

Pioneering for You

wilo

제품 카탈로그

HVI Series

Vertical Multistage Pumps



윌로펌프(주)

입형다단 펌프

HVI Series

모델명

예) HV(l) 3203/2

- HV(l) : HVI 상하부 케이싱 stainless steel / HV: 상하부 케이싱 cast iron
- 32 : 유량(m^3/h)
- 3 : 전체 임펠러 단수
- 2 : 작은 임펠러 단수

용도

- 급수 및 가압 설비
- 보일러 급수 시스템
- 냉방 및 공조 시스템
- 각종 제조 공정 설비
- 수처리 시스템

특장점

- 접액부 내실 재질 적용
- 스테인리스 스틸(SUS304) 재질 사용으로 강한 내구성 * SUS316 옵션 제작 가능
- 유지보수가 용이한 카트리리지형 메카니컬 샤프트 씰 적용

사용 유체

- 음용수, 냉난방수, 응축수 등
- 비인화성, 비폭발성 액체로서 점도가 높지 않고 섬유질이나 마모를 일으킬 수 있는 이물질이 포함되지 않은 유체
- 허용 유체 온도: $-15 \sim 120^\circ\text{C}$

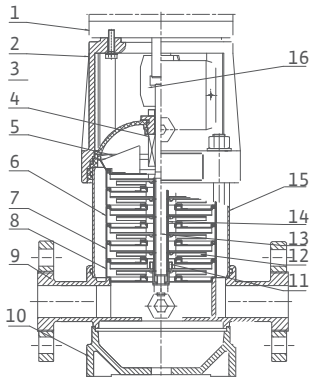
모터 사양

- 모터 형식 : TEFC
- 보호 등급 : IP54, IP55(옵션 사양)
- 절연 등급 : F
- 전원 사양 : 5.5kW 이하 삼상 220/380V, 7.5kW 이상 삼상 380V(표준 전압 변경은 옵션)
- 플랜지 타입 : Round Flange

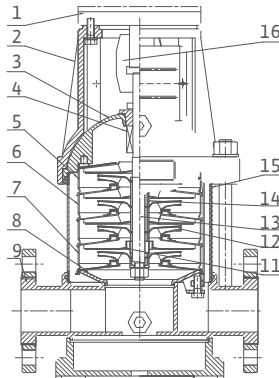


단면도 및 부품 List

HVI 3, 5



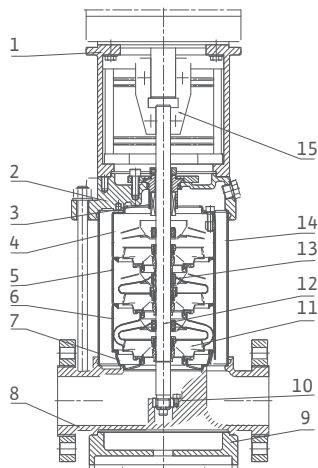
HVI 10, 15, 20



부품 List			
No.	부품명	재질	ASI/ASTM
1	모터		
2	상부브라켓	CAST IRON	ASTM25B
3	상부케이싱	STAINLESS STEEL	AISI304
4	메카니컬셀	TC/CARBON.EPDM	
5	타디퓨저	STAINLESS STEEL	AISI304
6	디퓨저	STAINLESS STEEL	AISI304
7	서포트디퓨저	STAINLESS STEEL	AISI304
8	인듀서	STAINLESS STEEL	AISI304
9	하부케이싱	STAINLESS STEEL	AISI304
10	하부브라켓	CAST IRON	ASTM25B
11	부싱	TUNGSTEN CARBIDE	
12	임펠라	STAINLESS STEEL	AISI304
13	샤프트	STAINLESS STEEL	AISI304
14	임펠라슬리브	STAINLESS STEEL	AISI304
15	실린더	STAINLESS STEEL	AISI304
16	커플링	CARBON STEEL	

* AISI316(OPTION)

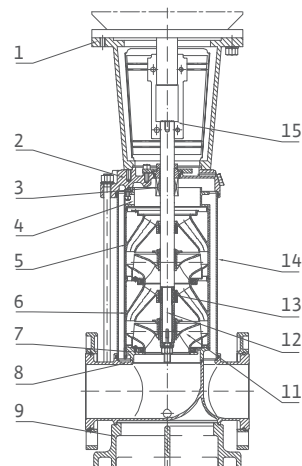
HV(I) 32, 45, 64, 90



부품 List			
No.	부품명	재질	ASI/ASTM
1	상부브라켓	CAST IRON	ASTM25B
3	메카니컬셀	TC/CARBON.EPDM	
4	타디퓨저	STAINLESS STEEL	AISI304
5	서포트디퓨저	STAINLESS STEEL	AISI304
6	디퓨저	STAINLESS STEEL	AISI304
7	인듀서	STAINLESS STEEL	AISI304
9	하부브라켓	CAST IRON	ASTM25B
10	하부베어링	TUNGSTEN CARBIDE	
11	임펠러	STAINLESS STEEL	AISI304
12	샤프트	STAINLESS STEEL	AISI 316/304/431
13	부싱	TUNGSTEN CARBIDE	
14	실린더	STAINLESS STEEL	AISI304
15	커플링	CARBON STEEL	
HV			
2	상부케이싱(HV)	CAST IRON	ASTM25B
8	하부케이싱(HV)	CAST IRON	ASTM25B
HVI			
2	상부케이싱(HVI)	STAINLESS STEEL	AISI304
8	하부케이싱(HVI)	STAINLESS STEEL	AISI304

* AISI316(OPTION)

