

SFV FRP VERTICAL SUMP PROCESS PUMP



STANDARD SPECIFICATION

- Capacity : Max. 600 m³/hr
- Total Head : Max. 80 mH
- Impeller type : Open (special : revers-vane)
- Bore : 25Φ ~ 150Φ
- Rotation : CW (View from drive end)
- Sealing system : Non-Seal (Maker standard)
: M./Seal & Packing (option)
- Model Type
- FRP, CFRP

FEATURES

- Simple design and easy handling by vertical type
Only casing and impeller are installed on lower part
- Structure connected with motor of upper part
through the column pipe
- Easy assembly and repair due to the standardized
- Complete standardization with precise forming of all parts

SVP VERTICAL SUMP PROCESS PUMP



STANDARD SPECIFICATION

- Capacity : Max. 600 m³/hr
- Total Head : Max. 80 mH
- Impeller type : Open (special : revers-vane)
- Bore : 25Φ ~ 250Φ
- Rotation : CW (View from drive end)
- Sealing system : Non-Seal (Maker standard)
: M./Seal & Packing (option)
- Model Type

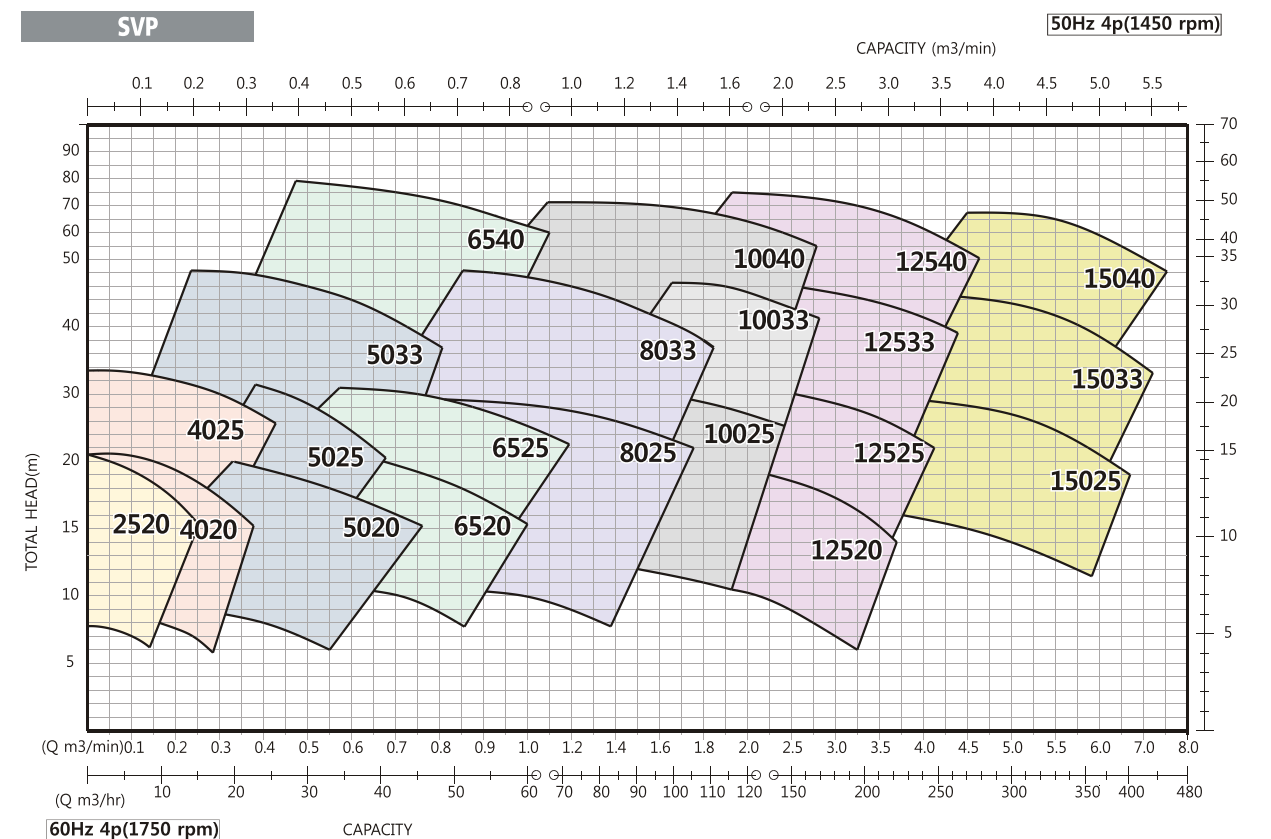
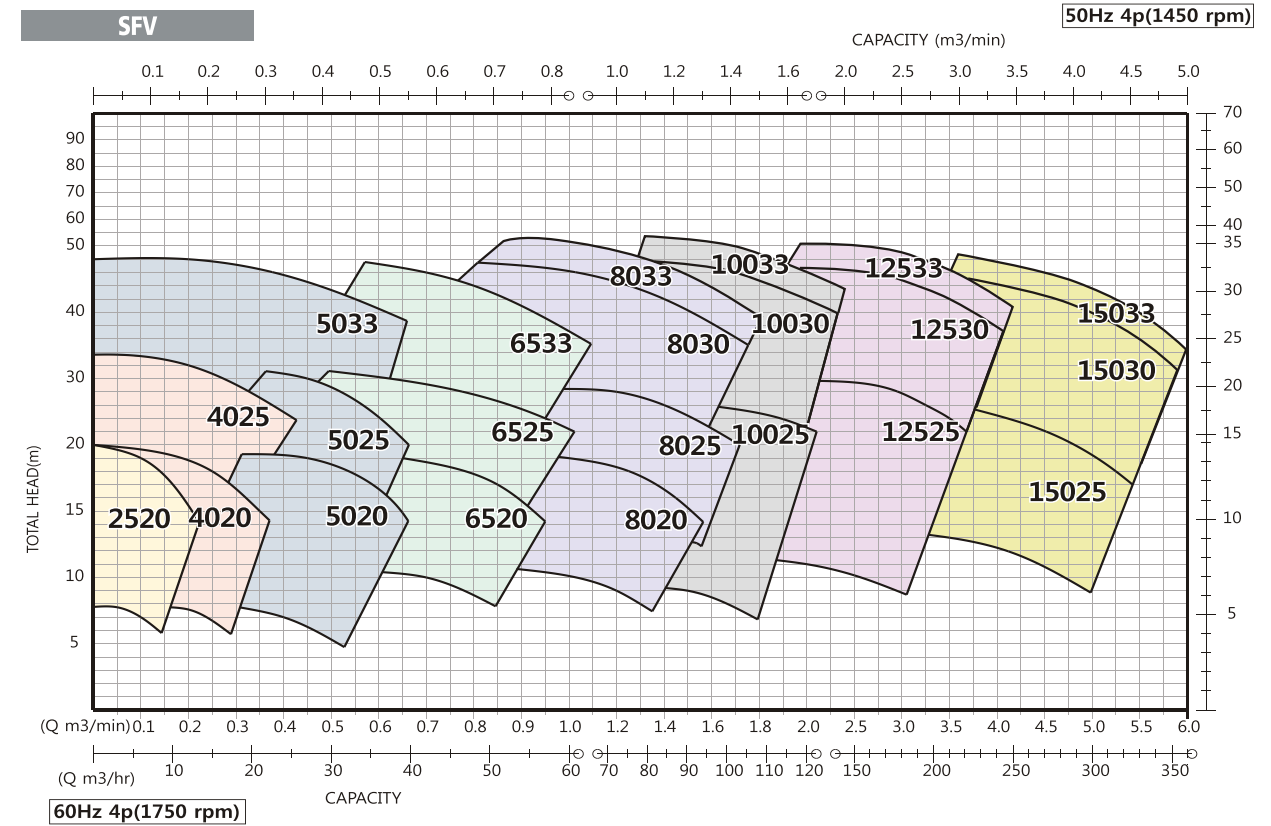
FEATURES

