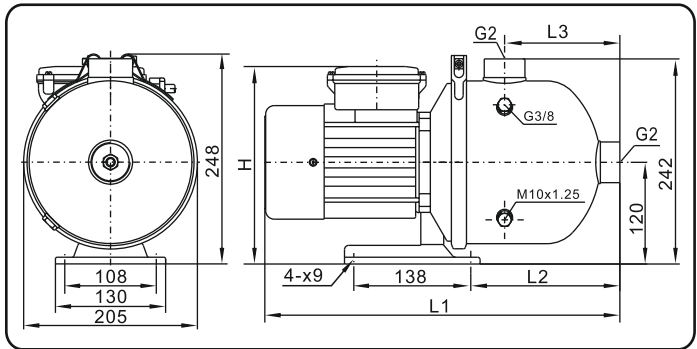
BRD-16



Suc. x Del.: 2"x2"

Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BRD-16/10S/T	425	175	136	245	425	175	136	224	13.5
BRD-16/20S/T	455	175	136	254	455	175	136	232	17
BRD-16/30S/T	520	201	162	239	480	201	162	232	23

BRD-20



Suc. x Del.: 2"x2"

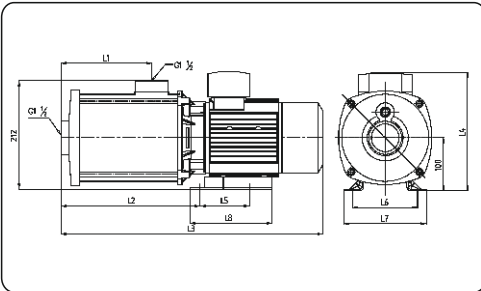
Model	Dimensions(mm)								Weight (kg)
	Single Phase				Three Phase				
	L1	L2	L3	H	L1	L2	L3	H	
BRD-20/10S/T	425	175	136	245	425	175	136	224	20
BRD-20/20S/T	498	175	136	239	455	175	136	232	22
BRD-20/30T	—	—	—	—	540	201	162	239	25

DIMENSION & WEIGHT DETAILS

BRM

BRM - 8

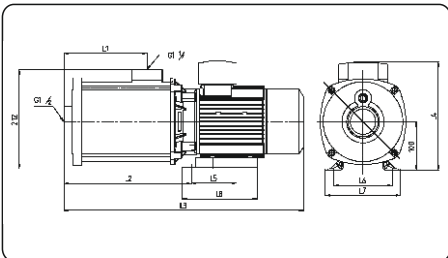
Suc. x Del.: 1½"x1½"



Model	Dimensions(mm)																Weight (kg)
	Three phase								Single phase								
	L1	L2	L3	L4	L5	L6	L7	L8	L1	L2	L3	L4	L5	L6	L7	L8	
BRM 8-10	102	200	432	225	96	126	160	160	102	200	432	225	96	126	160	160	13.3
BRM 8-20	102	200	432	225	96	126	160	160	102	200	432	225	96	126	160	160	15.3
BRM 8-30	102	200	432	225	96	126	160	160	102	200	432	225	96	126	160	160	17.4
BRM 8-40	132	230	462	225	96	126	160	160	132	230	505	245	140	160	195	170	20.4
BRM 8-60	162	260	492	225	96	126	160	160	162	260	535	245	140	160	195	170	25
BRM 8-70	192	290	565	245	140	160	195	170	192	290	565	245	140	160	195	170	25.3

BRM - 12

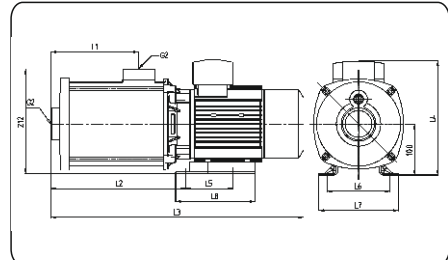
Suc. x Del.: 1½"x1½"



Model	Dimensions(mm)																Weight (kg)
	Three phase								Single phase								
	L1	L2	L3	L4	L5	L6	L7	L8	L1	L2	L3	L4	L5	L6	L7	L8	
BRM 12-10	102	200	432	225	96	126	160	160	102	200	432	225	96	126	160	160	15.3
BRM 12-20	102	200	432	225	96	126	160	160	102	200	432	225	96	126	160	160	16.9
BRM 12-30	102	200	432	225	96	126	160	160	102	200	475	245	140	160	195	170	23.1
BRM 12-40	132	230	505	245	140	160	195	170	132	230	505	245	140	160	195	170	23.9
BRM 12-50	162	260	530	245	140	160	195	170	162	260	535	245	140	160	195	170	29

