

SAF-V

Vertical Axial Flow Pumps

입축 축류 펌프

적용분야 / Applications

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| 01. 일반산업 : 각종공장 : 취수, 배수 | 05. 상수도 : 취수, 송수 |
| 02. 화력발전소 : 냉각용수 | 06. 농업 : 양수, 배수 |
| 03. 제철소 : 순환, 배수용 | 07. 기타 : 하천 배수 |
| 04. 하수도 : 유입, 방류 | |

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| 01. General industries/factory : For Water intake, Drainage |
| 02. Thermal power plant : For Cooling water |
| 03. Ironworks : For Circulation, Drainage |
| 04. Sewage system : For Water influent, Effluent |
| 05. Water works : For Water intake, Supply |
| 06. Agriculture : For Water pumping, Drainage |
| 07. Others : For Drainage of river |



설계 및 구조적 특징 / Design and Construction features

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| 01. 설치방법 : 1상식 및 2상식 |
| 02. 회전방법 : 구동기에서 보았을 때 우회전 |
| 03. 토출플랜지 : KS 10kg/cm ² RF |
| 04. 설치장소 : 옥내 및 옥외 |
| 05. 슬리브 베어링 : 고무 베어링(물 윤활), 청동(그리스 윤활) |
| 06. 스러스트베어링 : 볼 및 롤러 베어링 |
| 07. 임펠러 : 3차원 깃을 가진 OPEN TYPE |

※ 상기 사양범위를 초과하는 대형 펌프도 제작합니다.

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| 01. Installation : It has a various installation method to meet customer's requirement |
| 02. Rotation : C.W when viewed from driver |
| 03. Flange Rating : KS 10kg/cm ² , RF |
| 04. Installation place : Indoor and Outdoor |
| 05. Sleeve bearing : Rubber(water lubrication), Bronze(grease lubrication) |
| 06. Thrust bearing : Ball or Roller bearing |
| 07. Impeller : Open type having blade of 3Dimension |
| * The out of the above range can be supplied according to customer's order placement |

사양 범위 / Operating Data

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|--------------------------------------|
| 01. 전양정 : 2~6m |
| 02. 토출량 : 20~1200m ³ /min |
| 03. 온도 : 0~40°C |
| 04. 구경 : 350mm~3000mm |

※ 상기 사양범위를 초과하는 대형 펌프도 제작합니다.

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| 01. Total Head : 2~6m |
| 02. Discharge flow : 20~1200m ³ /min |
| 03. Temperature : 0~40°C |
| 04. Bore : 350mm~3000mm |

