

# Double Suction Axial Split Pumps

# GD



## Applications

- 취수, 급수, 정수용 Water supply
- 냉각수 순환용 Cooling water circulation
- 냉각탑용 Cooling tower
- 건물용 Building
- 농업용 Irrigation
- 일반 산업용 General industry
- 소화설비용 Fire-fighting

## Feature

- ☑ 폭넓은 적용 범위의 완전 표준화  
Completely standardization for wide application
- ☑ ISO2858에 따른 최대의 호환성  
Compliance with ISO2858 for high interchangeability
- ☑ 높은 효율과 낮은 NPSHr.  
Good efficiency and low NPSHr.
- ☑ 배관분해가 필요없는 간편한 유지보수를 위한 상하 분할형  
Axial split casing construction for easy maintenance without disturbing piping

## Ratings

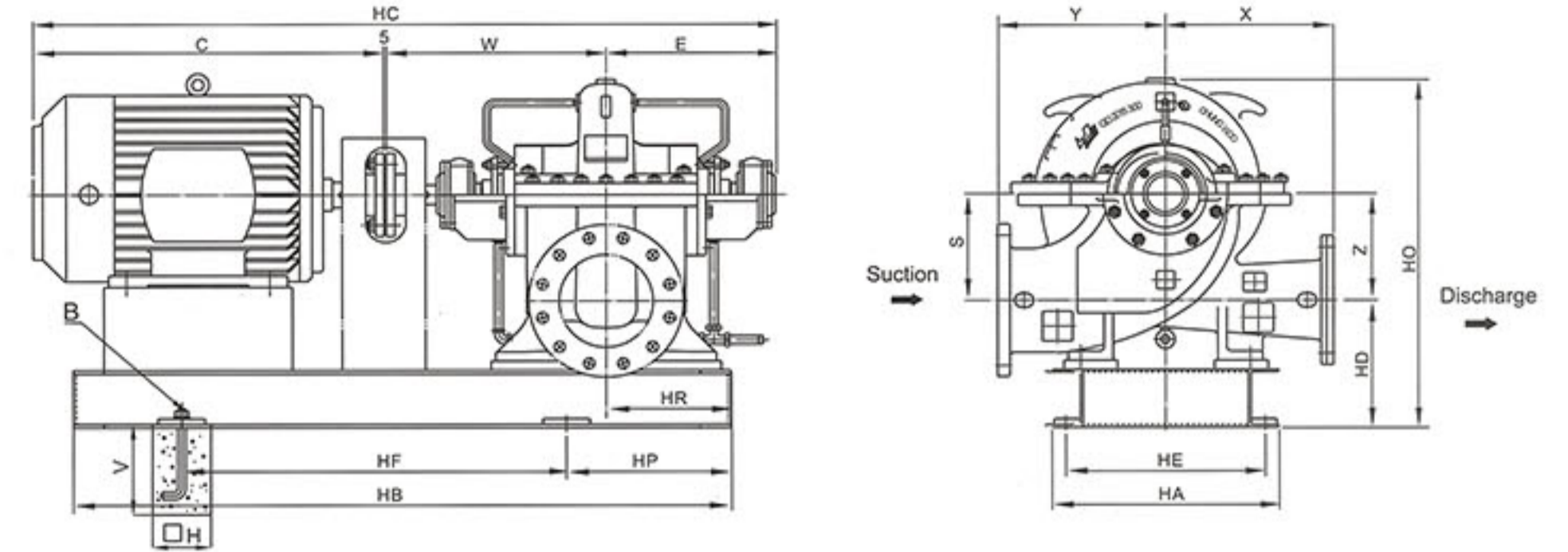
Capacity	3~18 m <sup>3</sup> /min (792 ~ 4,755 US GPM)
Head	Up to 70m (229ft)
Discharge Pressure	Up to 10 kgf/cm <sup>2</sup> (142 PSIG)
Allowable Suction Pressure	Up to 5 kgf/cm <sup>2</sup> (71 PSIG)
Revolution 60Hz (50Hz)	1750 min <sup>-1</sup> (1180min <sup>-1</sup> )
Rotation 4P (6P)	CW or CCW
Temperature	-20°C~135°C (-4°F~275°F)
Nozzle Rating	KS 10 Kgf / cm <sup>2</sup> - FF
Nozzle Location	Side Suction : Side Discharge
Seals	Conventional Packing or Mechanical Seal