BRM - 16

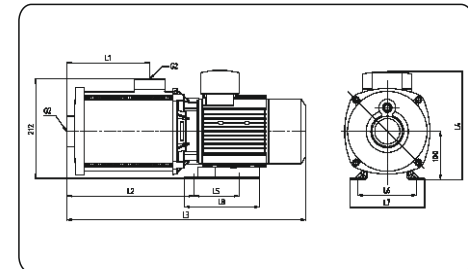
Suc. x Del.: 1½"x1½"



Model	Dimensions(mm)																Weight (kg)
	Three phase								Single phase								
	L1	L2	L3	L4	L5	L6	L7	L8	L1	L2	L3	L4	L5	L6	L7	L8	
BRM 16-10	87	185	416	225	96	126	160	160	87	185	416	225	96	126	160	160	16.3
BRM 16-20	87	185	416	225	96	126	160	160	87	185	460	245	140	160	195	170	23.3
BRM 16-30	132	230	505	245	140	160	195	170	132	230	505	245	140	160	195	170	28
BRM 16-40	177	275	550	245	140	160	195	170									

BRM - 20

Suc. x Del.: 2"x2"



Model	Dimensions(mm)																Weight (kg)	
	Three phase								Single phase									
	L1	L2	L3	L4	L5	L6	L7	L8	L1	L2	L3	L4	L5	L6	L7	L8		
BRM 20-10	87	185	416	225	96	126	160	160	87	185	416	225	96	126	160	160	16.3	
BRM 20-20	87	185	416	225	96	126	160	160	87	185	460	245	140	160	195	170	23.3	
BRM 20-30	132	230	505	245	140	160	195	170	132	230	505	245	140	160	195	170	28	
BRM 20-40	177	275	550	245	140	160	195	170										

XSTREAM SERIES

Automatic Pressure Booster System with VFD



Xstream Series is a compact, constant pressure booster pump system equipped with permanent magnet synchronous motor for water supply and pressure boosting in Residential and small commercial applications. The in-built VFD & Pressure transmitter monitors the required pressure level and regulate the pump speed to deliver constant pressure at all time. It also protects the system from dryrun, over loading unbalanced voltages, short circuit, etc.

Xstream Series Pressure booster system provides complete solution, which is Precisely built-with Pump, Motor, Pressure tank, Controller, Pressure Sensor, Pressure Gauge & Check valve

Features

- High performance insensitive speed drive technology enhances variable speed response, constant flow & pressure and reduces torque chattering.
- Higher Energy Efficiency
- Lower Power Consumption, less than 1W standby power
- Compact design
- Easy to Install and operate
- Maintains constant pressure
- Adjustable output pressure settings
- Digital display to monitor the pump speed, pressure, etc.
- Protects from dry run, over load, unbalanced voltage, short circuit.

Material of Construction

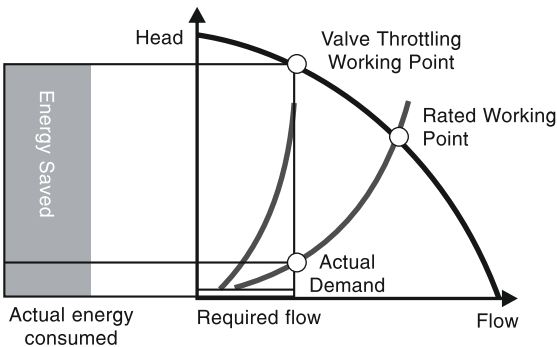
Impeller	SS304
Diffuser	SS304
Pump body	SS304
Shaft	SS304
Mechanical Seal	SiC / Graphite
5 way Connector	SS304

Technical Details

Model	Power	Voltage/Ph	Hmax	Rated Head	Rated Flow	Max Flow	Speed	Pump Size
Xstream 204H	650W	230V - 1Ph	45m	37m	2 m³/h	4.8 m³/h	5000 rpm	1"x1"
Xstream 403	1000W	230V - 1Ph	40m	30m	4 m³/h	6.5 m³/h	3600 rpm	1½" x 1"

Specification

Pressure setting Range	1-9 Bar
Pressure Transmitter	24V, 4-20mA
Ambient Temperature	0~40°C
Liquid Temperature	0~100°C
Head Range	up to 45m
Flow range	up to 6.5
Protection	IP 54



Applications:

Domestic Water supply and pressure boosting, small buildings, Villas, Schools, Garden, etc.



