

Close-Coupled General Service Pumps

GM



● Applications

- Water supply
- Cooling water circulation
- Cooling tower
- Building
- Irrigation
- General industry

● Feature

- ✓ Small size, compact and stable construction
- ✓ Back pullout design for easy maintenance
- ✓ Mechanical seal is provided as an standard
- ✓ Easy installation, no aligning as close coupled type
- ✓ Minimized floor space

● Ratings

Capacity	Up to 4 m ³ /min (1,057 US GPM)
Head	Up to 35m (115 ft)
Discharge Pressure	Up to 10 kgf/cm ² (142 PSIG)
Allowable Suction Pressure	Up to 5 kgf/cm ² (71 PSIG)
Revolution 60Hz (50Hz)	1750 min ⁻¹ (1450 min ⁻¹)
Rotation	Clockwise viewed from coupling end
Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Nozzle Rating	KS 10 Kg/ cm ² - FF
Nozzle Location	End Suction : Top Discharge
Seals	Mechanical Seal

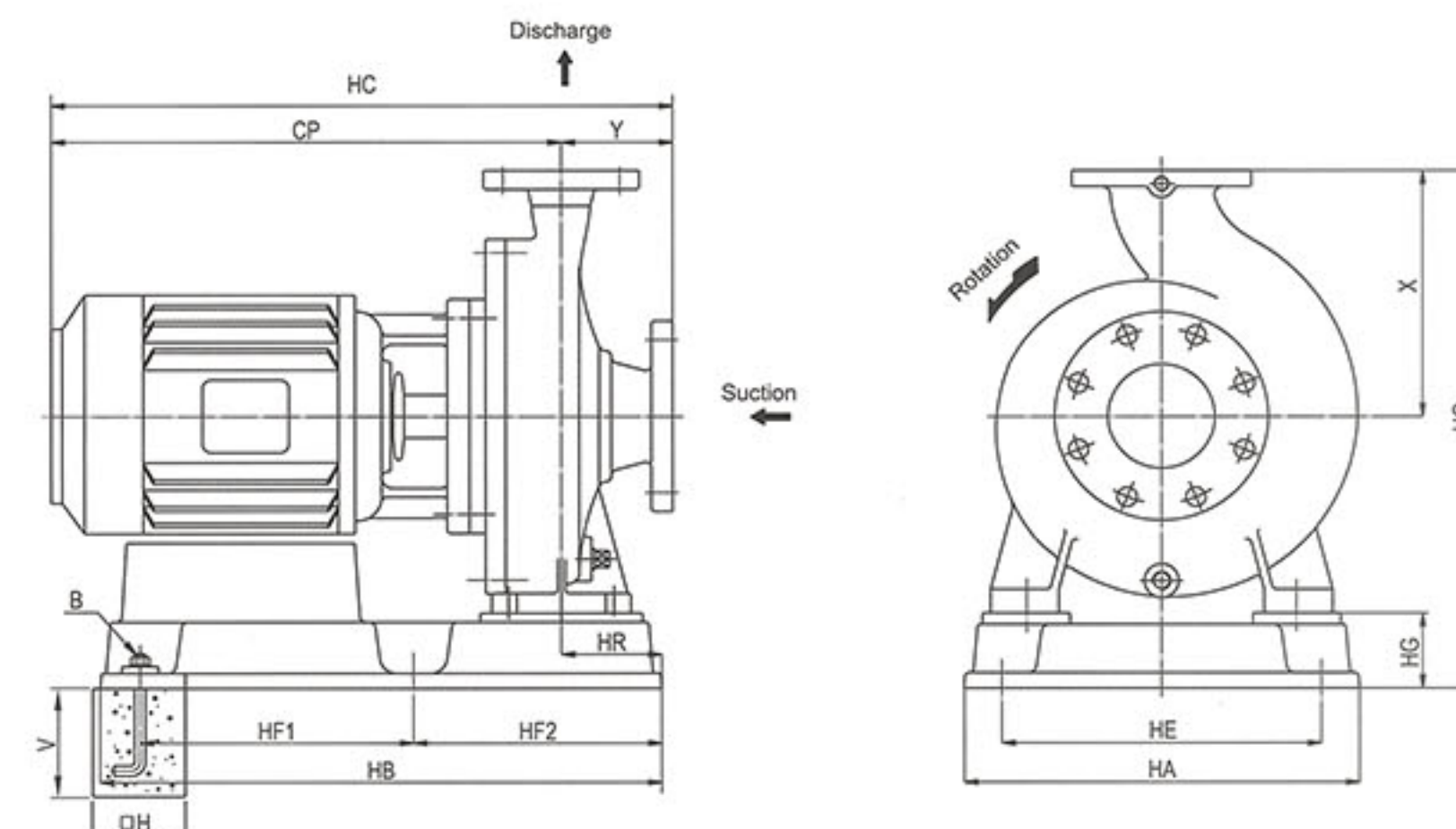