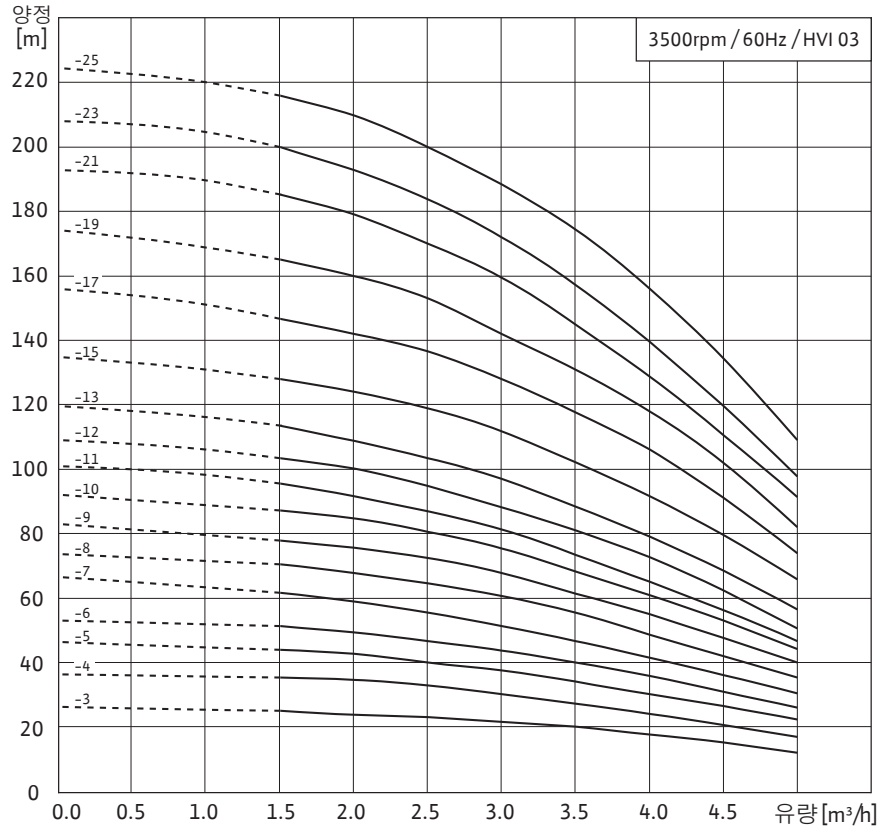
HV(I) 120, 150, 200



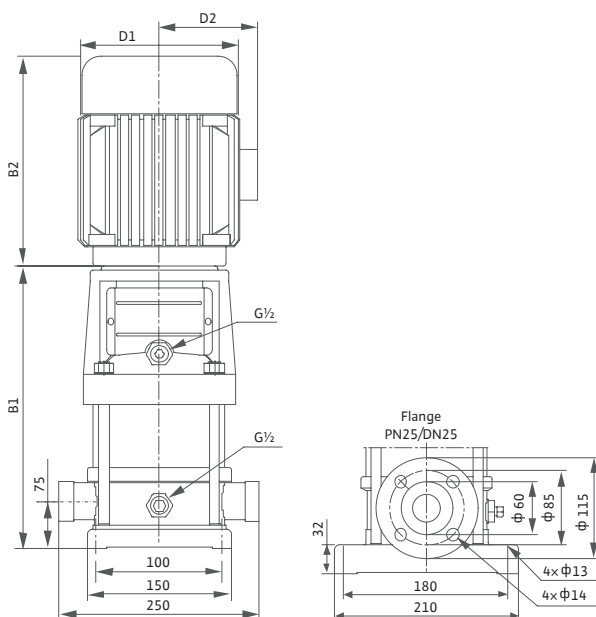
부품 List			
No.	부품명	재질	ASI/ASTM
1	상부브라켓	CAST IRON	ASTM25B
3	메카니컬셀	TC/CARBON.EPDM	
4	타디퓨저	STAINLESS STEEL	AISI304
5	서포트디퓨저	STAINLESS STEEL	AISI304
6	디퓨저	STAINLESS STEEL	AISI304
7	인듀서	STAINLESS STEEL	AISI304
9	하부브라켓	CAST IRON	ASTM 80-55-06
11	임펠라	STAINLESS STEEL	AISI304
12	샤프트	STAINLESS STEEL	AISI304
13	부싱	TUNGSTEN CARBIDE	
14	실린더	STAINLESS STEEL	AISI304
15	커플링	CARBON STEEL	
HV			
2	상부케이싱(HV)	CAST IRON	ASTM 80-55-06
8	하부케이싱(HV)	CAST IRON	ASTM 80-55-06
HVI			
2	상부케이싱(HVI)	STAINLESS STEEL	AISI304
8	하부케이싱(HVI)	STAINLESS STEEL	AISI304

* AISI316(OPTION)

HVI 03 Series

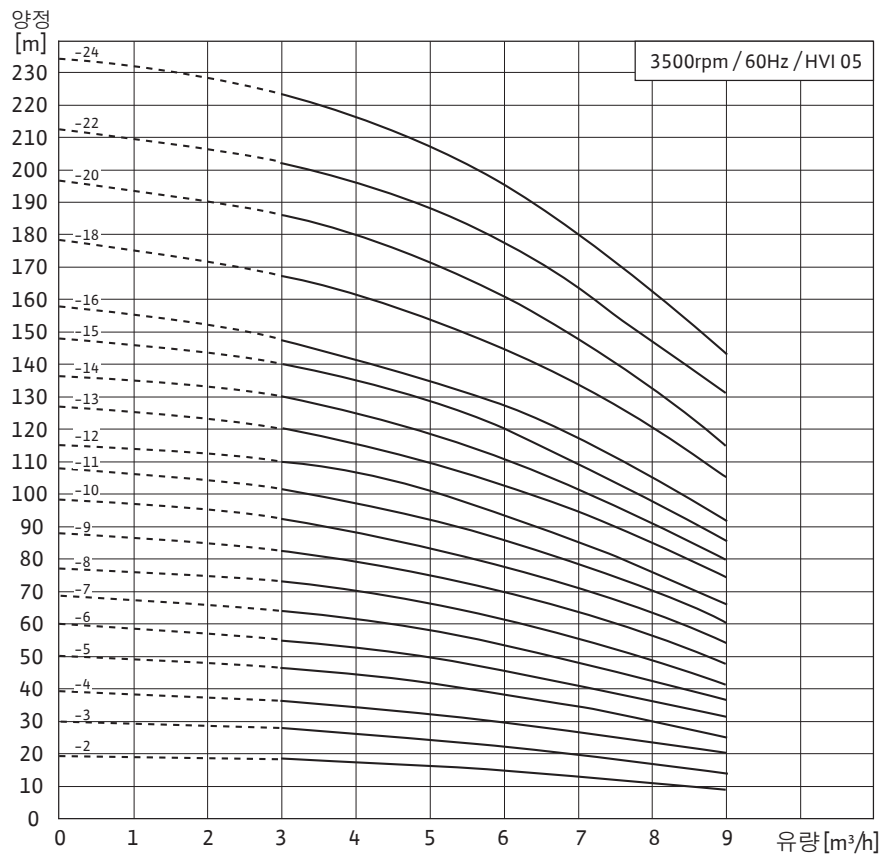


동력 및 외형도

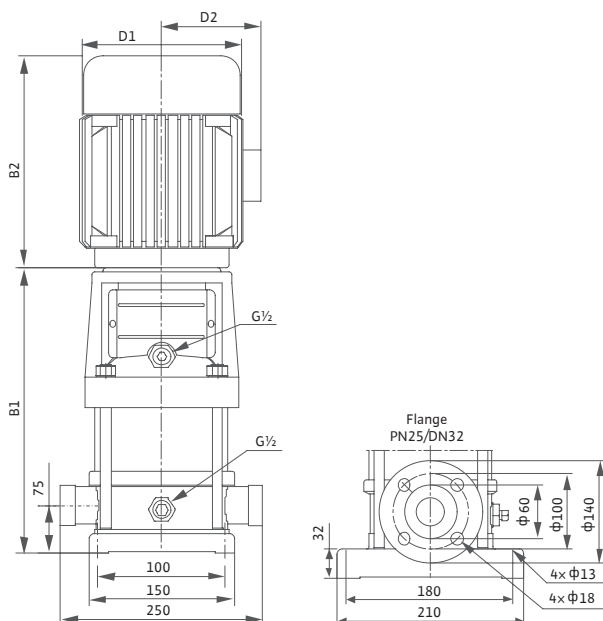


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HVI 0303	0.55	276	201	477	149	125	24
HVI 0304	0.55	294	201	495	149	125	24
HVI 0305	0.75	322	234	556	170	134	26
HVI 0306	1.1	340	234	574	170	134	28
HVI 0307	1.1	358	234	592	170	134	29
HVI 0308	1.1	376	234	610	170	134	29
HVI 0309	1.5	404	275	679	195	146	33
HVI 0310	1.5	422	275	697	195	146	33
HVI 0311	1.5	440	275	715	195	146	34
HVI 0312	2.2	458	275	733	195	146	40
HVI 0313	2.2	476	275	751	195	146	40
HVI 0315	2.2	512	275	787	195	146	41
HVI 0317	2.2	548	275	823	195	146	42
HVI 0319	3	594	327	921	195	147	47
HVI 0321	3	630	327	957	195	147	48
HVI 0323	3	666	327	993	195	147	49
HVI 0325	4	702	327	1029	195	147	54

