

SHP ISO 2858 STANDARD PROCESS PUMP



APPLICATIONS

- Industrial Process
- Chemical Process
- Water treatment & Drainage

MATERIAL

- Cast Iron
- Carbon Steel
- Stainless Steel (304, 316, 316L)
- Duplex, Super Duplex

STANDARD SPECIFICATION

- Capacity : Max. 1200 m³/hr
- Total Head : Max. 150'
- Temperature : Max. 100 °C
- Impeller type : Close
- Bore : 25Φ ~ 300Φ
- Rotation : CW (View from drive end)

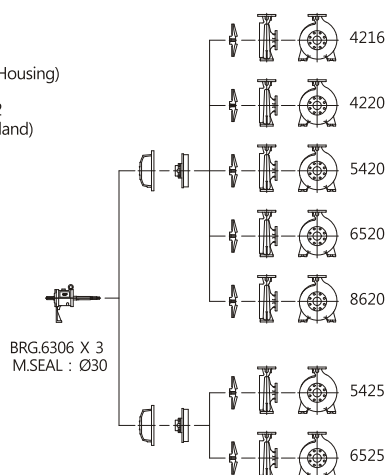
FEATURES

- Full compliance with ISO2858 standard
- High efficiency with Close-type impeller
- Heavy Duty Design
- Easy assembly with BACK PULL-OUT structure

INTERCHANGEABILITY CHART

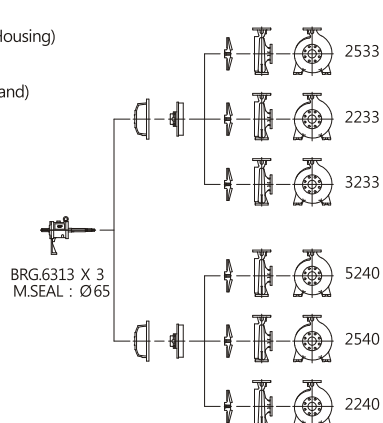
I-GROUP

- ▶ POWER END : 1
(Shaft, Sleeve, Brg.Housing)
- ▶ ADAPTER : 2
- ▶ CASING COVER : 2
(Seal & Packing, Gland)



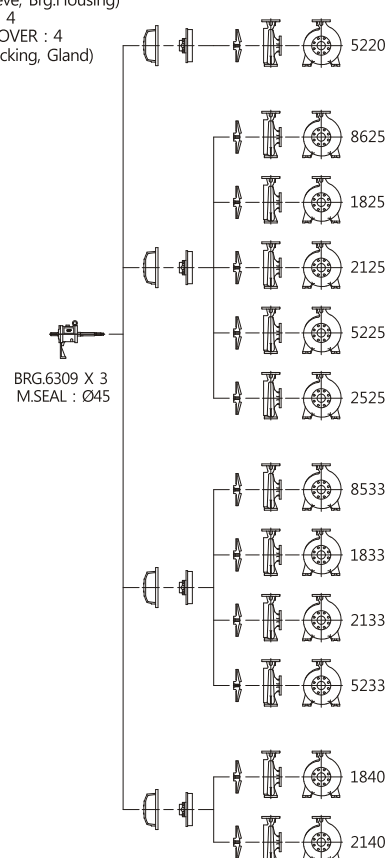
III-GROUP

- ▶ POWER END : 1
(Shaft, Sleeve, Brg.Housing)
- ▶ ADAPTER : 2
- ▶ CASING COVER : 2
(Seal & Packing, Gland)