● Specification

Spec Model	POWER	CAPACITY / HEAD					
		CAPACITY (m ³ /min)	HEAD (m)	CAPACITY (m ³ /min)	HEAD (m)	CAPACITY (m ³ /min)	HEAD (m)
GM3220	1.5	0.1	9	0.15	8	0.2	6
	1.5	0.1	13	0.2	12	0.25	10
	2.2	0.1	16.5	0.2	14.5	0.3	12
GM4020	1.5	0.15	12	0.2	11.5	0.3	10
	1.5	0.15	13	0.2	13	0.3	11
	2.2	0.15	17	0.2	15	0.4	12
GM4025	3.7	0.1	18	0.25	17	0.4	13
	3.7	0.1	25	0.3	24	0.45	20
	5.5	0.1	31	0.3	30	0.5	25
GM5020	2.2	0.3	11	0.5	10	0.7	6
	3.7	0.3	19	0.6	16	0.8	12
	5.5	0.3	30	0.6	27	0.8	21
GM5025	3.7	0.3	19	0.6	16	0.75	13
	5.5	0.3	30	0.6	27	0.8	21
GM6525	5.5	0.7	14	0.9	13	1.1	11
	7.5	0.7	18	1.0	16	1.2	14
	11	0.7	25	1.0	23	1.6	19
GM8025	7.5	1.1	18	0.6	15	1.9	13
	11	1.1	25	1.8	21	2.2	16
	15	1	31	1.8	27	2.4	19
GM1025	15	1.6	20	2.5	16	3.0	15
	15	1.6	23	2.5	20	3.2	16
	19	1.6	25	2.5	23	3.5	20
	22	1.6	31	3.0	27	3.8	23

Note: The content of this catalogue is to change without notice.