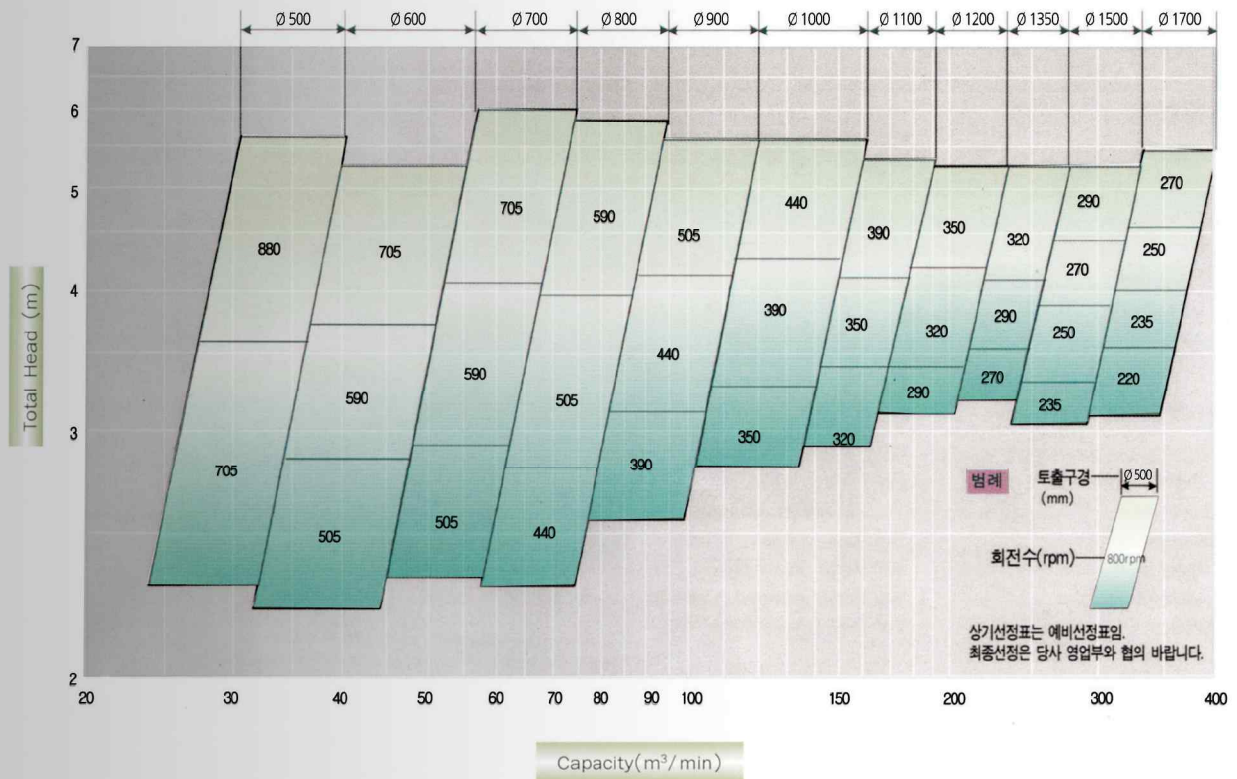
* The out of the above range can be supplied according to customer's order placement

형식 표시 방법 / Type nomenclature

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|---|-------|
| ▶ 시리즈(Series) | _____ |
| ▶ 사이즈/토출구경(Size/Nominal dia. of discharge nozzle) | _____ |
| ▶ 양정 등급(Head ratings) : A,B,C..... | _____ |