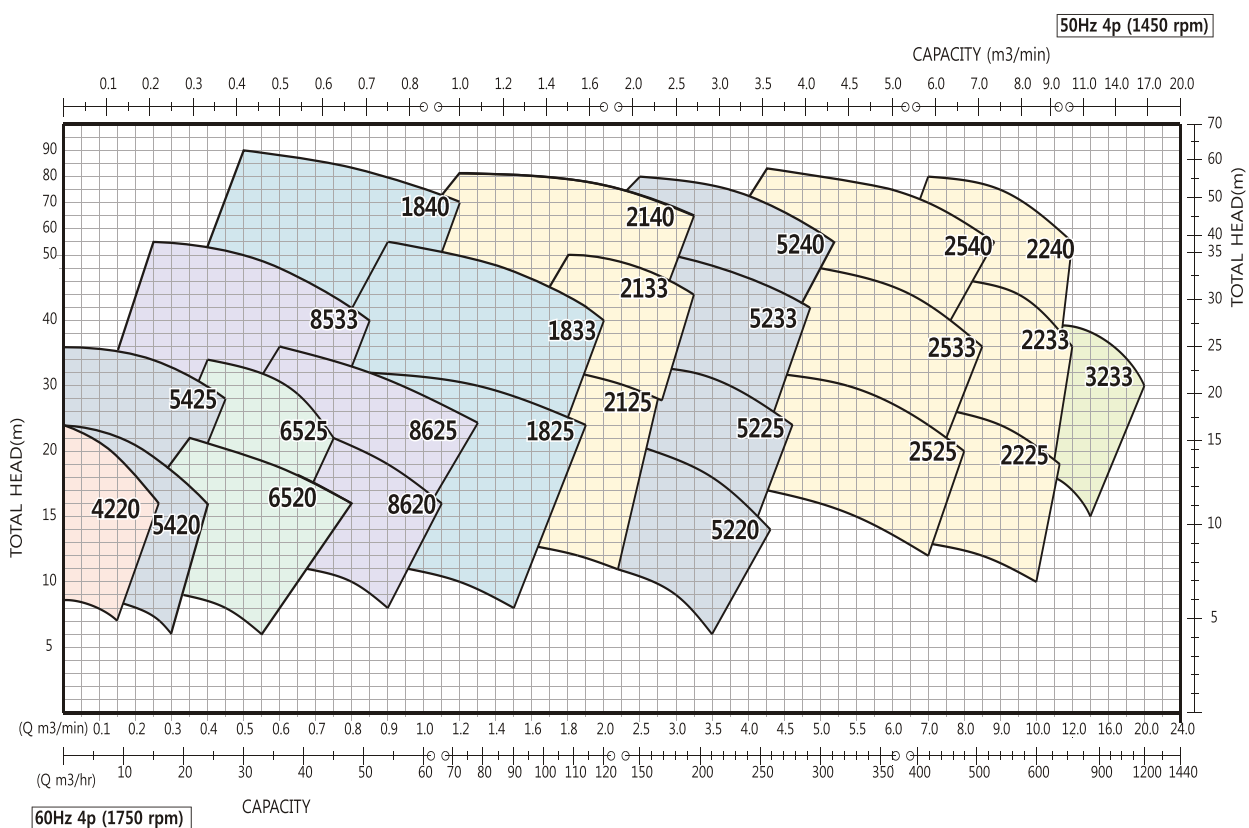