● Installation Dimension

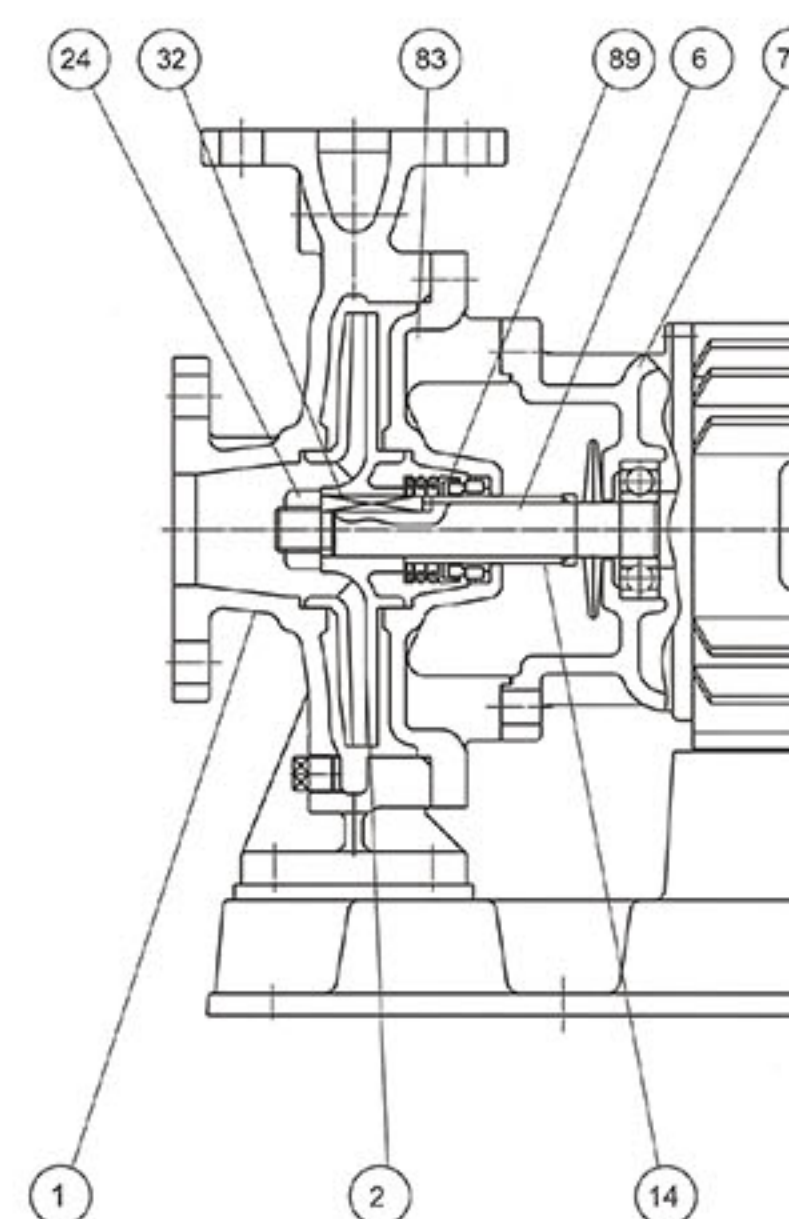


Spec Model	Pump and motor									Baseplate									Anchor Bolt		
	Suc	Dis	Frame	kW	HC	CP	Y	X	E	HP	HF1	HF2	HB	HR	HE	HA	HG	HO	B	H	V
50×32-200	50	32	90L	1.5	452	372	80	180	160	25	200	175	400	75	210	280	60	400	4-M12×160L	130	160
65×40-200	65	40	112S	2.2	488	388	100	180	160	25	225	180	430	75	235	305	60	400	4-M12×160L	130	160
65×40-200	65	40	112S	2.2	537	437	100	225	180	25	245	220	490	88	240	360	60	465	4-M12×160L	130	160
80×50-200	80	50	112M	3.7	518	418	100	200	160	25	225	180	430	75	235	305	60	420	4-M12×160L	130	160
80×50-250	80	50	112M	3.7	567	467	100	225	180	25	245	200	490	88	240	360	60	465	4-M12×160L	130	160
100×65-250	100	65	132M	7.5	661	536	125	250	200	25	285	250	560	105	275	400	60	510	4-M12×160L	130	160
125×80-250	125	80	160M	11	710	585	125	280	225	25	335	250	610	105	320	440	60	565	4-M12×160L	130	160
125×100-250	125	100	160L	15	773	633	140	280	225	25	375	260	660	105	320	440	60	565	4-M12×160L	130	160

Note: *. Dimensions are in mm.

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● Parts List and Materials



NO	Name of part	METERIAL	
1	Casing	GC200	GCD450
2	Impeller	GC200	BC6
6	Shaft	SM45C	SM45C
14	Sleeve	GC200	GC200
23	Baseplate	GC200	GC200
24	Impeller Nut	SS400	SS400
32	Impeller Key	SM45C	SM45C
71	Adapter	GC200	GC200
83	Stuffing Box	GC200	GCD450
89	Mechanical Seal	-	-

Note: *. Other Materials are available on request

● Standard Mechanical Seal

Bellcup type Mono spring type with packing box structure with DIN standard dimensions is used as a standard, so it is safe for foreign matter, has a long life and is simple in structure and easy to handle.