HVI 05 Series

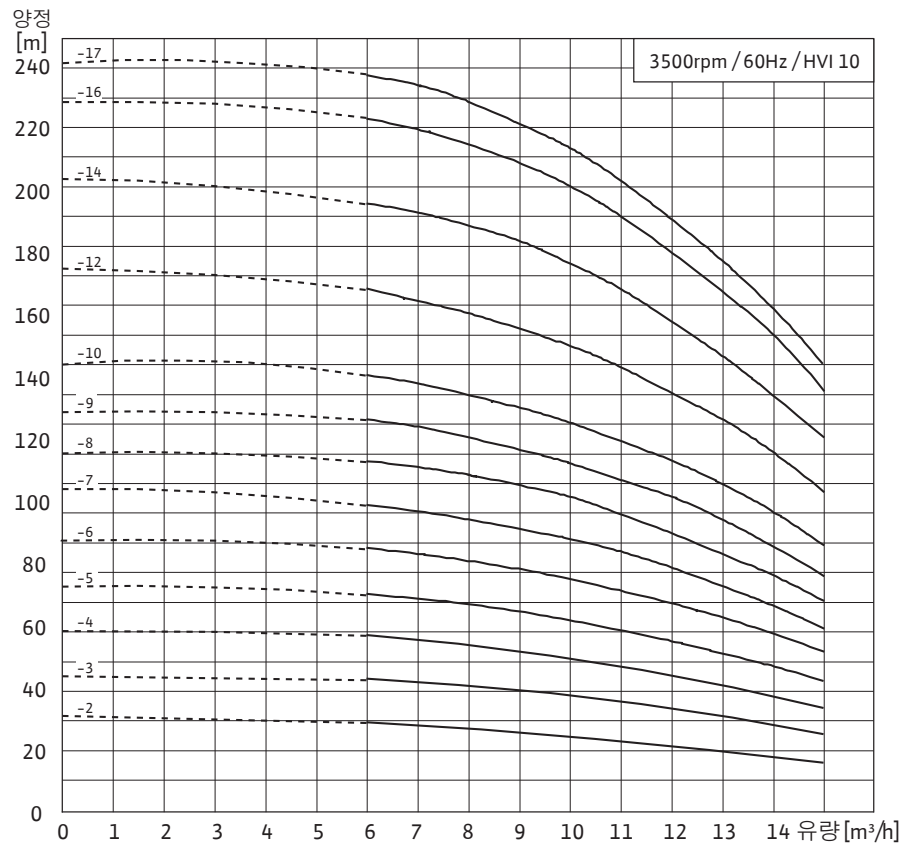


동력 및 외형도

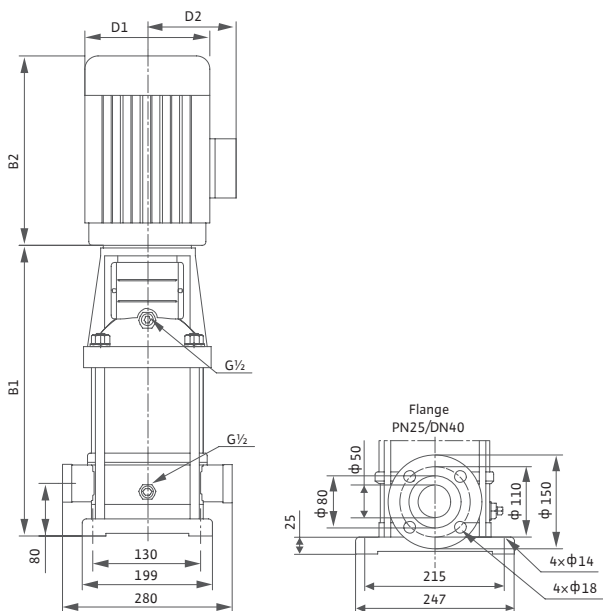


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HVI 0502	0.55	276	201	477	149	125	26
HVI 0503	0.75	313	234	547	170	134	27
HVI 0504	1.1	340	234	574	170	134	29
HVI 0505	1.5	377	275	652	195	146	33
HVI 0506	1.5	404	275	679	195	146	34
HVI 0507	2.2	431	275	706	195	146	40
HVI 0508	2.2	458	275	733	195	146	41
HVI 0509	2.2	485	275	760	195	146	42
HVI 0510	3	522	327	849	195	147	47
HVI 0511	3	549	327	876	195	147	47
HVI 0512	3	576	327	903	195	147	48
HVI 0513	3	603	327	930	195	147	48
HVI 0514	4	630	327	957	195	147	53
HVI 0515	4	657	327	984	195	147	53
HVI 0516	4	684	327	1011	195	147	53
HVI 0518	5.5	758	390	1148	253	194	77
HVI 0520	5.5	812	390	1202	253	194	78
HVI 0522	5.5	866	390	1256	253	194	79
HVI 0524	7.5	920	392	1312	253	194	84