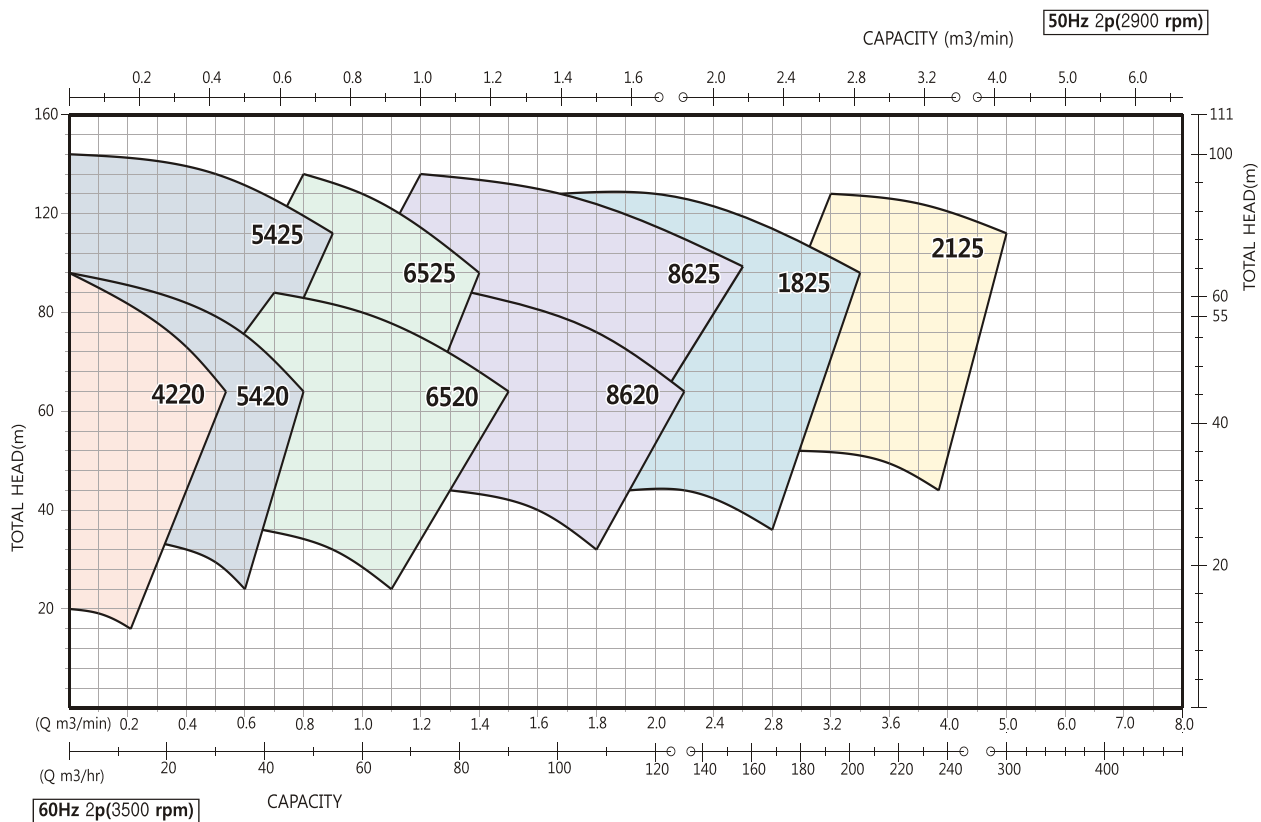