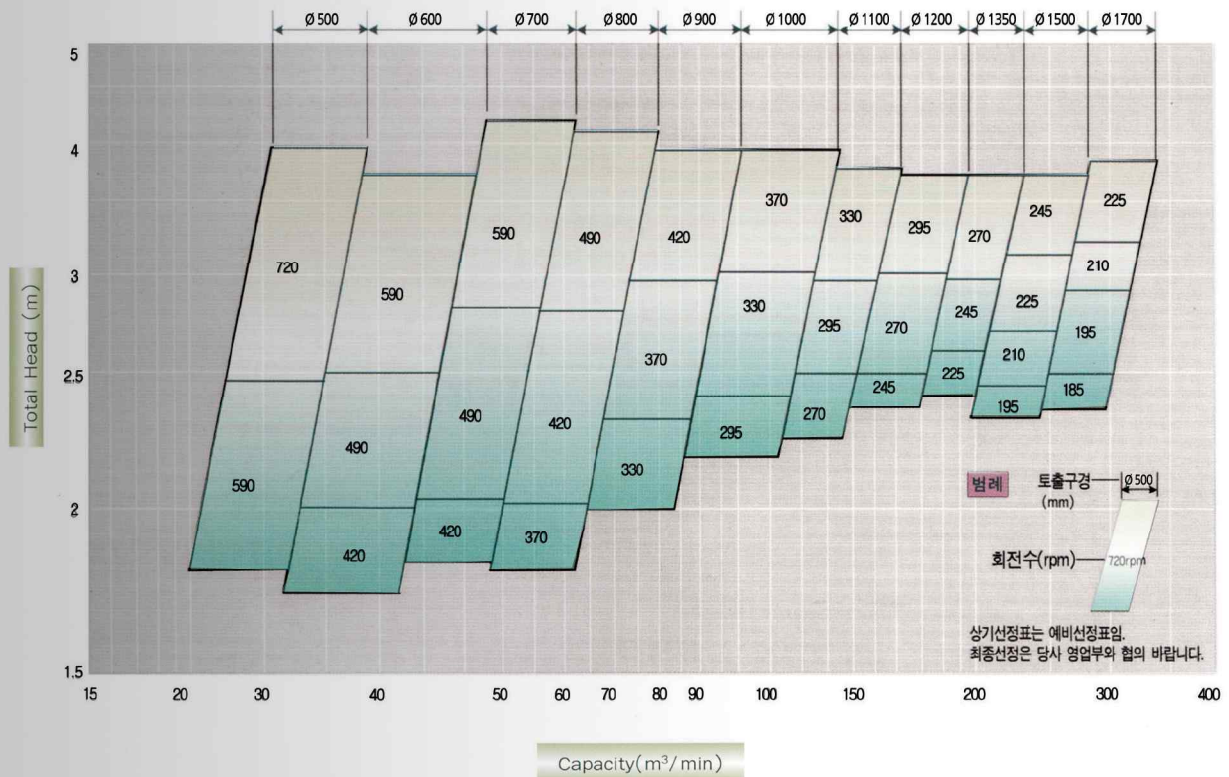
SAF-V 500A

선정표(60HZ에서) / Performance selection chart(60Hz)



* The out of the above range can be supplied according to customer's order placement.

선정표(50HZ에서) / Performance selection chart(50Hz)



* The out of the above range can be supplied according to customer's order placement.

SAF-V

조립 단면도 / Sectional drawing

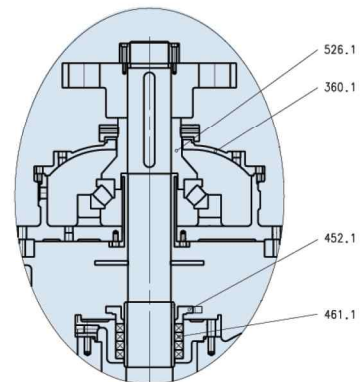
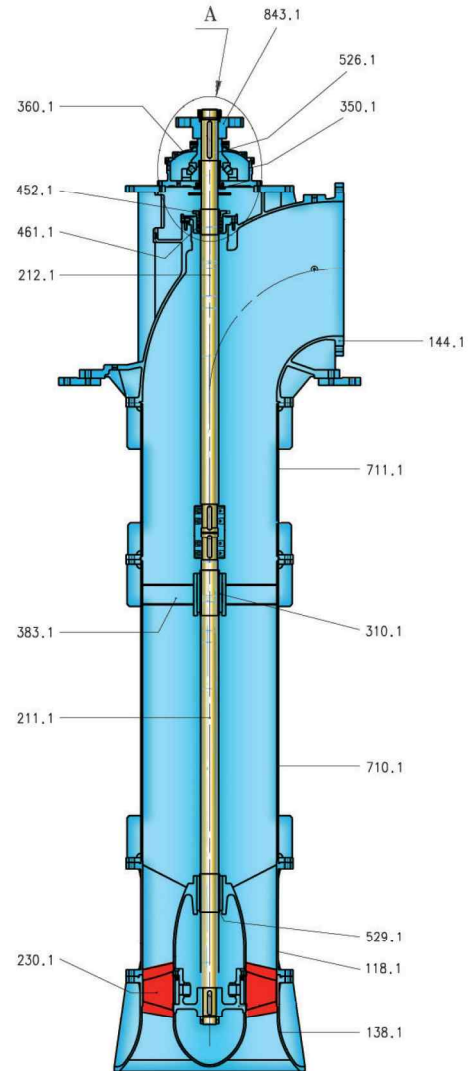
PART NO.	PART NAME	REQ' NO.	MATERIAL CODE		
			CLASS1	CLASS 2	CLASS 3
118.1	GUIDE CASING	1	GC 200		SSC 13
138.1	SUCTION BELL	1			
144.1	DISCHARGE ELBOW	1			
211.1	SHAFT(LOWER)	1	SM 45C	STS 304	
212.1	SHAFT(UPPER)	1			
230.1	IMPELLER	1	CAC 406	SSC 13	SSC 13
310.1	SLEEVE BEARING	1	RUBBER + SSC 13 or CAC 406		
350.1	BEARING HOUSING	1	GC 200		
360.1	BEARING COVER	1	GC 200		
383.1	BEARING SPIDER		SM 45C		SSC 13
452.1	PACKING GLAND	1	SM 45C		SSC 13
461.1	PACKING	1SET	NON-METALLIC		
526.1	BEARING SEAT	1	SM 45C		SSC 13
529.1	BEARING SLEEVE		STS 304		STS 304
710.1	COLUMN PIPE(UPPER)	1	SPP		STS 304 TP
711.2	COLUMN PIPE(LOWER)	1			
843.1	COUPLING	1	GC 200		