HVI 10 Series

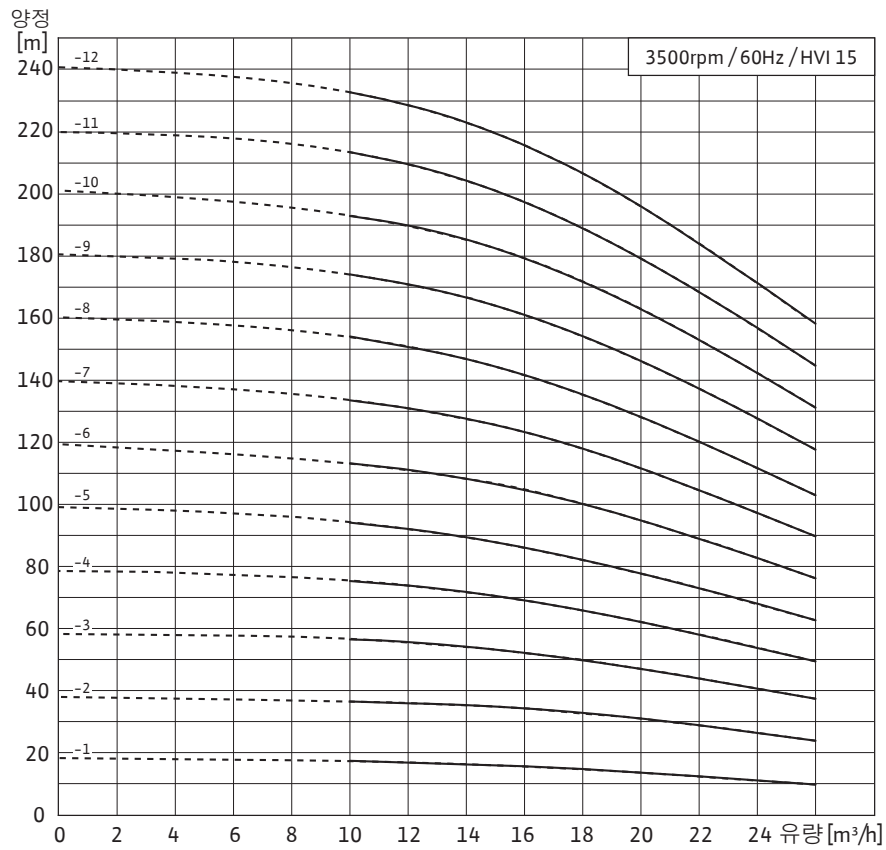


동력 및 외형도

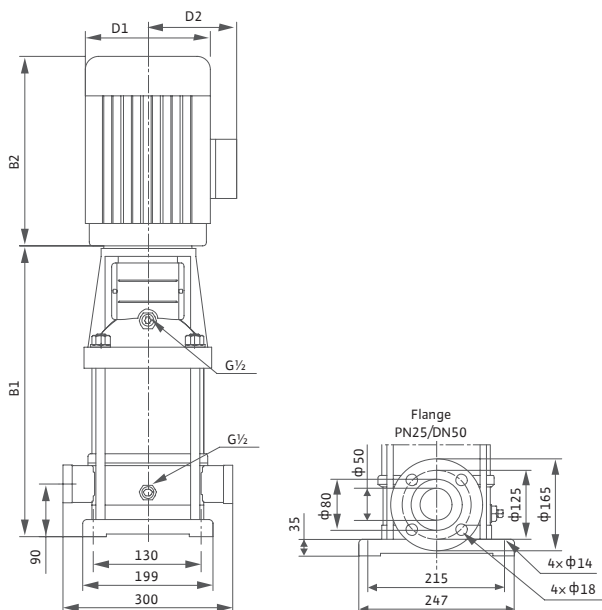


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HVI 1002	1.5	357	275	632	195	146	37
HVI 1003	2.2	387	275	662	195	146	45
HVI 1004	3	427	327	754	195	147	50
HVI 1005	3	457	327	784	195	147	51
HVI 1006	4	487	327	814	195	147	57
HVI 1007	5.5	537	390	927	253	194	80
HVI 1008	5.5	567	390	957	253	194	81
HVI 1009	5.5	597	390	987	253	194	82
HVI 1010	7.5	627	392	1019	253	194	87
HVI 1012	7.5	687	392	1079	253	194	90
HVI 1014	11	835	497	1332	284	206	122
HVI 1016	11	895	497	1392	284	206	125
HVI 1017	11	925	497	1422	284	206	128

HVI 15 Series

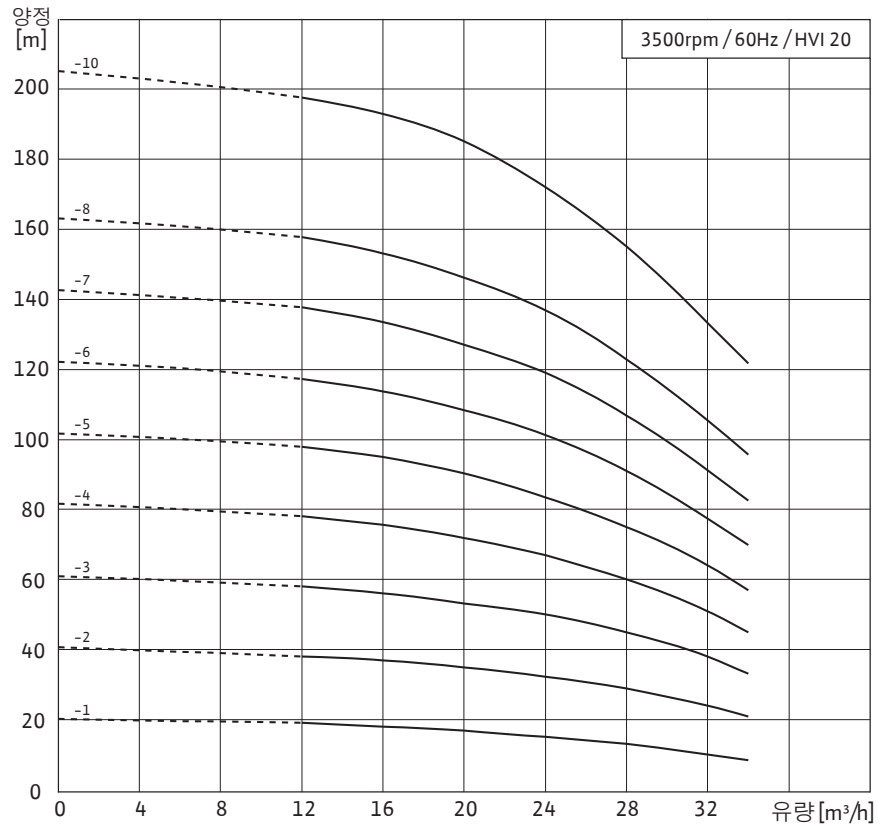


동력 및 외형도

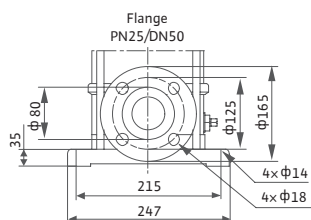
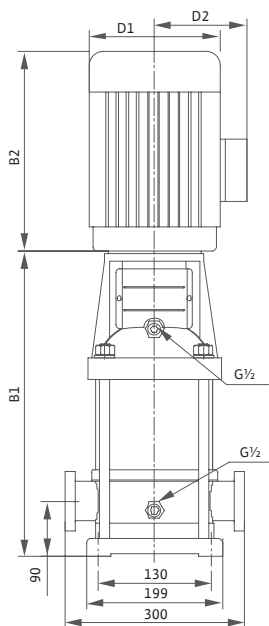


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HVI 1501	1.5	397	275	672	195	146	38
HVI 1502	3	452	327	779	195	147	50
HVI 1503	4	497	327	824	195	147	56
HVI 1504	5.5	562	390	952	253	194	79
HVI 1505	7.5	607	392	999	253	194	84
HVI 1506	11	740	497	1237	284	206	118
HVI 1507	11	785	497	1282	284	206	119
HVI 1508	11	830	497	1327	284	206	120
HVI 1509	15	875	497	1372	284	224	131
HVI 1510	15	920	497	1417	284	224	132
HVI 1512	18.5	1010	550	1560	330	255	191

