

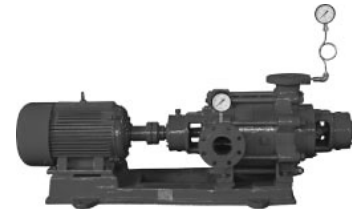
XBD FIRE PUMP



XBD**/**-**L
Vertical Single-stage and Fire Pump Group



XBD**/**-**W
Horizontal Single-stage Fire Pump Group



XBD**/**-**DW
Horizontal Multistage Fire Pump Group



XBD**/**-**DL
Vertical Multistage Fire Pump Group

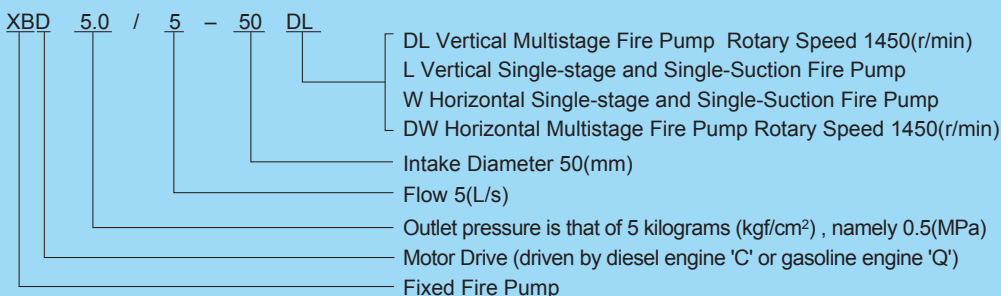
PRODUCT PROFILE

XBD series fixed fire pumps are late-model products developed strictly in accordance with the lately-issued GB6245-1998 Performance Requirements and Testing Methods for Fire Pumps responding to the actual and special needs in market. Tested by National Quality Supervision & Test Center for Fire Fighting Equipment, they are conforming to or even higher than the standard in respect of performance index. XBD series are provided with four structural types to meet the different requirements of users, including vertical single-stage, vertical multistage, horizontal single-stage and horizontal multistage.

APPLICABILITY

XBD series fire pumps are mainly used in the hydrant and automatic spray extinguishing systems etc. in the fixed fire fighting system in enterprises, institutions, project construction, high-rises and so on, to deliver clean water and mediums similar to water regarding physiochemical property, not containing solid granules and of temperature below 100°C. They are also used in the common water supply system for fire control, life and production, and water supply and drainage in constructions and municipal projects, and so on.

TYPE MEANING



PERFORMANCE PARAMETER AND INSTALLATION DIMENSIONS

Type	Q (m³/h) Discharge	MPa Pressure	% Efficiency	kW Power	r/min Rotary Speed	Necessary (NPSH) _r (m)	Outline and Mounting Dimensions							Specs of Vibration Isolator	kg Weight	
							L	B	H	H ₁	A	C ₁ ×B ₁	C ₂ ×B ₂			4-φ ₁
2.5/5-65L	3.5	0.28	52	3	2900	2.5	360	305	550	120	100	140×200	100×160	4-φ18	SD61-0.5	63
	5	0.25	58													
	7	0.22	57													
3.4/5-65L	3.5	0.36	54	4	2900	2.5	360	305	570	120	100	140×200	100×160	4-φ18	SD61-0.5	75
	5	0.34	63													
	7	0.32	60													
4.5/5-65L	3.5	0.48	48	7.5	2900	2.5	380	350	635	125	105	140×200	100×160	4-φ18	SD61-0.5	07
	5	0.45	57													
	7	0.42	58													
5.2/5-65L	3.5	0.55	49	7.5	2900	2.5	380	350	635	125	105	140×200	100×160	4-φ18	SD61-0.5	107
	5	0.52	58													
	7	0.50	59													
6.0/5-65L	3.5	0.63	38	11	2900	2.5	480	435	787	210	110	160×220	120×180	4-φ18	JGD2-3	170
	5	0.60	49													
	7	0.58	54													
7.1/5-65L	3.5	0.74	39	11	2900	2.5	480	435	785	210	110	160×220	160×220	4-φ18	JGD2-3	170
	5	0.71	50													
	7	0.69	52													
8.2/5-65L	3.5	0.85	39	15	2900	2.5	480	435	785	210	110	160×220	100×160	4-φ18	JGD2-3	180
	5	0.82	50													
	7	0.80	52													
10.2/5-65L	3.5	1.05	35	18.5	2900	2.5	550	435	830	210	110	190×280	150×240	4-φ18	JGD2-3	225
	5	1.02	39													
	7	1.00	38													
11.4/5-65L	3.5	1.17	32	22	2900	2.5	550	470	855	210	100	190×280	150×240	4-φ18	JGD2-3	225
	5	1.14	40													
	7	1.12	44													
2.5/10-80L	7	0.28	62	5.5	2900	3.0	400	360	660	145	125	140×120	100×160	4-φ18	SD61-0.5	98
	10	0.25	69													
	14	0.22	68													
3.2/10-80L	7	0.35	63	7.5	2900	3.0	400	360	660	145	125	140×120	100×160	4-φ18	SD61-0.5	105
	10	0.32	71													
	14	0.30	70													
3.9/10-80L	7	0.42	60	7.5	2900	3.0	430	360	665	225	125	140×120	100×160	4-φ18	JGD2-3	115
	10	0.39	65													
	14	0.36	63													
5.3/10-80L	7	0.57	55	15	2900	3.0	430	430	795	225	125	140×120	100×160	4-φ18	JGD2-3	175
	10	0.53	67													
	14	0.50	68													
6.1/10-80L	7	0.64	50	15	2900	3.0	480	430	805	230	130	160×220	120×180	4-φ18	JGD2-3	185
	10	0.61	58													
	14	0.56	56													
7.1/10-80L	7	0.74	52	18.5	2900	3.0	480	430	850	230	130	160×220	120×180	4-φ18	JGD2-3	210
	10	0.71	59													
	14	0.67	60													
8.3/10-80L	7	0.86	52	22	2900	3.0	480	465	870	230	130	160×220	120×180	4-φ18	JGD2-3	240
	10	0.83	59													
	14	0.80	60													
10.1/10-80L	7	1.04	48	30	2900	3.0	580	530	1000	230	130	190×280	150×240	4-φ18	JGD2-3	340
	10	1.01	53													
	14	0.99	51													
3/15-80L	10	0.35	63	7.5	2900	3.0	400	360	660	145	125	140×220	100×160	4-φ18	SD61-0.5	105
	15	0.30	71													
	17	0.28	70													

