

TOYO VERTICAL SUBMERSIBLE AGITATOR SAND PUMP

DV/DFV

FEATURE

- DV/DFV series is the vertical pump with the motor on the base plate.
- The motor is not submerged and suitable for the slurry of maximum 80°C. Special equipment suitable for 100°C is also available as a custom-made.
- Oil tank and grease pump is installed on the base plate and it allows easy maintenance.
- Explosion proof motor is also available.



DISCHARGE BORE	80~250mm
PRESSURE	2.2~110kw
SOLID SIZE	14~120mm

SPECIFICATION

MODEL	BORE (mm)	STANDARD		SOLID SIZE (mm)	MOTOR	
		HEAD (m)	CAPACITY (m³/min)		OUTPUT (kW)	POLE (P)
DV-3-4	80	7	0.5	20	2.2	4
DV-5-4	80	12	0.5	20	3.7	4
DV-7.5-4	80	15	0.5	25	5.5	4
DV-7.5B-4	100	12	1.0	25	5.5	4
DV-10-4	100	15	1.0	25	7.5	4
DV-10H-4	100	20	0.8	14	7.5	4
DFV-15	100	15	1.5	35	11	6
DFV-15H *	100	17	1.5	35	11	6
DFV-15B	150	8	3.2	60	11	6
DFV-20	100	20	1.5	35	15	6
DFV-20H	100	22	1.5	15	15	6
DFV-20B	150	10	3.2	60	15	6
DFV-30	100	30	1.5	35	22	6
DFV-30B	150	15	3.2	60	22	6
DFV-30BH *	150	20	3.2	60	22	6
DFV-40B	200	12	6	40	30	6
DFV-50	150	25	3.2	60	37	6
DFV-50H	150	28	3.2	40	37	6
DFV-50B	200	15	6	60	37	6
DFV-50BL	250	5	12	100	37	6
DFV-60B *	200	22	6	60	45	6
DFV-75B	200	28(22)	6	60(40)	55	6

DFV-75BH *	200	40	3.2	40	55	6
DFV-100B-4	200	30	6	60	75	8
DFV-100BH-4 *	200	35	6	45	75	8
DFV-100BL-4	250	15	12	100	75	8
DFV-150-4	200	40	6.5	120	110	10
DFV-150L-4	200	30	8	120	110	10
DFV-150B-4	250	22	12	120	110	10

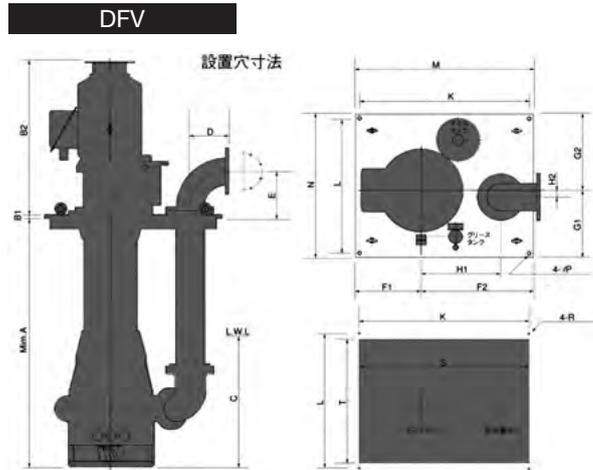
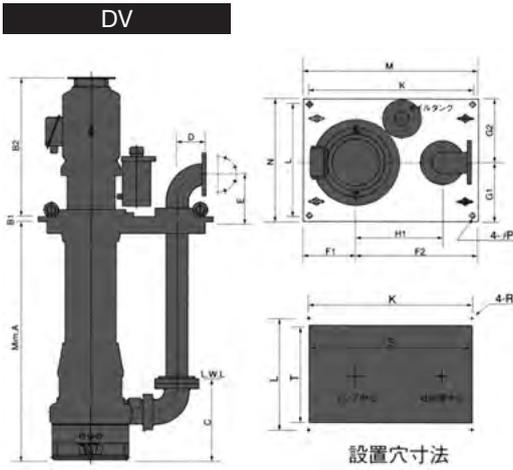
- Specifications are changeable without notice. Please ask for Specification Sheet for the details.
- Various size of base plate/length below the base plate is available as a custom-made.
- Custom made equipments are also available.
- * only 60Hz available.
- Figures inside () are for 50Hz.