HVI 20 Series

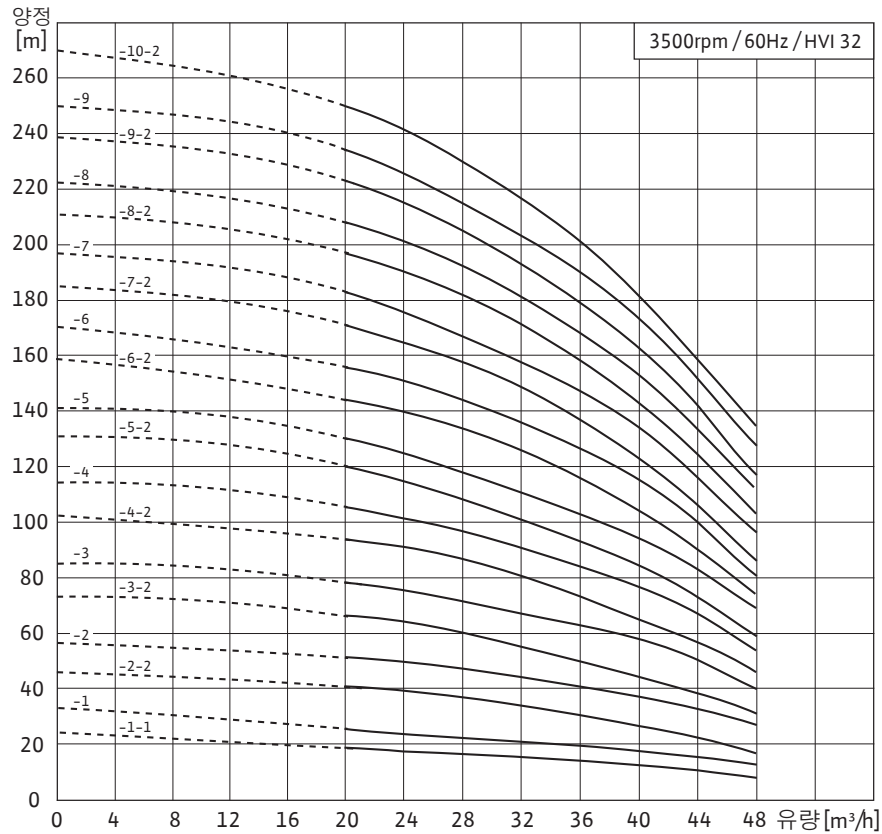


동력 및 외형도

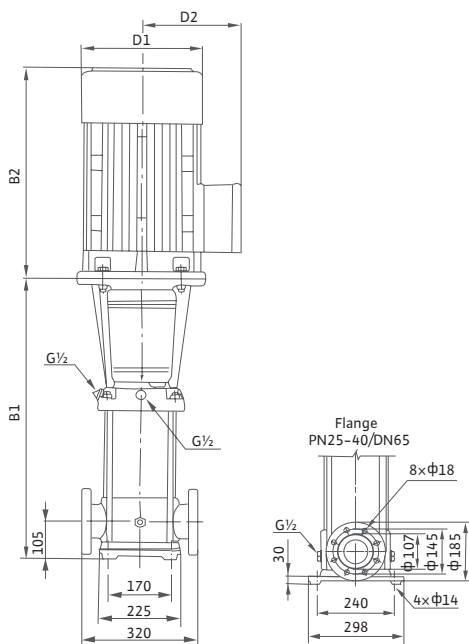


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HVI 2001	2.2	352	275	627	195	146	47
HVI 2002	4	407	327	734	195	147	56
HVI 2003	5.5	472	390	862	253	194	80
HVI 2004	7.5	517	392	909	253	194	86
HVI 2005	11	650	497	1147	284	206	104
HVI 2006	11	695	497	1192	284	206	105
HVI 2007	15	740	497	1237	284	224	115
HVI 2008	15	785	497	1282	284	224	130
HVI 2010	18.5	875	550	1425	330	255	187

HVI 32 Series

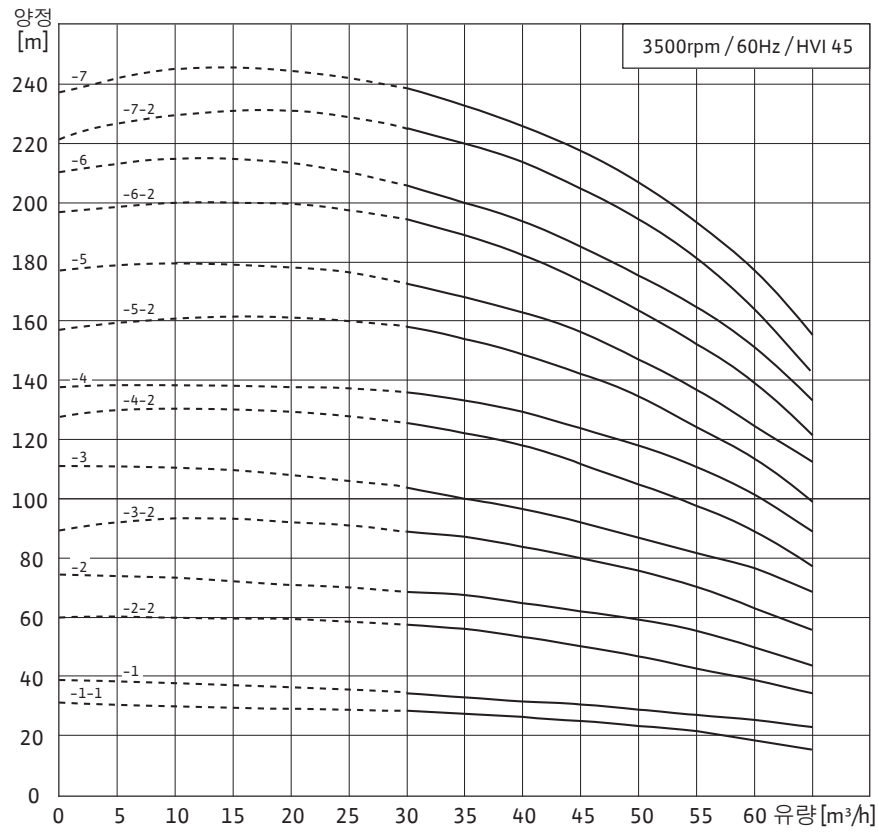


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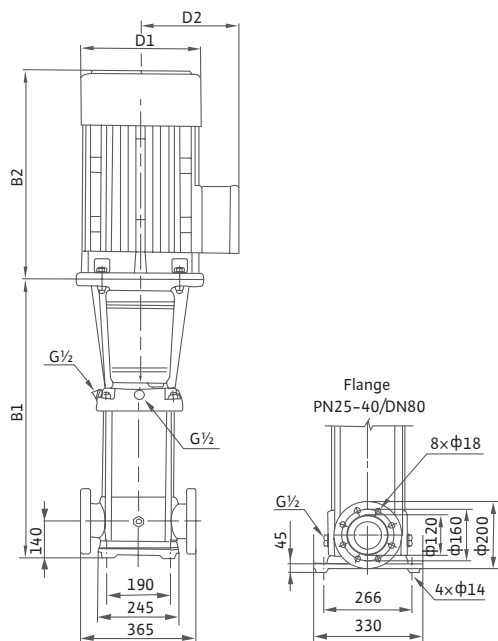


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HV(I) 3201/1	3	505	327	832	195	147	72
HV(I) 3201	4	505	327	832	195	147	76
HV(I) 3202/2	5.5	575	390	965	253	194	99
HV(I) 3202	7.5	575	392	967	253	194	103
HV(I) 3203/2	7.5	645	392	1037	253	194	106
HV(I) 3203	11	750	497	1247	284	206	139
HV(I) 3204/2	11	820	497	1317	284	206	142
HV(I) 3204	15	820	497	1317	284	224	151
HV(I) 3205/2	15	890	497	1387	284	224	154
HV(I) 3205	18.5	890	550	1440	330	255	211
HV(I) 3206/2	18.5	960	550	1510	330	255	216
HV(I) 3206	18.5	960	550	1510	330	255	216
HV(I) 3207/2	22	1030	575	1605	360	285	255
HV(I) 3207	22	1030	575	1605	360	285	255
HV(I) 3208/2	22	1100	575	1675	360	285	259
HV(I) 3208	30	1100	650	1750	400	310	315
HV(I) 3209/2	30	1170	650	1820	400	310	319
HV(I) 3209	30	1170	650	1820	400	310	319
HV(I) 3210/2	30	1240	650	1890	400	310	324