PERFORMANCE PARAMETER AND INSTALLATION DIMENSIONS

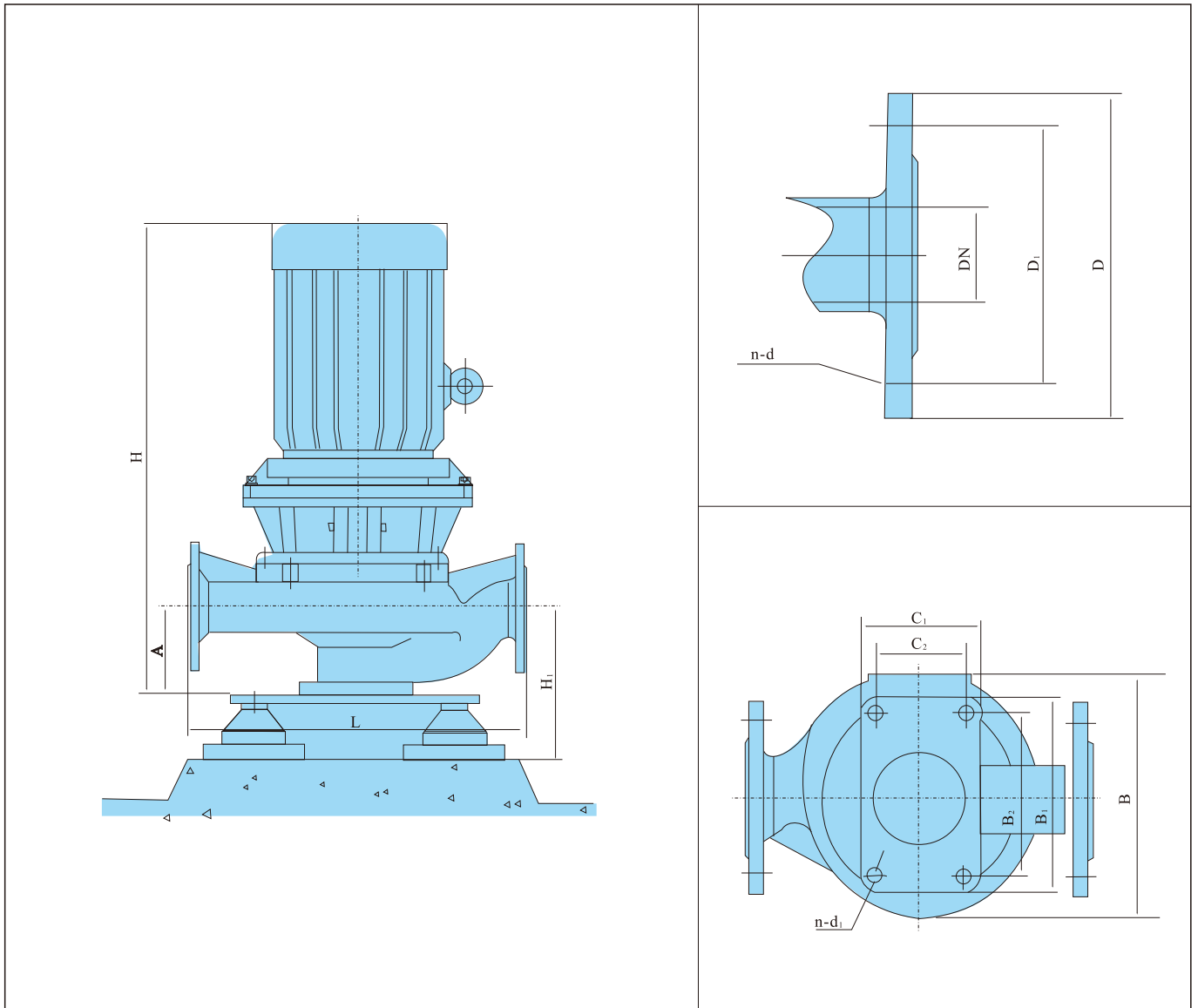
Type	Discharge Q (m³/h)	Pressure MPa	Efficiency %	Power kW	Rotary Speed r/min	Necessary (NPSH) _r (m)	Outline and Mounting Dimensions							Specs of Vibration Isolator	kg Weight	
							L	B	H	H ₁	A	C ₁ ×B ₁	C ₂ ×B ₂			4-φ ₁
3.5/15-80L	10	0.39	60	7.5	2900	3.0	430	360	665	225	125	140×200	100×160	4-φ18	JGD2-3	115
	15	0.35	65													
	17	0.32	63													
4.2/15-80L	10	0.46	54	11	2900	3.0	430	430	795	225	125	140×200	100×160	4-φ18	JGD2-3	165
	15	0.42	66													
	17	0.40	67													
5.5/15-80L	10	0.61	50	15	2900	3.0	480	430	805	230	130	160×220	120×180	4-φ18	JGD2-3	185
	15	0.55	58													
	17	0.52	56													
6.6/15-80L	10	0.71	52	18.5	2900	3.0	480	430	850	230	130	160×220	120×180	4-φ18	JGD2-3	210
	15	0.66	59													
	17	0.63	60													
8.3/15-80L	10	0.86	45	22	2900	3.0	580	470	885	230	130	190×280	150×240	4-φ18	JGD2-3	275
	15	0.83	51													
	17	0.80	50													
10.8/15-80L	10	1.12	43	30	2900	3.0	580	530	1000	230	130	190×280	150×240	4-φ18	JGD2-3	340
	15	1.08	54													
	17	1.06	57													
12.7/15-80L	10	1.36	60	37	2900	3.0	630	545	975	280	130	210×260	150×220	4-φ18	JSD-85	440
	15	1.27	63													
	17	1.20	62													
3.0/20-100L	15	0.34	68	11	2900	4.5	500	430	835	260	160	160×220	120×180	4-φ18	JGD2-3	181
	20	0.30	74													
	25	0.28	67													
3.9/20-100L	15	0.42	65	15	2900	4.0	480	430	815	240	140	160×220	120×180	4-φ18	JGD2-3	193
	20	0.39	71													
	25	0.35	70													
4.6/20-100L	15	0.50	64	18.5	2900	4.0	480	430	860	240	140	160×220	120×180	4-φ18	JGD2-3	215
	20	0.46	73													
	25	0.44	72													
5.3/20-100L	15	0.56	65	22	2900	4.0	480	475	880	240	140	160×220	120×180	4-φ18	JGD2-3	245
	20	0.53	74													
	25	0.51	73													
6.2/20-100L	15	0.67	60	30	2900	4.0	550	520	1015	275	155	160×220	120×180	4-φ18	JGD3-2	330
	20	0.62	66													
	25	0.59	64													
8.6/20-100L	15	0.90	62	37	2900	4.0	550	520	1015	275	155	160×220	120×180	4-φ18	JGD3-2	345
	20	0.86	69													
	25	0.82	68													
10.4/20-100L	15	1.08	60	45	2900	4.0	640	580	1080	285	165	250×300	210×260	4-φ18	JGD3-2	439
	20	1.04	65													
	25	1.01	63													
13.1/20-100L	15	1.35	55	75	2900	4.0	640	700	1235	285	165	250×300	210×260	4-φ18	JGD3-2	689
	20	1.31	66													
	25	1.26	67													
3.3/25-100L	20	0.36	70	15	2900	4.5	500	430	835	260	160	160×220	120×180	4-φ18	JGD2-3	191
	25	0.33	76													
	30	0.30	65													
4.4/25-100L	20	0.46	64	18.5	2900	4.0	480	430	860	240	140	160×220	120×180	4-φ18	JGD2-3	215
	25	0.44	73													
	30	0.38	72													
5.1/25-100L	20	0.53	65	22	2900	4.0	480	475	880	240	140	160×220	120×180	4-φ18	JGD2-3	245
	25	0.51	74													
	30	0.49	73													