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SFV / SVP

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OUTLINE DIMENSION

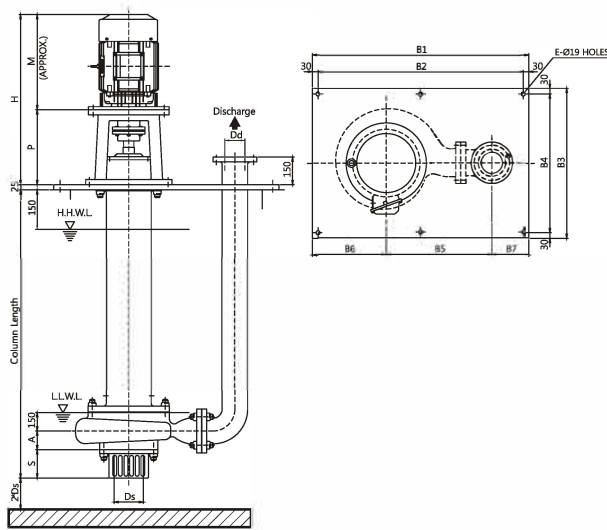


SFV / SVP

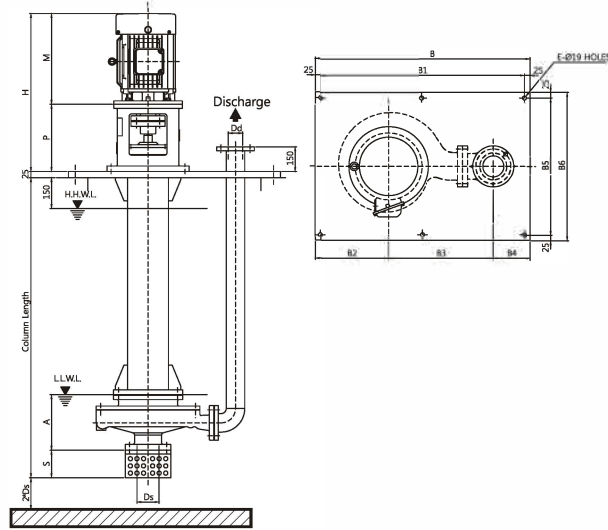
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OUTLINE DIMENSION

SFV



SVP



MODEL	SUC.	DIS.	DIMENSION									
			A	S	B1	B2	B3	B4	B5	B6	B7	
2520	40	25	100	100	700	640	550	490	300	250	150	
4020	50	40	90	100	700	640	500	440	330	250	120	
4025	50	40	90	100	750	690	550	490	360	260	130	
5020	65	50	90	100	700	640	500	440	330	250	120	
5025	65	50	90	100	750	690	550	490	360	270	120	
5033	65	50	120	100	900	840	650	590	450	330	120	
6520	80	65	90	100	750	690	550	490	350	270	130	
6525	80	65	120	100	850	790	600	540	400	300	150	
6533	80	65	125	100	1000	940	700	640	450	350	200	
8020	100	80	125	100	950	890	600	540	450	300	200	
8025	100	80	120	100	850	790	600	540	430	290	130	
8033	100	80	120	100	950	890	650	590	465	330	155	
10025	125	100	120	150	900	840	650	590	450	300	150	
10033	125	100	120	150	1000	940	700	640	500	350	150	
12525	150	125	120	150	950	890	650	590	450	320	180	
12533	150	125	120	150	1000	940	700	640	500	350	150	
15025	200	150	120	150	1100	1040	700	640	550	370	180	
15033	200	150	120	150	1150	1090	700	640	600	370	180	
15040	200	150	160	200	1320	1260	900	840	685	415	220	
2225(20025)	250	200	180	200	1500	1440	1000	940	815	435	250	
2233(20033)	250	200	250	150	1400	1350	850	800	770	420	210	

MOTOR (KW)	Bracket & Motor			BERING
	M	P		
0.75	259	238		6307
1.5	315	238		
2.2	346	220		
3.7	330	220		
5.5	379	300		6310
7.5	417	300		
11	474	300		
15	518	300		
18.5	537	400		6313
22	537	400		
30	596	400		
37	651	400		
45	651	400		6316
55	677	450		
75	796	450		
90	834	450		