HVI 45 Series

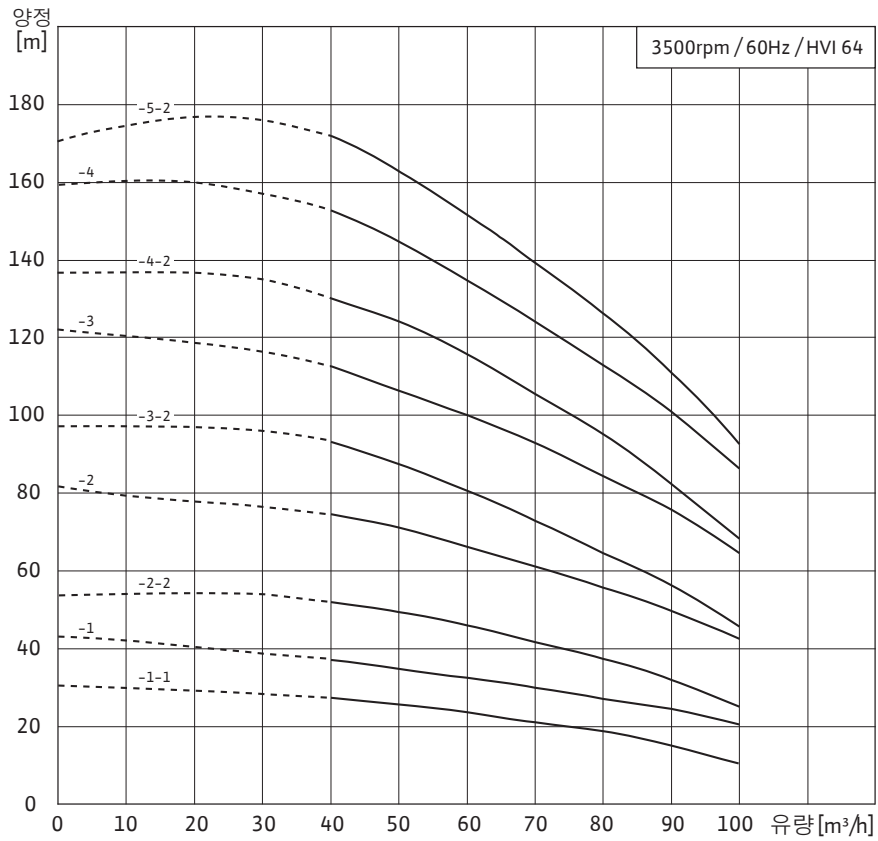


동력 및 외형도

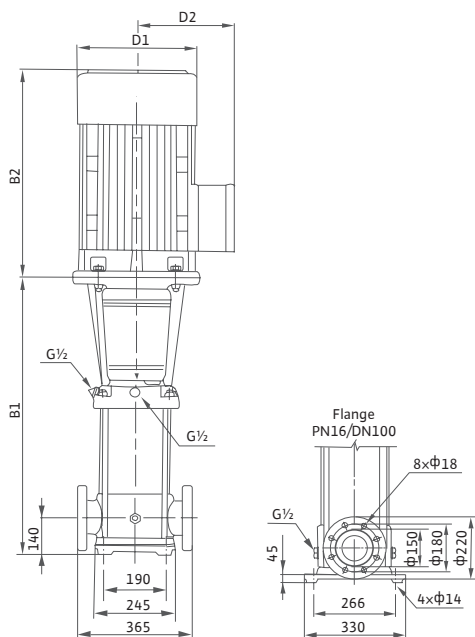


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HV(I) 4501/1	5.5	561	390	951	253	194	109
HV(I) 4501	7.5	561	392	953	253	194	113
HV(I) 4502/2	11	748	497	1245	284	206	149
HV(I) 4502	15	748	497	1245	284	224	158
HV(I) 4503/2	18.5	828	550	1378	330	255	213
HV(I) 4503	18.5	828	550	1378	330	255	213
HV(I) 4504/2	22	908	575	1483	360	285	253
HV(I) 4504	30	908	650	1558	400	310	309
HV(I) 4505/2	30	988	650	1638	400	310	313
HV(I) 4505	30	988	650	1638	400	310	313
HV(I) 4506/2	37	1068	650	1718	400	310	340
HV(I) 4506	37	1068	650	1718	400	310	340
HV(I) 4507/2	45	1148	685	1833	460	340	404
HV(I) 4507	45	1148	685	1833	460	340	404