PERFORMANCE PARAMETER AND INSTALLATION DIMENSIONS

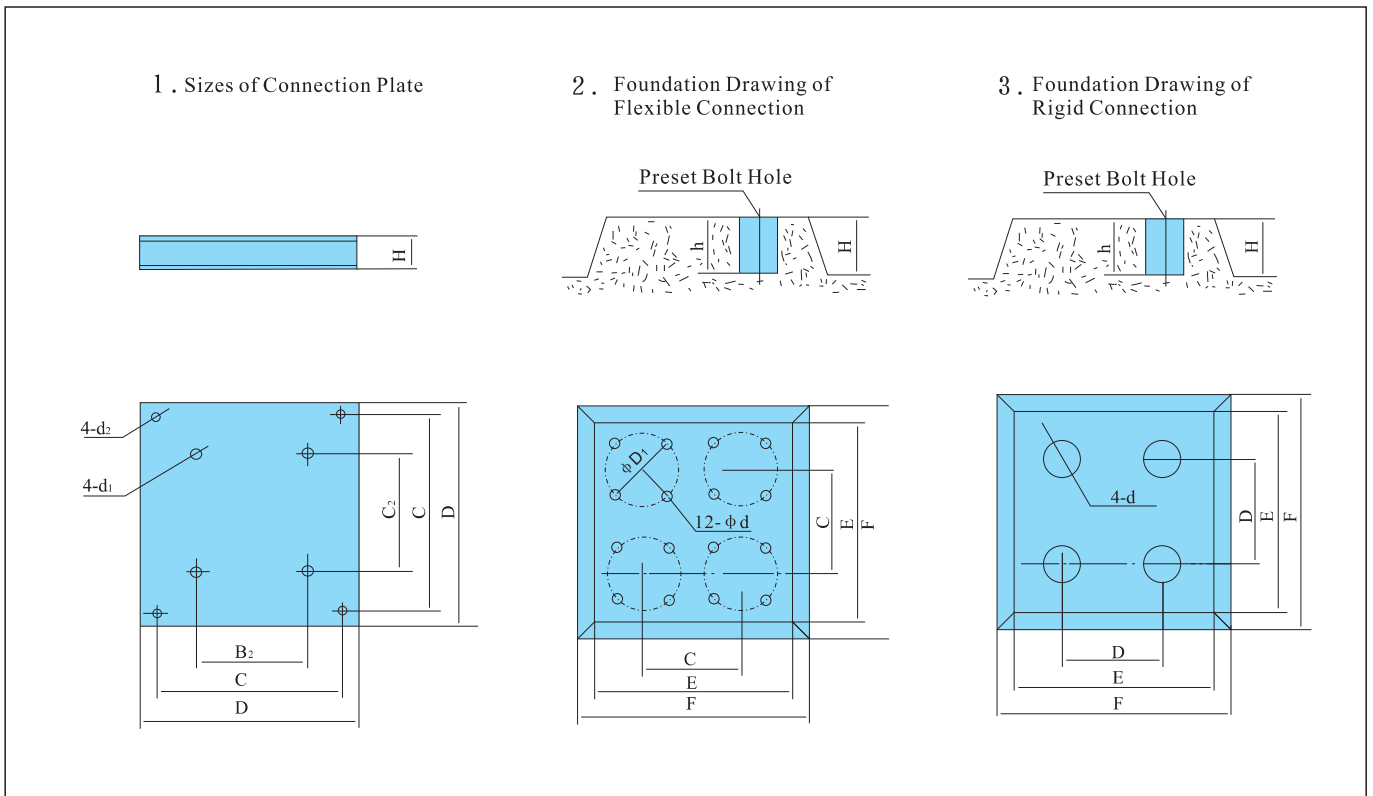
Type	Q (m³/h)	MPa	%	kW	r/min	Necessary (NPSH) _r (m)	Outline and Mounting Dimensions							Specs of Vibration Isolator	kg Weight	
	Discharge	Pressure	Efficiency	Power	Rotary Speed		L	B	H	H ₁	A	C ₁ ×B ₁	C ₂ ×B ₂			4-φ ₁
5.9/25-100L	20	0.62	60	30	2900	4.0	550	520	1015	275	155	160×220	120×180	4-φ18	JGD3-2	330
	25	0.59	66													
	30	0.52	64													
7.0/25-100L	20	0.74	61	30	2900	4.0	550	520	1015	275	155	160×220	120×180	4-φ18	JGD3-2	330
	25	0.70	68													
	30	0.61	67													
8.2/25-100L	20	0.86	62	37	2900	4.0	550	520	1015	275	155	160×220	120×180	4-φ18	JGD3-2	345
	25	0.82	69													
	30	0.79	68													
10.1/25-100L	20	1.04	60	45	2900	4.0	640	580	1080	285	165	250×300	210×260	4-φ18	JGD3-2	439
	25	1.01	65													
	30	0.95	63													
11.3/25-100L	20	1.17	65	55	2900	4.0	640	640	1165	285	165	250×300	210×260	4-φ18	JGD3-2	549
	25	1.13	66													
	30	1.05	67													
3.3/30-100L	20	0.36	70	15	2900	4.5	500	430	835	260	160	160×220	120×180	4-φ18	JGD2-3	191
	30	0.30	76													
	35	0.24	65													
4.4/30-100L	20	0.46	64	18.5	2900	4.0	480	430	860	240	140	160×220	120×180	4-φ18	JGD2-3	215
	30	0.38	73													
	35	0.36	72													
5.1/30-100L	20	0.53	65	22	2900	4.0	480	475	880	240	140	160×220	120×180	4-φ18	JGD2-3	245
	30	0.49	74													
	35	0.42	73													
7.0/30-100L	20	0.74	61	30	2900	4.0	550	520	1015	275	155	160×220	120×180	4-φ18	JGD3-2	330
	30	0.61	68													
	35	0.58	67													
8.2/30-100L	20	0.86	62	37	2900	4.0	550	520	1015	275	155	160×220	120×180	4-φ18	JGD3-2	345
	30	0.79	69													
	35	0.68	68													
10.1/30-100L	20	1.04	60	45	2900	4.0	640	580	1080	285	165	250×300	210×260	4-φ18	JGD3-2	439
	30	0.95	65													
	35	0.90	63													
11.3/30-100L	20	1.17	65	55	2900	4.0	640	640	1165	285	165	280×300	210×260	4-φ18	JGD3-2	549
	30	1.05	66													
	35	1.02	67													
12.6/30-100L	20	1.31	55	75	2900	4.0	640	700	1235	285	165	250×300	210×260	4-φ18	JGD3-2	689
	30	1.23	66													
	35	1.14	67													
3.4/40-125L	28	0.36	74	22	2900	4.0	520	460	920	275	175	190×280	150×240	4-φ18	JGD2-3	265
	40	0.34	78													
	45	0.32	76													
4.5/40-125L	28	0.48	70	30	2900	5.5	570	510	1040	295	175	250×300	200×260	4-φ18	JGD3-2	380
	40	0.45	76													
	45	0.43	75													
5.2/40-125L	28	0.55	71	37	2900	5.5	570	510	1040	295	175	250×300	200×261	4-φ18	JGD3-2	395
	40	0.52	77													
	45	0.50	74													
5.8/40-125L	28	0.62	68	37	2900	5.5	680	510	1050	290	170	250×300	200×250	4-φ22	JGD3-2	430
	40	0.58	73													
	45	0.55	71													
7.2/40-125L	28	0.76	68	45	2900	5.5	680	570	1080	290	170	250×300	200×250	4-φ22	JGD3-2	490
	40	0.72	74													
	45	0.69	70													