CLASS 1 : 취수, 공업용수, 농업용수, 배수

CLASS 2 : 도시, 공장배수, 오수

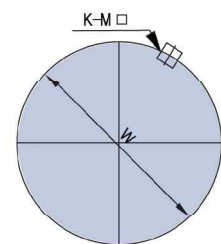
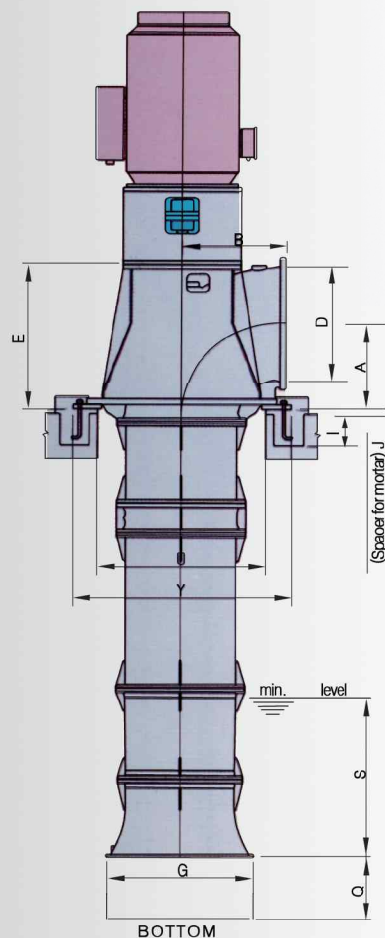
CLASS 3 : 해수

※ SHAFT PROTECT.PIPE IS STANDARD FOR ONLY SEWAGE SYSTEM
(INFLUENT & EFFLUENT)



상세도 "A"

외형치수도 / Outline dimensions



PUMP FOUNDATION

SAF-V

TYPE	BORE	PUMP DIMENSIONS(MM)											
	DIS.	A	B	E	G	Q(min)	S(min)	Y	U	W	K-M	I	J
SAF-V500	Ø 500	570	700	950	750	550	1100	1480	950	1400	6-190	630	40
SAF-V600	Ø 600	620	700	1220	850	650	1250	1700	1100	1600	6-220	800	40
SAF-V700	Ø 700	730	850	1250	1000	750	1500	1800	1200	1700	8-220	800	50
SAF-V800	Ø 800	815	950	1425	1100	850	1650	1900	1300	1800	8-220	800	40
SAF-V900	Ø 900	880	1050	1450	1250	950	1850	2100	1500	2000	8-260	1000	50
SAF-V1000	Ø 1000	930	1150	1550	1450	1100	2150	2350	1700	2250	8-260	1000	50
SAF-V1200	Ø 1200	900	1150	1600	1650	1300	2650	2400	1800	2350	12-220	1000	50
SAF-V1350	Ø 1350	1130	1100	1895	1750	1450	3050	2500	2100	2350	16-220	1000	50
SAF-V1500	Ø 1500	1550	1350	2400	1800	1600	3650	2700	2100	2500	16-260	1000	50

• 치수는 참고용임.