HVI 64 Series

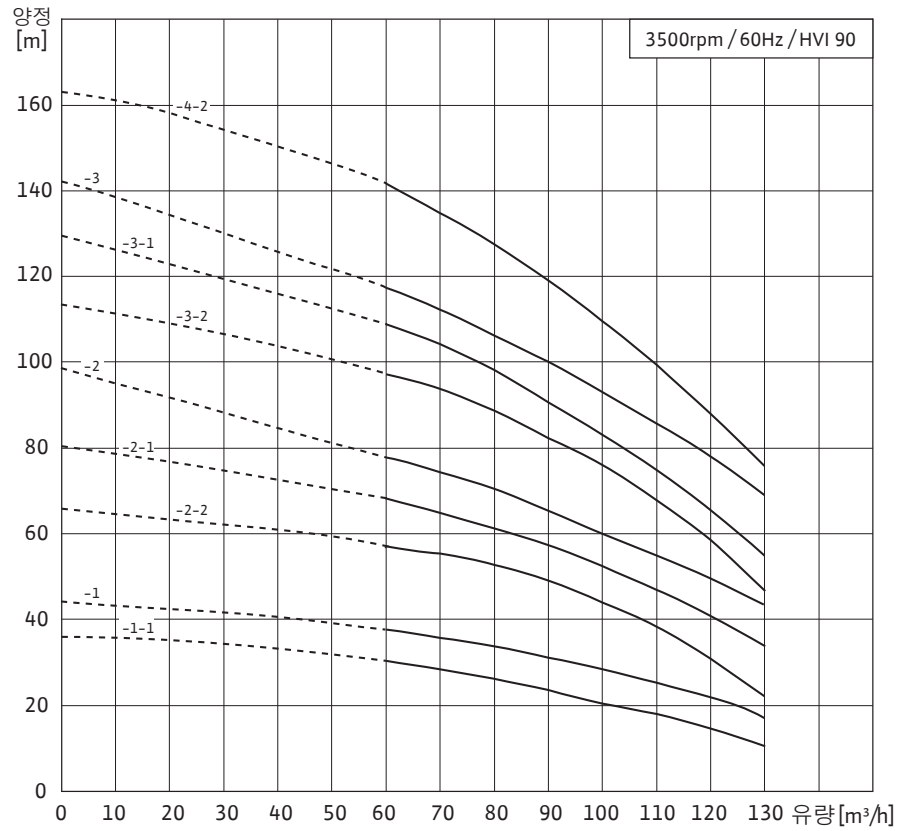


동력 및 외형도

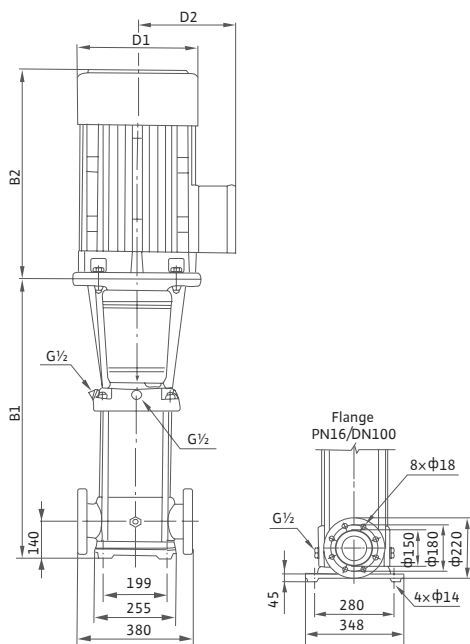


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HV(l) 6401/1	7.5	561	392	953	253	194	111
HV(l) 6401	11	671	497	1168	284	206	146
HV(l) 6402/2	15	754	497	1251	284	224	158
HV(l) 6402	22	754	575	1329	360	285	248
HV(l) 6403/2	22	836	575	1411	360	285	252
HV(l) 6403	30	836	650	1486	400	310	313
HV(l) 6404/2	37	919	650	1569	400	310	336
HV(l) 6404	45	919	685	1604	460	340	398
HV(l) 6405/2	45	1001	685	1686	460	340	402

HVI 90 Series

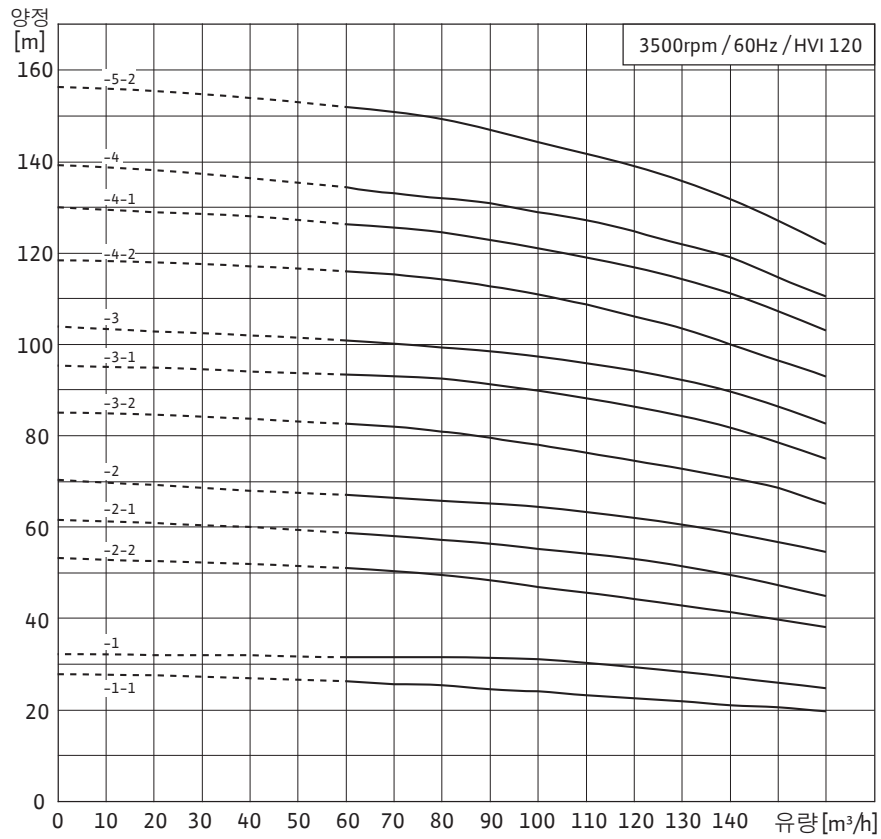


동력 및 외형도

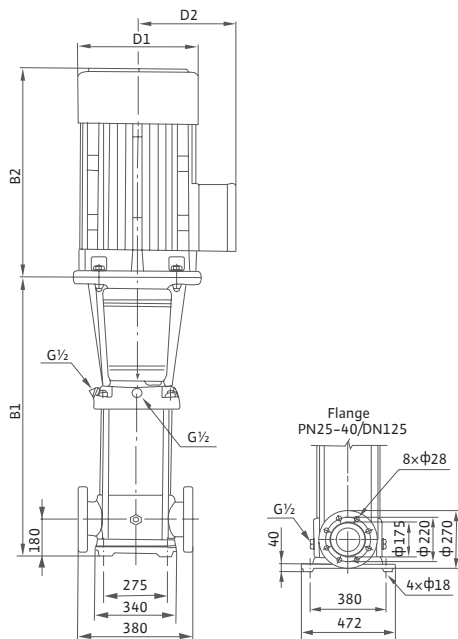


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HV(I) 9001/1	11	571	497	1068	284	206	147
HV(I) 9001	15	571	497	1068	284	224	156
HV(I) 9002/2	18.5	773	550	1323	330	255	211
HV(I) 9002/1	22	773	575	1348	360	285	248
HV(I) 9002	30	773	650	1423	400	310	304
HV(I) 9003/2	37	865	650	1515	400	310	330
HV(I) 9003/1	37	865	650	1515	400	310	330
HV(I) 9003	45	865	685	1550	460	340	392
HV(I) 9004/2	45	957	685	1642	460	340	396