PERFORMANCE PARAMETER AND INSTALLATION DIMENSIONS

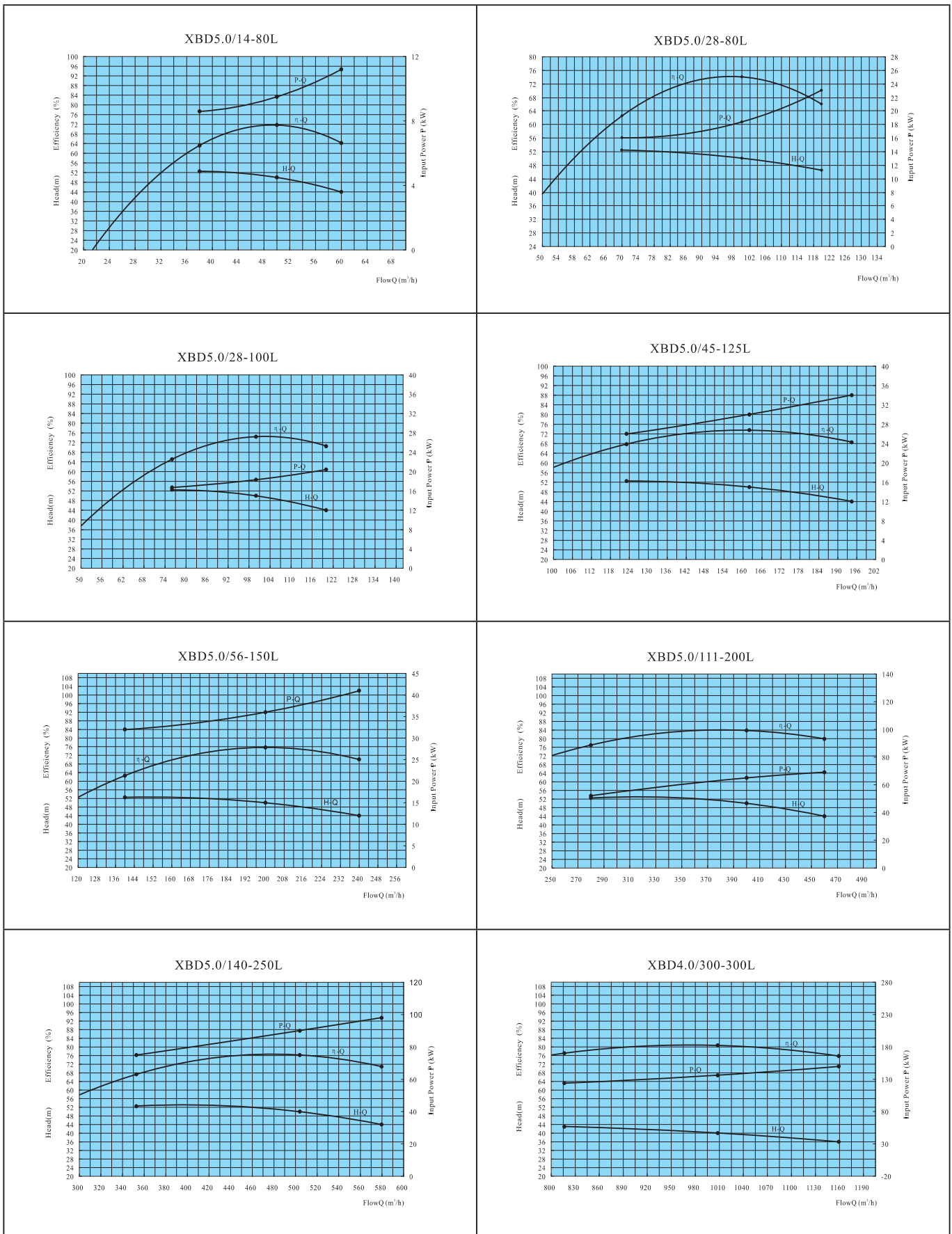
Type	Q (m³/h) Discharge	MPa Pressure	% Efficiency	kW Power	r/min Rotary Speed	Necessary (NPSH)r (m)	Outline and Mounting Dimensions							Specs of Vibration Isolator	kg Weight	
							L	B	H	H ₁	A	C ₁ ×B ₁	C ₂ ×B ₂			4-φ ₁
8.8/40-125L	28	0.90	60	55	2900	5.0	680	660	1230	300	180	300×350	230×280	4-φ22	JGD3-3	585
	40	0.88	67													
	45	0.86	66													
9.8/40-125L	28	1.00	62	75	2900	5.0	680	685	1350	300	180	300×350	230×280	4-φ22	JGD3-3	705
	40	0.98	69													
	45	0.96	66													
11.2/40-125L	28	1.16	65	75	2900	5.0	680	685	1300	300	180	300×350	230×280	4-φ22	JGD3-3	710
	40	1.12	70													
	45	1.08	68													
3.4/45-125L	30	0.38	70	22	2900	5.5	570	460	1040	295	175	250×300	200×260	4-φ18	JGD3-2	320
	45	0.34	75													
	50	0.30	72													
4.3/45-125L	30	0.47	70	30	2900	5.5	570	510	1040	295	175	250×300	200×260	4-φ18	JGD3-2	380
	45	0.43	76													
	50	0.40	75													
5.5/45-125L	30	0.61	68	37	2900	5.5	680	510	1050	290	170	250×300	200×250	4-φ22	JGD3-2	430
	45	0.55	73													
	50	0.50	71													
6.9/45-125L	30	0.75	68	45	2900	5.5	680	570	1080	290	170	250×300	200×250	4-φ22	JGD3-2	490
	45	0.69	74													
	50	0.64	70													
8.0/45-125L	30	0.86	70	55	2900	5.5	680	660	1180	290	170	250×300	200×250	4-φ22	JGD3-2	580
	45	0.80	75													
	50	0.75	72													
9.6/45-125L	30	1.00	62	75	2900	5.0	680	685	1350	300	180	300×350	230×280	4-φ22	JGD3-3	705