II-GROUP

- ▶ POWER END : 1
(Shaft, Sleeve, Brg.Housing)
- ▶ ADAPTER : 4
- ▶ CASING COVER : 4
(Seal & Packing, Gland)



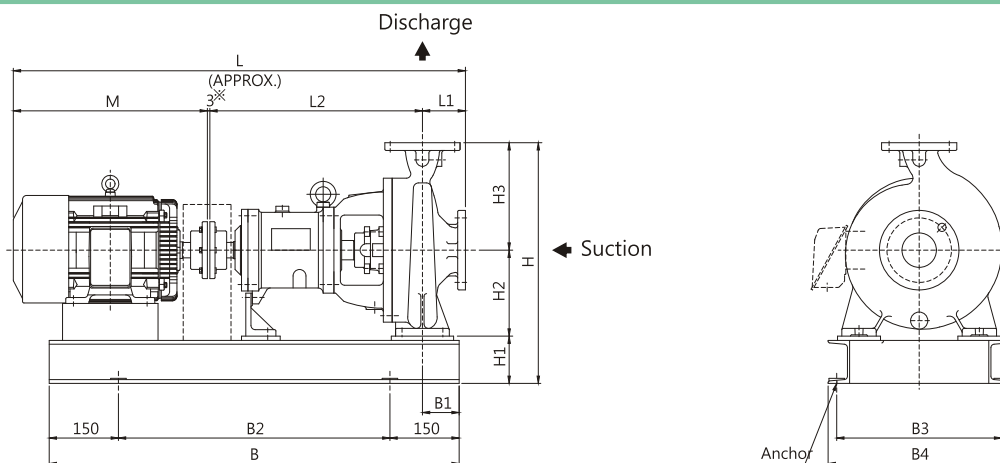
SELECTION CHART



SELECTION CHART

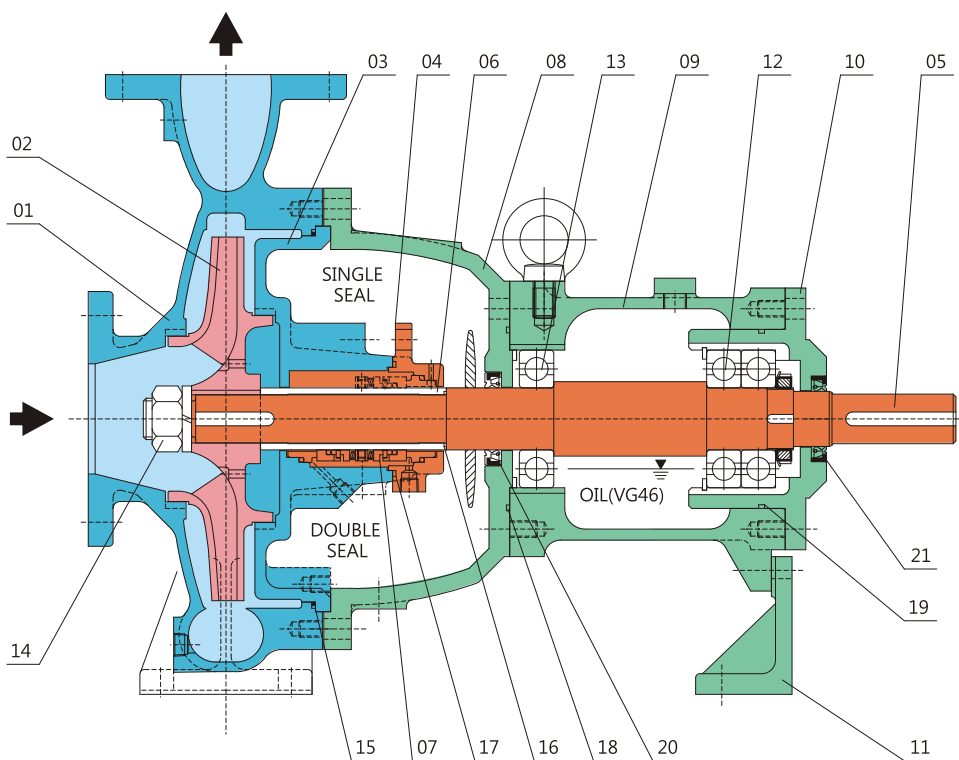
MODEL	BORE (SUCxDIS)		Q(m³/min)	H (M)	P (KW)	전압 (V)	RPM
SHP4220	40	25	0.12	15	1.5	440	1750
SHP5420	50	40	0.2	20	3.7	440	1750
SHP5425	50	40	0.2	30	5.5	440	1750
SHP6520	65	50	0.4	15	3.7	440	1750
SHP6525	65	50	0.4	25	5.5	440	1750
SHP8620	80	65	0.8	15	5.5	440	1750
SHP8625	80	65	0.8	30	11	440	1750
SHP8533	80	50	0.8	40	15	440	1750
SHP1825	100	80	1.5	25	15	440	1750
SHP1833	100	80	1.5	40	22	440	1750
SHP1840	100	65	1.5	75	55	440	1750
SHP2125	125	100	2.2	20	15	440	1750
SHP2133	125	100	2.2	35	30	440	1750
SHP2140	125	100	2.5	60	55	440	1750
SHP5220	150	125	3.0	15	15	440	1750
SHP5225	150	125	3.0	25	30	440	1750
SHP5233	150	125	3.5	45	55	440	1750
SHP5240	150	125	5.6	45	75	440	1750
SHP2525	200	15	5.5	15	30	440	1750
SHP2533	200	150	5.5	40	66	440	1750
SHP2540	200	150	6	60	110	440	1750
SHP2225	250	200	9	20	55	440	1750
SHP2233	250	200	9.5	40	110	440	1750
SHP2240	250	200	10	60	185	440	1750
SHP3233	300	250	16	35	132	440	1750