HVI 120 Series

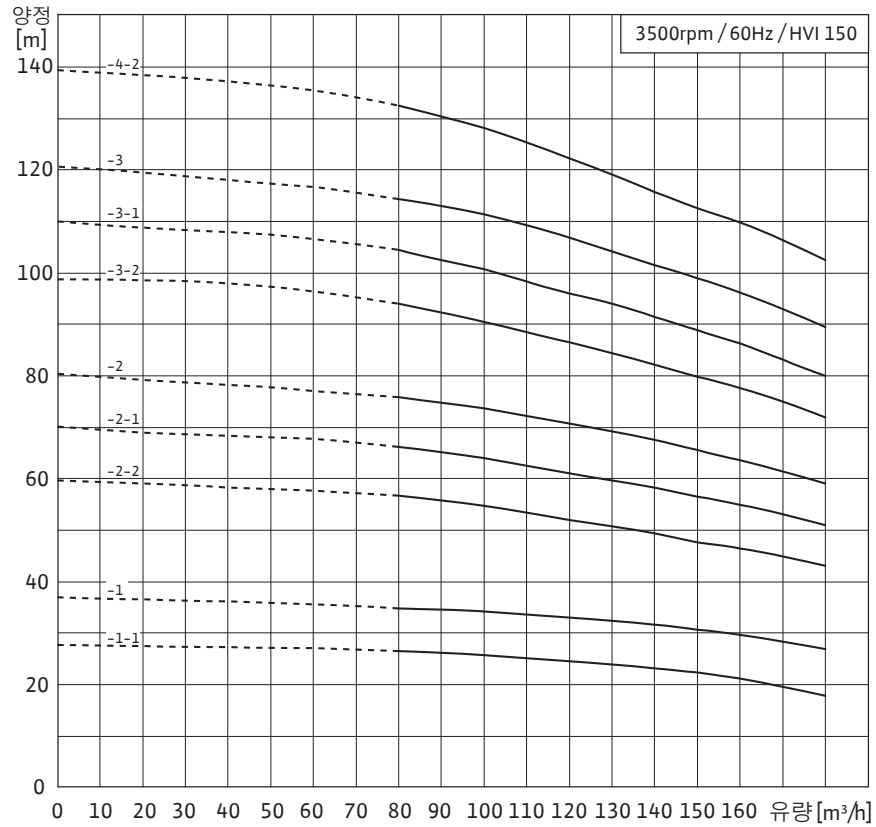


동력 및 외형도

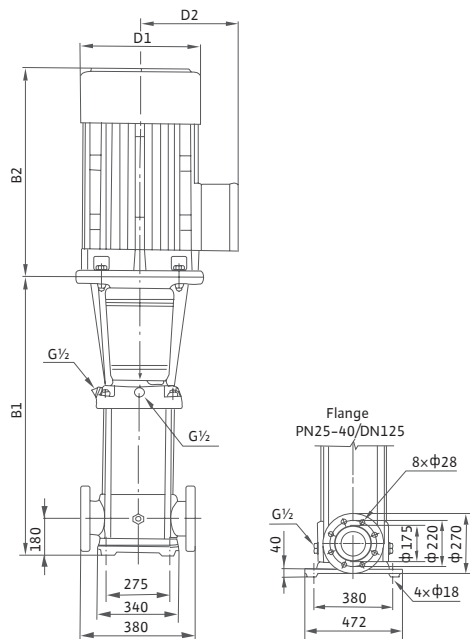


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HV(I) 12001/1	15	840	497	1337	284	224	214
HV(I) 12001	18.5	840	550	1390	330	255	250
HV(I) 12002/2	30	1000	650	1650	400	310	350
HV(I) 12002/1	30	1000	650	1650	400	310	350
HV(I) 12002	37	1000	650	1650	400	310	380
HV(I) 12003/2	45	1160	685	1845	460	340	445
HV(I) 12003/1	45	1160	685	1845	460	340	445
HV(I) 12003	55	1160	760	1920	510	370	545
HV(I) 12004/2	75	1350	845	2195	580	410	675
HV(I) 12004/1	75	1350	845	2195	580	410	675
HV(I) 12004	75	1350	845	2195	580	410	675
HV(I) 12005/2	75	1510	845	2355	580	410	690

HVI 150 Series

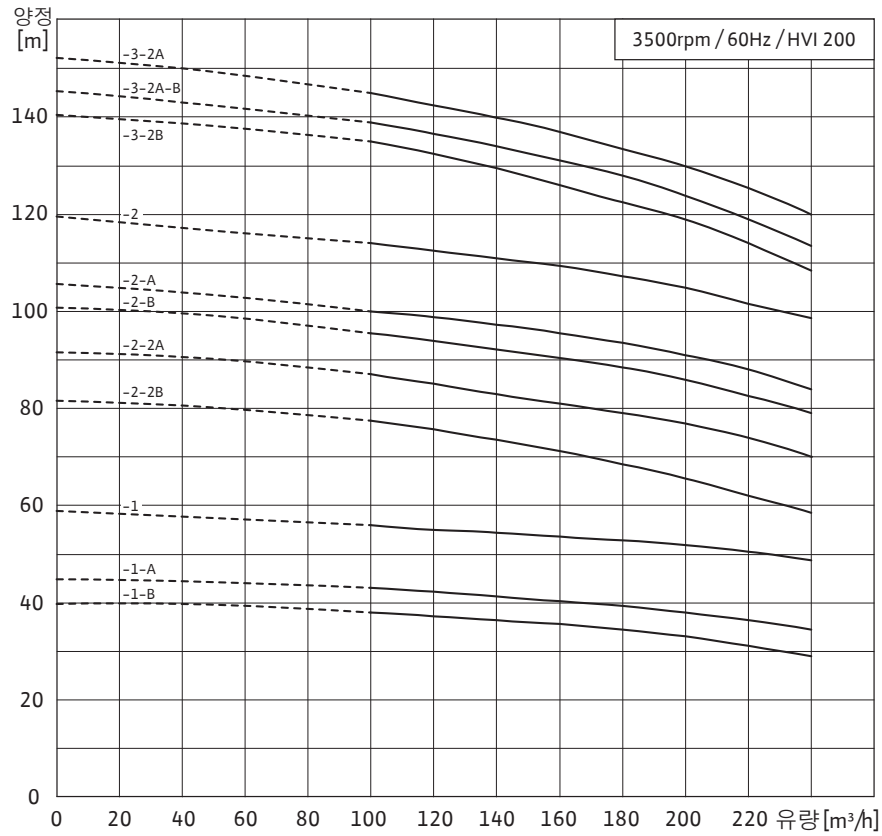


동력 및 외형도

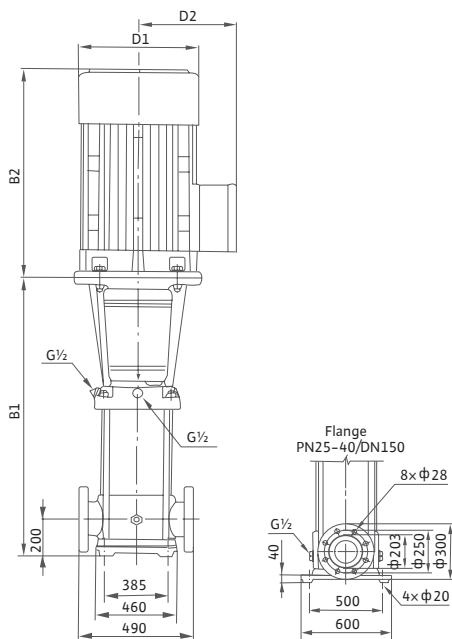


Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HV(I) 15001/1	15	840	497	1337	284	224	214
HV(I) 15001	22	840	575	1415	360	285	280
HV(I) 15002/2	30	1000	650	1650	400	310	360
HV(I) 15002/1	37	1000	650	1650	400	310	380
HV(I) 15002	45	1000	685	1685	460	340	435
HV(I) 15003/2	55	1190	760	1950	510	370	545
HV(I) 15003/1	75	1190	845	2035	580	410	665
HV(I) 15003	75	1190	845	2035	580	410	665
HV(I) 15004/2	75	1350	845	2195	580	410	680

HVI 200 Series



동력 및 외형도



Model	Power (kW)	Size(mm)					Weight (kg)
		B1	B2	B1+B2	D1	D2	
HV(I) 20001/B	30	907	650	1557	400	310	403
HV(I) 20001/A	37	907	650	1557	400	310	426
HV(I) 20001	45	907	685	1592	460	340	484
HV(I) 20002/2B	55	1131	760	1891	510	370	595
HV(I) 20002/2A	75	1131	845	1976	580	410	718
HV(I) 20002/B	75	1131	845	1976	580	410	718
HV(I) 20002/A	90	1131	895	2026	580	410	787
HV(I) 20002	90	1131	895	2026	580	410	787
HV(I) 20003/2B	110	1325	1140	2465	645	550	1158
HV(I) 20003/A/B	110	1325	1140	2465	645	550	1158
HV(I) 20003/2A	110	1325	1140	2465	645	550	1158



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