	45	0.96	69													
	50	0.92	66													
10.8/45-125L	30	1.15	65	75	2900	5.0	680	685	1300	300	180	300×350	230×280	4-φ22	JGD3-3	710
	45	1.08	70													
	50	1.04	68													
12.5/45-125L	30	1.30	65	90	2900	5.0	680	685	1350	300	180	300×350	230×280	4-φ22	JGD3-2	790
	45	1.25	70													
	50	1.21	68													
3.7/50-150L	35	0.40	68	30	1450	3.5	800	560	1075	330	210	250×300	210×260	4-φ22	JGD3-3	435
	50	0.37	73													
	55	0.34	70													
4.4/50-150L	35	0.47	67	37	1450	3.5	800	595	1095	330	210	250×300	210×260	4-φ22	JGD3-3	454
	50	0.44	74													
	55	0.41	70													
5.2/50-150L	35	0.54	68	45	1450	3.5	800	595	1120	330	210	250×300	210×260	4-φ22	JGD3-3	490
	50	0.52	75													
	55	0.50	71													
5.9/50-150L	35	0.63	63	45	2900	4.5	700	585	1115	315	195	250×300	210×260	4-φ22	JGD3-3	460
	50	0.59	74													
	55	0.54	72													
7.0/50-150L	35	0.74	64	55	2900	4.5	700	640	1200	315	195	250×300	210×260	4-φ22	JGD3-3	561
	50	0.70	75													
	55	0.65	73													
8.2/50-150L	35	0.86	65	75	2900	4.5	700	700	1280	315	195	250×300	210×260	4-φ22	JGD3-3	702
	50	0.82	76													
	55	0.80	74													
9.4/50-150L	35	0.97	55	75	2900	4.5	760	700	1210	320	200	250×300	210×260	4-φ22	JGD3-3	724
	50	0.94	70													
	55	0.91	72													
11.0/50-150L	35	1.14	57	90	2900	4.5	760	700	1330	320	200	250×300	210×260	4-φ22	JGD3-3	800
	50	1.10	72													
	55	1.06	74													