OUTLINE DIMENSION



MODEL	MODEL		MOTOR (KW)	PUMP & MOTOR									BED						WIGHT(kg)		
	SUC.	DIS.		M	L1	L2	L	H	H1	H2	H3	B	B1	B2	B3	B4	Anch.	PUMP	BED	MOTOR	
4220	40	25	1.5	337	80	385	805	425	85	160	180	750	80	450	260	290	4-Φ15	45	28	24	
			2.2	376	80	385	844	425	85	160	180	800	80	500	260	290	4-Φ15	45	30	30	
5420	50	40	2.2	376	100	385	864	425	85	160	180	800	80	500	290	320	4-Φ15	45	31	30	
			3.7	378	100	385	866	425	85	160	180	800	80	500	290	320	4-Φ15	45	31	39	
5425	50	40	3.7	378	100	385	866	490	85	180	225	800	80	500	320	350	4-Φ15	55	33	39	
			5.5	442	100	385	930	490	85	180	225	850	80	550	320	350	4-Φ15	55	33	56	
6520	65	50	2.2	376	100	385	864	445	85	160	200	800	80	500	290	320	4-Φ15	50	31	30	
			3.7	378	100	385	866	445	85	160	200	800	80	500	290	320	4-Φ15	50	31	39	
6525	65	50	5.5	442	100	385	930	490	85	180	225	850	80	550	320	350	4-Φ15	56	33	56	
			7.5	481	100	385	969	490	85	180	225	900	80	600	320	350	4-Φ15	56	35	70	
8620	80	65	3.7	378	100	385	866	490	85	180	225	800	80	500	320	350	4-Φ15	55	33	39	
			5.5	442	100	385	930	490	85	180	225	850	80	550	320	350	4-Φ15	55	33	56	
8625	80	65	7.5	481	100	535	1119	535	85	200	250	1050	100	750	360	390	4-Φ19	80	40	70	
			11	588	100	535	1226	560	110	200	250	1150	100	850	360	400	4-Φ19	80	53	109	
8533	80	50	11	588	125	535	1251	615	110	225	280	1150	100	850	360	400	4-Φ19	100	55	109	
			15	632	125	535	1295	615	110	225	280	1200	100	900	360	400	4-Φ19	100	58	136	
1825	100	80	15	632	125	535	1295	615	110	225	280	1200	100	900	400	440	4-Φ19	90	58	136	
			22	647	125	535	1310	615	110	225	280	1200	100	900	400	440	4-Φ19	90	58	161	
1833	100	80	22	647	125	535	1310	675	110	250	315	1200	100	900	400	440	4-Φ19	96	61	161	
			30	706	125	535	1369	675	110	250	315	1200	100	900	400	440	4-Φ19	96	61	182	
1840	100	80	30	706	125	535	1369	745	110	280	355	1200	100	900	500	540	4-Φ19	145	69	182	
			45	791	125	535	1454	745	110	280	355	1300	100	1000	500	540	4-Φ19	145	71	295	
2125	125	100	15	632	145	535	1315	615	110	225	280	1200	100	900	400	440	4-Φ19	98	60	136	
			22	647	145	535	1330	615	110	225	280	1200	100	900	400	440	4-Φ19	98	59	161	
2133	125	100	22	647	140	535	1325	675	110	250	315	1200	100	900	400	440	4-Φ19	105	60	161	
			30	706	140	535	1384	675	110	250	315	1200	100	900	400	440	4-Φ19	105	61	182	
2140	125	100	45	791	140	535	1469	745	110	280	355	1300	100	1000	500	540	4-Φ19	160	72	295	
			55	817	140	535	1495	775	140	280	355	1300	100	1000	500	550	4-Φ19	160	94	365	
5220	150	125	11	588	140	535	1266	675	110	250	315	1150	100	850	400	440	4-Φ19	103	59	109	
			15	632	140	535	1310	675	110	250	315	1200	100	900	400	440	4-Φ19	103	61	136	
5225	150	125	22	647	140	535	1325	715	110	250	355	1200	100	900	400	440	4-Φ19	117	61	161	
			30	706	140	535	1384	715	110	250	355	1200	100	900	400	440	4-Φ19	117	61	182	
5233	150	125	30	706	140	535	1384	750	115	280	355	1200	100	900	500	540	4-Φ19	150	71	182	
			45	791	140	535	1469	750	115	280	355	1300	100	1000	500	540	4-Φ19	150	73	295	
5240	150	125	55	817	140	670	1632	855	140	315	400	1450	100	1150	500	550	6-Φ19	175	101	365	
			75	901	140	670	1716	855	140	315	400	1500	100	1200	500	550	6-Φ19	175	104	510	
2525	200	150	55	817	160	535	1515	795	140	280	375	1300	110	1000	500	550	6-Φ19	145	93	365	
			75	901	160	535	1599	795	140	280	375	1350	110	1050	500	550	6-Φ19	145	96	510	
2533	200	150	75	901	160	670	1736	855	140	315	400	1550	130	1250	500	550	6-Φ19	235	107	510	
			90	939	160	670	1774	855	140	315	400	1550	130	1250	500	550	6-Φ19	235	107	550	
2540	200	150	110	1017	160	670	1852	935	170	315	450	1650	130	1350	550	600	6-Φ24	290	150	690	
2225	250	200	90	939	160	670	1774	910	170	315	425	1550	130	1250	600	650	6-Φ24	330	110	550	
2233	250	200	90	939	180	670	1794	940	140	350	450	1550	130	1250	600	650	6-Φ24	270	120	550	
2240	250	200	110	1017	180	690	1892	1120	170	400	550	1700	130	1400	600	650	6-Φ24	400	163	690	
3233	300	250	132	1068	225	695	1993	1120	170	400	550	1700	130	1400	650	700	6-Φ24	400	170	810	
3240	300	250	4P~8P	-	250	750	-	1120	170	450	500	-	150	-	800	850	6-Φ24	530	-	-	