## Specification

구분 규격	POWER	CAPACITY / HEAD					
		유량 (m <sup>3</sup> /min)	양정 (m)	유량 (m <sup>3</sup> /min)	양정 (m)	유량 (m <sup>3</sup> /min)	양정 (m)
GD2015-300	30	3.0	29	4.5	24	6.0	13
	30	3.0	31	4.5	25	6.0	15
	37	3.0	35	4.5	30	6.0	21
	45	3.0	43	5.0	38	6.5	27
GD2015-430	45	3.0	46	4.5	41	5.5	34
	55	3.0	53	4.5	48	6.0	37
	75	3.0	65	5.0	59	6.5	47
GD2520-300	55	5.0	27	8.0	21	10.5	13
	55	5.0	30	8.0	25	11.0	14
	75	5.0	38	9.0	29	12.0	18
GD2520-430	90	5.0	40	8.0	34	11.0	20
	90	5.0	46	8.0	41	11.0	30
	110	5.0	53	9.0	47	12.0	32
	132	5.0	61	10	50	12.5	39
GD3025-300	150	5.0	69	10	60	13.0	47
	75	7.5	25	9.0	22	11	16
	75	8.0	32	10	28	12	20
	90	8.5	38	11	32	13.5	25
GD3025-430	110	9.0	42	12	37	14.0	28
	132	10	47	13	39	15	30
	132	10	50	13	42	16	28
GD3025-430	150	10	53	14	43	17	30
	190	10	61	14	55	18	35

참고: \*. 이 카탈로그의 내용은 예고없이 변경 될 수 있습니다.