ACCESSORIES AND MOUNTING DIMENSIONS

SIZES OF INLET AND OUTLET FLANGES

DN	D	D ₁	n-d
Φ65	Φ185	Φ145	4-Φ18
Φ80	Φ200	Φ160	8-Φ18
Φ100	Φ220	Φ180	8-Φ18
Φ125	Φ250	Φ210	8-Φ18
Φ150	Φ285	Φ240	8-Φ22

DIAGRAMMATIC SKETCH

SIZES AND EXTERNAL SIZES

Type	Connecting Sizes						Basic Sizes of Flexible Connection						Basic Sizes of Rigid Connection						
	C ₂ ×B ₂	C×C	D×D	h	Φd ₁	Φd ₁	H	E	F	C	ΦD ₁	Φd	h	H	E	F	C	Φd	h
1	45×70	240×240	300×300	55	Φ14	Φ14	200	450	500	240	/	/	/	200	450	500	240	60	200
2	50×80	240×240	300×300	55	Φ14	Φ14	200	450	500	240	/	/	/	200	450	500	240	60	200
3	60×100	240×240	300×300	55	Φ14	Φ14	200	450	500	240	/	/	/	200	450	500	240	60	200
4	70×120	240×240	300×300	55	Φ18	Φ16	200	450	500	240	/	/	/	200	450	500	240	60	200
5	80×130	240×240	300×300	55	Φ18	Φ16	200	450	500	240	/	/	/	200	450	500	240	60	200
6	100×160	340×340	400×400	55	Φ18	Φ16	250	650	700	340	150	Φ14.5	60	250	650	700	340	80	250
7	120×180	340×340	400×400	55	Φ18	Φ16	250	650	700	340		Φ14.5	60	250	650	700	340	80	250
8	160×220	340×340	400×400	55	Φ22	Φ16	250	650	700	340		Φ14.5	60	250	650	700	340	80	250
9	150×240	340×340	400×400	55	Φ22	Φ16	250	650	700	340		Φ14.5	60	250	650	700	340	80	250
10	210×260	440×440	500×500	55	Φ22	Φ16orΦ18	300	750	800	440	200	Φ14.5	60	300	750	800	440	80	250
11	230×280	440×440	500×500	55	Φ22	Φ16orΦ18	300	750	800	440		Φ14.5	60	300	750	800	440	80	250
12	250×320	540×540	600×600	55	Φ22	Φ16orΦ18	300	800	850	500	250	Φ14.5	60	300	800	850	540	80	250
13	300×350	740×740	880×880	55	Φ22	Φ20orΦ18	350	1000	1100	740		Φ14.5	60	350	1000	1100	740	80	250
14	300×400	740×740	800×800	55	Φ22	Φ20orΦ18	350	1000	1100	740		Φ14.5	60	350	1000	1100	740	80	250
15	350×450	740×740	800×800	55	Φ26	Φ20orΦ18	350	1000	1100	740		300	Φ14.5	60	350	1000	1100	740	80
16	400×500	740×740	800×800	55	Φ26	Φ20orΦ18	350	1000	1100	740	Φ14.5		60	350	1000	1100	740	80	250

PERFORMANCE CURVE


PERFORMANCE PARAMETER AND INSTALLATION DIMENSIONS

Type	Q (m³/h) Discharge	MPa Pressure	% Efficiency	kW Power	r/min Rotary Speed	Necessary (NPSH) _r (m)	Outline and Installation Dimensions							Specs of Vibration Isolator	kg Weight	
							L	H	H ₁	h	a	L ₁	B ₁			4-d ₁
2.5/5-65W	3.5	0.28	52	3	2900	2.5	560	350	185	165	112	330	190	4-Φ14	SD61-0.5	64
	5	0.25	58													
	7	0.22	57													
3.4/5-65W	3.5	0.36	54	4	2900	2.5	580	350	200	180	112	360	190	4-Φ14	SD61-0.5	77
	5	0.34	63													
	7	0.32	60													
4.5/5-65W	3.5	0.48	48	7.5	2900	2.5	645	395	230	210	115	430	216	4-Φ14	SD61-0.5	109
	5	0.45	57													
	7	0.42	58													
5.2/5-65W	3.5	0.55	49	7.5	2900	2.5	645	395	230	210	115	430	216	4-Φ14	SD61-0.5	110
	5	0.52	58													
	7	0.50	59													
6.0/5-65W	3.5	0.63	38	11	2900	2.5	795	450	305	240	123	550	254	4-Φ14	JG2-2	173
	5	0.60	49													
	7	0.58	54													
7.1/5-65W	3.5	0.74	39	11	2900	2.5	795	450	305	240	123	550	254	4-Φ14	JG2-2	173
	5	0.71	50													
	7	0.69	52													
8.2/5-65W	3.5	0.85	39	15	2900	2.5	795	450	305	240	123	550	254	4-Φ14	JG2-2	185
	5	0.82	50													
	7	0.80	52													
10.2/5-65W	3.5	1.05	35	18.5	2900	2.5	840	490	342	255	121	600	254	4-Φ14	JG3-1	229
	5	1.02	39													
	7	1.00	38													
11.4/5-65W	3.5	1.17	32	22	2900	2.5	865	510	367	280	121	625	279	4-Φ14	JG3-1	258
	5	1.14	40													
	7	1.12	44													
2.5/10-80W	7	0.28	62	5.5	2900	3.0	655	410	230	210	122	420	216	4-Φ16	SD60-0.5	99
	10	0.25	69													
	14	0.22	68													
3.2/10-80W	7	0.35	63	7.5	2900	3.0	655	410	230	210	122	420	216	4-Φ16	SD60-0.5	107
	10	0.32	71													
	14	0.30	70													
3.9/10-80W	7	0.42	60	7.5	2900	3.0	665	435	275	240	125	420	216	4-Φ16	JG2-2	115
	10	0.39	65													
	14	0.36	63													
5.3/10-80W	7	0.57	55	15	2900	3.0	795	465	305	240	125	550	254	4-Φ16	JG2-2	177
	10	0.53	67													
	14	0.50	68													
6.1/10-80W	7	0.64	50	15	2900	3.0	805	490	327	240	130	550	254	4-Φ16	JG3-1	187
	10	0.61	58													
	14	0.56	56													
7.1/10-80W	7	0.74	52	18.5	2900	3.0	850	510	342	255	130	600	254	4-Φ16	JG3-1	215
	10	0.71	59													
	14	0.67	60													
8.3/10-80W	7	0.86	52	22	2900	3.0	870	511	367	280	131	610	279	4-Φ16	JG3-1	245
	10	0.83	59													
	14	0.80	60													
10.1/1-80W	7	1.04	48	30	2900	3.0	995	590	400	315	124	740	318	4-Φ16	JG3-1	342
	10	1.01	53													
	14	0.99	51													
3/15-80W	10	0.35	63	7.5	2900	3.0	655	410	230	210	122	420	216	4-Φ16	SD60-0.5	107
	15	0.30	71													
	17	0.28	70													