SECTIONAL DRAWING



No.	PART NAME	Q'ty	MATERIAL					
			Casr Iron	SS 304	SS316(L)	ALLOY	HASTELLOY	Hi-Cr
1	CASING	1	GC200	SSC13	SSC14 (16)	ALLOY-20	HASTELLOY-C(B)	Hi-Cr
2	IMPELLER	1	GC200	SSC13	SSC14 (16)	ALLOY-20	HASTELLOY-C(B)	Hi-Cr
2-1	IMPELLER NUT	1	STS304	STS304	STS304	ALLOY-20	HASTELLOY-C(B)	STS304
3	C-COVER	1	GC200	SSC13	SSC14 (16)	ALLOY-20	HASTELLOY-C(B)	Hi-Cr
4	SEAL GRAND	1	GC200	SSC13	SSC14 (16)	ALLOY-20	HASTELLOY-C(B)	Hi-Cr
5	SHAFT	1	SM45C	STS304	STS316(L)	STS316(L)	STS316(L)	STS304
6	SLEEVE	1	STS304	STS304	STS316(L)	ALLOY-20	HASTELLOY-C(B)	STS304
	O-RING(접액부)	1	NBR	VITON				
7	MECHANICAL SEAL	1						
8	ADAPTER	1	GC200					
9	BRG.HOUSING	1	GC200					
10	BRG.COVER	1	GC200					
11	SUPPORT	1	GC200					
12	BEARING(T)	1 St	STB2					
13	BEARING(R)	1	STB2					