SIZE

Unit : mm

MODEL	A	B1	B2	C	D	E	F1	F2	G1	G2	H1	H2	K	L	M	N	P	R	S	T
DV-3-4	600	19	540	400	120	200	220	510	250	270	363	-	680	470	730	520	24	M20	680	410
DV-5-4	600	19	590	400	120	200	220	510	250	270	363	-	720	520	730	520	24	M20	680	410
DV-7.5-4	700	19	666	450	120	200	250	520	275	295	373	-	720	520	770	570	24	M20	720	460
DV-7.5B-4	700	190	666	450	160	200	260	575	275	305	413	-	785	530	835	580	24	M20	785	470
DV-10-4	700	19	704	450	160	200	260	575	275	305	413	-	785	530	835	580	24	M20	785	470
DV-10H-4 *	700	19	704	450	160	200	260	575	275	305	413	-	785	530	835	580	24	M20	785	470
DV-10H-4 *	700	19	704	450	160	200	290	605	310	340	443	-	845	600	895	650	24	M20	845	540
DFV-15	1100	22	893	700	160	205	320	540	340	375	380	41	810	665	860	715	24	M20	810	595
DFV-15H *	1100	22	893	700	160	205	320	540	340	375	380	41	810	665	860	715	24	M20	810	595
DFV-15B	110	22	893	700	235	280	340	610	350	405	416	55	900	705	950	755	24	M20	900	635
DFV-20	1100	22	921	700	160	205	360	580	380	415	419	23	890	745	940	795	24	M20	890	675
DFV-20H	1100	22	921	700	160	205	360	580	380	415	719	23	890	745	940	795	24	M20	890	675
DFV-20B	110	22	921	700	235	280	340	610	350	405	416	55	900	705	950	755	24	M20	900	635
DFV-30	1200	22	959	750	160	205	400	625	420	455	462	9	975	825	1025	875	24	M20	975	755
DFV-30B	1200	22	959	750	235	280	395	670	405	460	470	37	1015	815	1065	865	24	M20	1015	745
DFV-30BH *	1200	22	959	750	235	280	395	670	405	460	476	37	1015	815	1065	865	24	M20	1015	745
DFV-40B	1200	22	1094	750	310	355	395	755	405	460	497	59	1100	815	1150	865	24	M20	1100	745
DFV-50	1300	25	1111	850	235	285	425	710	440	500	511	30	1075	880	1135	940	28	M24	1075	800
DFV-50H *	1300	25	1111	850	235	285	425	710	440	500	511	30	1075	880	1135	940	28	M24	1075	800
DFV-50H *	1300	25	1111	850	235	285	450	760	470	515	560	66	1150	925	1210	985	28	M24	1150	845
DFV-50B	1300	25	1111	850	310	360	425	760	440	500	532	52	1125	880	1185	940	28	M24	1125	800
DFV-50BL	1400	25	1111	900	385	435	500	950	485	575	688	179	1390	1000	1450	1060	28	M24	1390	920
DFV-60B *	1400	25	1161	850	310	360	425	760	440	500	532	52	1125	880	1185	940	28	M24	1125	800
DFV-75B *	1400	25	1247	850	310	360	425	760	440	500	532	52	1125	880	1185	940	28	M24	1125	800
DFV-75B *	1400	25	1247	850	310	360	450	810	470	515	52	87	1200	925	1260	985	28	M24	1200	845
DFV-75BH *	1400	250	1247	850	310	360	450	810	470	515	582	87	1200	925	1260	985	28	M24	1200	845
DV-100B-4	1600	28	1441	950	310	365	560	940	580	640	702	94	1420	1140	1500	1220	28	M24	1420	1040
DV-100BH-4 *	1600	28	1441	950	310	365	560	940	580	640	702	94	1420	1140	1500	1220	28	M24	1420	1040
DV-100BL-4	1800	28	1441	1150	385	440	665	1120	670	755	851	59	1705	1345	1785	1425	28	M24	1705	1245
DV-150-4	2200	32	1764	1400	310	370	675	1070	695	755	835	57	1665	1370	1745	1450	28	M24	1370	1270
DV-150L-4	2200	32	1764	1400	310	370	675	1070	695	755	835	57	1665	1370	1745	1450	28	M24	1370	1270
DV-150B-4	2200	32	1764	1450	385	445	665	1155	675	755	886	136	1740	1350	1820	1430	28	M34	1350	1250

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- Custom made equipments are also available.
- * only 50Hz available.
- * only 60Hz available.
- JIS 10kg/cm³ flange is adopted.



PERFORMANCE CURVES