PERFORMANCE PARAMETER AND INSTALLATION DIMENSIONS

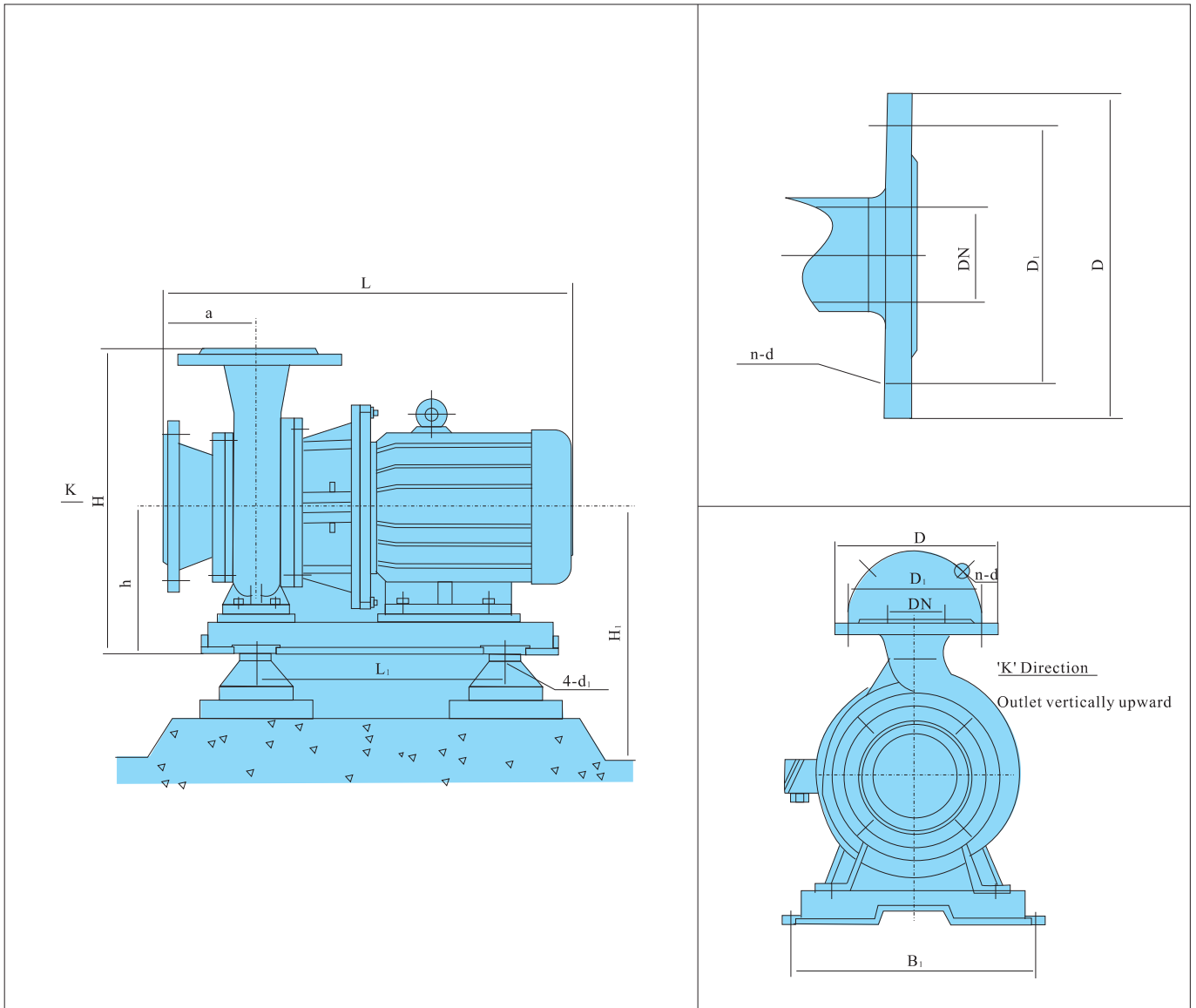
Type	Q (m ³ /h) Discharge	MPa Pressure	% Efficiency	kW Power	r/min Rotary Speed	Necessary (NPSH) _r (m)	Outline and Installation Dimensions							Specs of Vibration Isolator	kg Weight	
							L	H	H ₁	h	a	L ₁	B ₁			4-d ₁
3.5/15-80W	10	0.39	60	7.5	2900	3.0	665	435	275	240	125	420	216	4-Φ16	JG2-2	116
	15	0.35	65													
	17	0.32	63													
4.2/15-80W	10	0.46	54	11	2900	3.0	795	465	305	240	125	550	254	4-Φ16	JG2-2	166
	15	0.42	66													
	17	0.40	67													
5.5/15-80W	10	0.61	50	15	2900	3.0	805	490	327	240	130	550	254	4-Φ16	JG3-1	187
	15	0.55	58													
	17	0.52	56													
6.6/15-80W	10	0.71	52	18.5	2900	3.0	850	510	342	255	130	600	254	4-Φ16	JG3-1	215
	15	0.66	59													
	17	0.63	60													
8.3/15-80W	10	0.86	45	22	2900	3.0	880	550	345	280	124	640	279	4-Φ16	JG2-2	277
	15	0.83	51													
	17	0.80	50													
10.8/15-80W	10	1.12	43	30	2900	3.0	995	590	400	315	124	740	318	4-Φ16	JG3-1	342
	15	1.08	54													
	17	1.06	57													
12.4/15-80W	10	1.36	60	37	2900	3.0	995	615	400	315	124	740	318	4-Φ16	JG3-1	360
	15	1.27	63													
	17	1.20	62													
3.0/20-100W	15	0.34	68	11	2900	4.5	810	490	305	240	137	550	254	4-Φ16	JG2-2	182
	20	0.30	74													
	25	0.28	67													
3.9/20-100W	15	0.42	65	15	2900	4.0	810	490	347	260	130	550	254	4-Φ16	JG3-1	195
	20	0.39	71													
	25	0.35	70													
4.6/20-100W	15	0.50	64	18.5	2900	4.0	855	510	347	260	130	600	254	4-Φ16	JG3-1	216
	20	0.46	73													
	25	0.44	72													
5.3/20-100W	15	0.56	65	22	2900	4.0	875	510	367	280	130	620	279	4-Φ16	JG3-1	248
	20	0.53	74													
	25	0.51	73													
6.2/20-100W	15	0.67	60	30	2900	4.0	990	575	407	320	132	730	318	4-Φ18	JG3-1	332
	20	0.62	66													
	25	0.59	64													
8.6/20-100W	15	0.90	62	37	2900	4.0	990	600	407	320	132	730	318	4-Φ18	JG3-1	348
	20	0.86	69													
	25	0.82	68													
10.4/20-100W	15	1.08	60	45	2900	4.0	1050	640	478	345	137	800	356	4-Φ18	JG4-1	442
	20	1.04	65													
	25	1.01	63													
13.1/20-100W	15	1.35	55	75	2900	4.0	1205	710	533	400	137	940	457	4-Φ18	JG4-1	695
	20	1.31	66													
	25	1.26	67													
3.3/25-100W	20	0.36	70	15	2900	4.5	810	490	305	240	137	550	254	4-Φ16	JG2-2	195
	25	0.33	76													
	30	0.30	65													
4.4/25-100W	20	0.46	64	18.5	2900	4.0	855	510	347	260	130	600	254	4-Φ16	JG3-1	216
	25	0.44	73													
	30	0.38	72													
5.1/25-100W	20	0.53	65	22	2900	4.0	875	510	367	280	130	620	279	4-Φ16	JG3-1	248
	25	0.51	74													
	30	0.49	73													