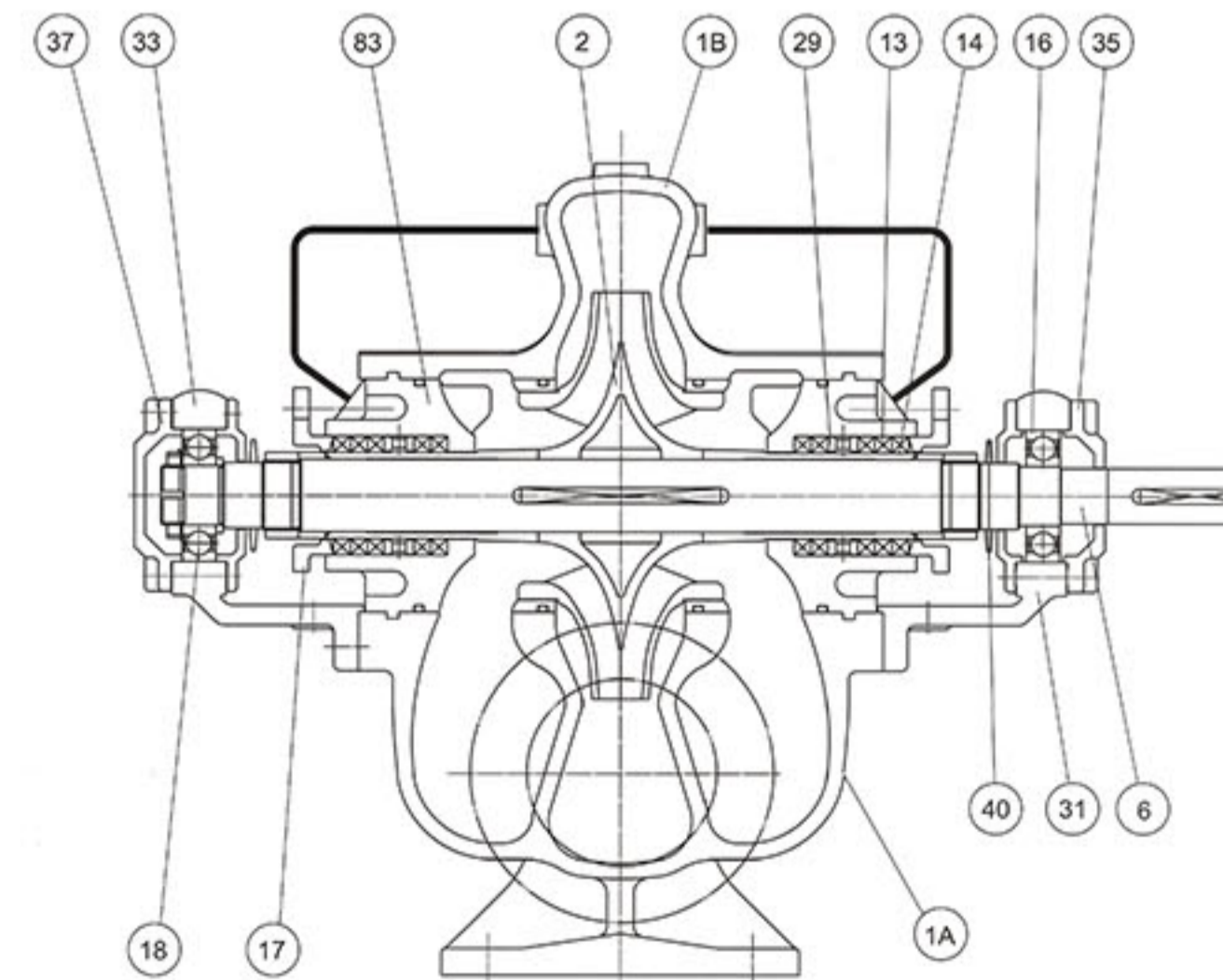
## Installation Dimension



구분 규격	Pump and motor												Baseplate						Anchor Bolt				
	Suc	Dis	Frame	kW	HC	C	W	E	Y	X	HO	S	Z	HR	HP	HF	HB	HE	HA	HD	B	H	V
200×150-300	200	150	200L	37	620	747	488	380	356	356	755	230	230	270	230	940	1400	430	480	275	4-M20×315L	150	315
200×150-430	200	150	225M	55	1774	842	517	410	410	356	817	230	230	270	250	1000	1500	430	480	275	4-M20×315L	150	315
250×200-300	250	200	250M	75	1961	894	586	476	432	356	817	216	216	305	270	1060	1600	470	530	324	4-M20×315L	150	315
250×200-430	250	200	280M	110	2132	1065	586	476	457	410	955	254	254	305	300	1200	1800	540	600	351	4-M20×315L	150	315
300×250-300	300	250	280S	93	2163	1014	627	517	483	410	905	254	254	325	300	1200	1800	540	600	351	4-M20×315L	150	315
300×250-430	300	250	280L	150	2303	1154	627	517	508	517	991	280	280	325	340	1320	2000	540	600	360	4-M24×400L	150	400

참고: \*. 단위: mm / 이 카탈로그의 내용은 예고없이 변경 될 수 있습니다.

## Parts List and Materials



NO	Name of part	METERIAL
1A	Lower Casing	GC200
1B	Upper Casing	GC200
2	Impeller	GC200 BC6
6	Shaft	SM45C
13	Packing	TEFLON
14	Shaft Sleeve	GC200
16	Inboard Bearing	STEEL
17	Packing Gland	GC200
18	Outboard Bearing	STEEL
29	Lantern Ring	TEFLON
31	Inboard Bearing Hous.	GC200
33	Outboard Bearing Hous.	GC200
35	Inboard Bearing Cover	GC200
37	Inboard Bearing Cover	GC200
40	Deflector	NBR
83	Stuffing Box	GC200

참고: \*. 이외의 기타 자료는 요청시 제공됩니다.