All Wet parts are SS304



EFF2 Motor

Power P _e (kW)	Voltage (V)	Current I _n (A)	Power Factor Cos φ	Efficiency (%)	I _{ST} /I _N
0.37	Δ 220 / Y380	Δ 1.K / Y 1.0	078	700	6.2
0.55	Δ 220 / Y 380	Δ 2.5 / Y 1.5	081	710	6.4
0.75	Δ 220 / Y 380	Δ 3.3 / Y 1.9	082	720	6.5
1.1	Δ 220 / Y 380	Δ 4.6 / Y 2.7	082	765	7.2
1.5	Δ 220 / Y 380	Δ 6.2 / Y 3.6	083	768	7.3
2.2	Δ 220 / Y 380	Δ 8.5 / Y 4.9	084	811	7.5
3.0	Δ 220 / Y 380	Δ 11 5 / Y 6.7	084	815	7.5
4.0	Δ 380 / Y 660	Δ 8.2 / Y 4.7	088	842	7.5
5.5	Δ 380 / Y 660	Δ11 1 / Y 6 4	088	857	81
7.5	Δ 380 / Y 660	Δ 14.9 / Y 8.6	088	870	83
11	Δ 380 / Y 660	Δ 21.2 / Y 12.2	089	884	8.4
15	Δ 380 / Y 660	Δ 28.6 / Y 16.5	089	894	8.5
18.5	Δ 380 / Y 660	Δ 34.7 / Y 20.0	090	900	8.5
22	Δ 380 / Y 660	Δ 41.0 / Y 23.6	090	905	8.4
30	Δ 380 / Y 660	Δ 55.4 / Y 31.9	090	914	7.5
37	Δ 380 / Y 660	Δ 67.9 / Y 39.1	090	920	7.5
45	Δ 380 / Y 660	Δ 82.1 / Y 47.3	090	925	7.5

le2 Motor

Power P _e (kW)	Voltage (V)	Current I _n (A)	Power Factor Cos φ	Efficiency (%)	I _{ST} /I _N
0.75	Δ 220 / Y 380	Δ 3.1 / Y 1.8	0.83	77.6	6.7
1.1	Δ 220 / Y 380	Δ 4.2 / Y 2.4	0.83	82.9	7.4
1.5	Δ 220 / Y 380	Δ 5.6 / Y 3.2	0.84	84.2	7.7
2.2	Δ 220 / Y 380	Δ 7.9 / Y 4.6	0.85	85.7	7.6
3.0	Δ 220 / Y 380	Δ 10.4 / Y 6.0	0.87	86.8	7.6
4.0	Δ 380 / Y 660	Δ 7.9 / Y 4.5	0.88	87.7	7.6
5.5	Δ 380 / Y 660	Δ 10.7 / Y 6.2	0.88	88.7	7.6
7.5	Δ 380 / Y 660	Δ 14.5 / Y 8.3	0.88	89.6	7.3
11	Δ 380 / Y 660	Δ 21.0 / Y 12.1	0.88	90.6	7.4
15	Δ 380 / Y 660	Δ 28.3 / Y 16.3	0.88	91.4	7.6
18.5	Δ 380 / Y 660	Δ 34.8 / Y 20.0	0.88	91.9	7.7
22	Δ 380 / Y 660	Δ 41.2 / Y 23.7	0.88	92.3	7.6
30	Δ 380 / Y 660	Δ 55.8 / Y 32.1	0.88	92.9	7.1
37	Δ 380 / Y 660	Δ 68.4 / Y 39.4	0.88	93.4	7.1
45	Δ 380 / Y 660	Δ 83.0 / Y 47.8	0.88	93.6	7.1
55	Δ 380 / Y 660	Δ 98.5 / Y 56.7	0.90	94.3	8.0
75	Δ 380 / Y 660	Δ 133.7 / Y 77.0	0.90	94.7	7.5
90	Δ 380 / Y 660	Δ 150.9 / Y 92.1	0.90	95.0	7.5
110	Δ 380 / Y 660	Δ 195.1 / Y 112.3	0.90	95.2	7.5