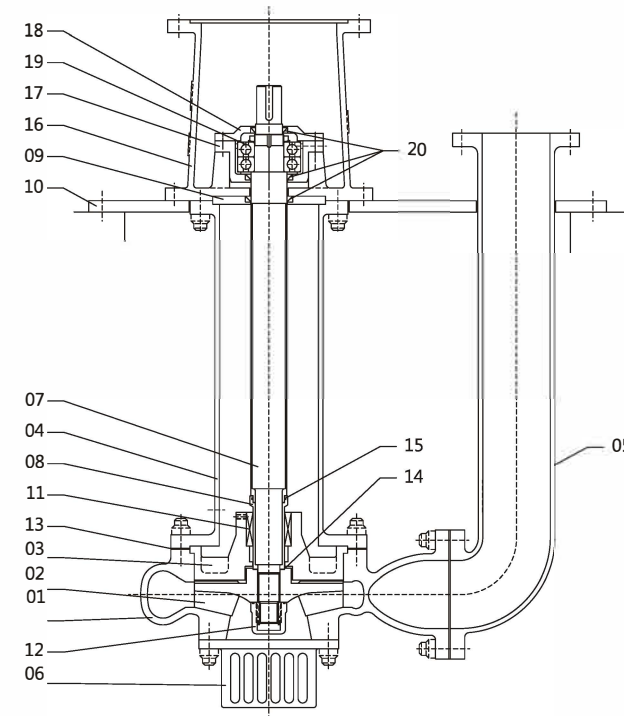
SVP, SFV ANSI MODEL

MODEL	SUC.	DIS.	DIMENSION									
			A	S	B1	B2	B3	B4	B5	B6	B7	
1.5x1-8	1.5"(40)	1"(25)	150	100	600	550	450	400	215	250	135	
2x1-10	2"(50)	1"(25)	150	100	650	600	500	450	270	260	120	
3x1.5-6	3"(80)	1.5"(40)	150	100	600	550	400	350	235	240	125	
3x1.5-8	3"(80)	1.5"(40)	150	100	600	550	400	350	235	240	125	
3x1.5-13	3"(80)	1.5"(40)	150	100	750	700	550	500	335	300	115	
3x2-8	3"(80)	2"(50)	150	100	700	650	450	400	330	240	130	
3x2-10	3"(80)	2"(50)	150	100	750	700	500	450	335	270	145	
4x3-8	4"(100)	3"(80)	200	100	800	750	500	450	410	250	140	
8x6-13	8"(200)	6"(150)	250	150	1200	1150	750	700	645	370	185	

SFV / SVP

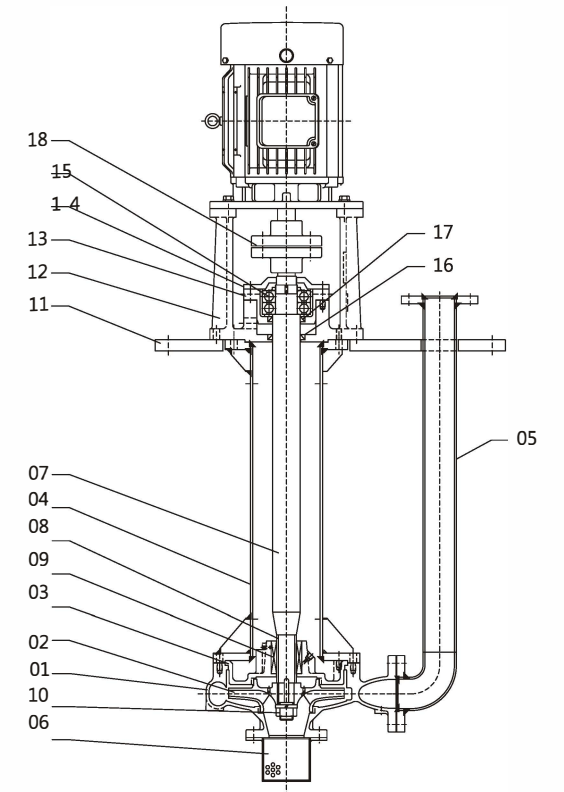
SECTIONAL DRAWING

SFV



No.	PART NAME	Q'ty	SFV MATERIAL	
			M1	M2
1	CASING	1	FRP	CFRP
2	IMPELLER	1	FRP	CFRP
3	CASING COVER	1	FRP	CFRP
4	COLUMN PIPE	1	FRP	CFRP
5	DISCHARGE PIPE	1	FRP	CFRP
6	STRAINER	1	FRP	CFRP
7	SHAFT	1	STS304+FRP	STS304+CFRP
8	SLEEVE	1	CD4MCu	HAST.-C
9	BASE FLANGE	1	FRP	CFRP
10	BASE PLATE	1	FRP+SS	CFRP+SS
11	SHAFT LINE BUSH	1	CARBON	CARBON
12	IMPELLER CAP NOT	1st	PP+SS	PP+SS
13	CASING GASKET	1	EPDM	EPDM
14	IMPELLER GASKET	1	TEFLON	TEFLON
15	SLEEVE O-RING	1	VITON	VITON
16	BRACKET	1	GC200	GC200
17	BEARING HOUSING	1	GC200	GC200
18	HOUSING COVER	1	GC200	GC200
19	BEARING	2	STB2	STB2
20	OIL SEAL	3	NBR	NBR

SVP



No.	PART NAME	Q'ty	SVP MATERIAL	
			M1	M2
1	CASING	1	GC200	SSC13,14
2	IMPELLER	1	SSC13	SSC13,14 Hi-Cr
3	CASING COVER	1	GC200	SSC13,14
4	COLUMN PIPE	1	SGP	STS316 STS304
5	D SCHARGE PIPE	1	SGP	STS316 STS304
6	STRAINER	1	SS400	STS316 STS304
7	SHAFT	1	SM45C	STS316 STS304
8	SLEEVE	1	STS304	STS316 STS304
9	SHAFT LINE BUSH	1	Non-Metal	Non-Metal
10	IMPELLER NUT	1	STS304	STS316 STS304
11	BASE PLATE	1	SS400	SS400
12	BRACKET	1	GC200	GC200
13	BEARING HOUSING	1	GC200	GC200
14	HOUSING COVER	1	GC200	GC200
15	BEARING	2	STB2	STB2
16	OIL SEAL (BRACKET)	1	NBR	NBR
17	OIL SEAL (HOUSING)	1	NBR	NBR
18	COUPLINT	1st	GC200	GC200