PERFORMANCE PARAMETER AND INSTALLATION DIMENSIONS

Type	Q (m³/h)	MPa	%	P _{kw}	n/min	Necessary (NPSH) _r (m)	Outline and Installation Dimensions							Specs of Vibration Isolator	kg Weight	
	Discharge	Pressure	Efficiency	Power	Rotary Speed		L	H	H ₁	h	a	L ₁	B ₁			4-d ₁
5.9/25-100W	20	0.62	60	30	2900	4.0	990	575	407	320	132	730	318	4-Φ18	JG3-1	332
	25	0.59	66													
	30	0.52	64													
7.0/25-100W	20	0.74	61	30	2900	4.0	990	575	407	320	132	730	318	4-Φ18	JG3-1	332
	25	0.70	68													
	30	0.61	67													
8.2/25-100W	20	0.86	62	37	2900	4.0	990	600	407	320	132	730	318	4-Φ18	JG3-1	348
	25	0.82	69													
	30	0.79	68													
10.1/25-100W	20	1.04	60	45	2900	4.0	1050	640	478	345	137	800	356	4-Φ18	JG4-1	442
	25	1.01	65													
	30	0.95	63													
11.3/25-100W	20	1.17	65	55	2900	4.0	1135	680	504	370	137	870	406	4-Φ18	JG4-1	552
	25	1.13	66													
	30	1.05	67													
3.0/30-100W	20	0.36	70	15	2900	4.5	810	490	305	240	137	550	140	4-Φ16	JG2-2	195
	30	0.30	76													
	35	0.24	65													
3.8/30-100W	20	0.46	64	18.5	2900	4.0	855	510	347	260	130	600	254	4-Φ16	JG3-1	216
	30	0.38	73													
	35	0.36	72													
4.9/30-100W	20	0.53	65	22	2900	4.0	875	510	367	280	130	620	279	4-Φ16	J03-1	216
	30	0.49	74													
	35	0.42	73													
6.1/30-100W	20	0.74	61	30	2900	4.0	990	575	407	320	132	730	318	4-Φ18	J03-1	332
	30	0.61	68													
	35	0.58	67													
7.9/30-100W	20	0.86	62	37	2900	4.0	990	600	407	320	132	730	318	4-Φ18	JG3-1	348
	30	0.79	69													
	35	0.68	68													
9.5/30-100W	20	1.04	60	45	2900	4.0	1050	640	478	345	137	800	356	4-Φ18	JG4-1	442
	30	0.95	65													
	35	0.90	63													
10.5/30-100W	20	1.17	65	55	2900	4.0	1135	680	504	370	137	870	406	4-Φ18	JG4-1	552
	30	1.05	66													
	35	1.02	67													
12.3/30-100W	20	1.31	55	75	2900	4.0	1205	710	530	400	137	940	457	4-Φ18	JG4-1	695
	30	1.23	66													
	35	1.14	67													
3.4/40-125W	28	0.36	74	22	2900	4.0	900	560	367	280	140	620	279	4-Φ18	JG3-1	272
	40	0.34	78													
	45	0.32	76													
4.5/40-125W	28	0.48	70	30	2900	5.5	950	600	407	320	140	670	318	4-Φ18	JG3-2	385
	40	0.45	76													
	45	0.43	75													
5.2/40-125W	28	0.55	71	37	2900	5.5	950	600	407	320	140	670	318	4-Φ18	JG3-2	403
	40	0.52	77													
	45	0.50	74													
5.8/40-125W	28	0.62	68	37	2900	5.5	950	630	407	320	145	670	318	4-Φ18	JG3-2	424
	40	0.58	73													
	45	0.55	71													
7.2/40-125W	28	0.76	68	45	2900	5.5	980	655	432	345	145	700	356	4-Φ18	JG3-2	495
	40	0.72	74													
	45	0.69	70													

PERFORMANCE PARAMETER AND INSTALLATION DIMENSIONS

Type	Q (m ³ /h) Discharge	MPa Pressure	% Efficiency	kW Power	r/min Rotary Speed	Necessary (NPSH) _r (m)	Outline and Installation Dimensions							Specs of Vibration Isolator	kg Weight	
							L	H	H ₁	h	a	L ₁	B ₁			4-d ₁
8.8/40-125W	28	0.90	60	55	2900	5.0	1210	735	503	370	150	910	457	4-Φ18	JG4-1	590
	40	0.88	67													
	45	0.86	66													
9.8/40-125W	28	1.00	62	75	2900	5.0	1280	735	533	400	150	980	457	4-Φ18	JG4-1	712
	40	0.98	69													
	45	0.96	66													
11.2/40-125W	28	1.16	65	75	2900	5.0	1280	735	533	400	150	980	457	4-Φ18	JG4-1	715
	40	1.12	70													
	45	1.08	68													
3.4/45-125W	30	0.38	70	22	2900	5.5	880	560	367	280	140	600	279	4-Φ18	JG3-2	328
	45	0.34	75													
	50	0.30	72													
4.3/45-125W	30	0.47	70	30	2900	5.5	950	600	407	320	140	670	318	4-Φ18	JG3-2	385
	45	0.43	76													
	50	0.40	75													
5.5/45-125W	30	0.61	68	37	2900	5.5	950	630	407	320	145	670	318	4-Φ18	JG3-2	424
	45	0.55	73													
	50	0.50	71													
6.9/45-125W	30	0.75	68	45	2900	5.5	980	655	432	345	145	700	356	4-Φ18	JG3-2	495
	45	0.69	74													
	50	0.64	70													
8.0/45-125W	30	0.86	70	55	2900	5.5	1160	680	457	370	145	870	406	4-Φ18	JG3-2	585
	45	0.80	75													
	50	0.75	72													
9.6/45-125W	30	1.00	62	75	2900	5.0	1280	735	533	400	150	980	457	4-Φ18	JG4-1	712
	45	0.96	69													
	50	0.92	66													
10.8/45-125W	30	1.15	65	75	2900	5.0	1280	735	533	400	150	980	457	4-Φ18	JG4-1	715
	45	1.08	70													
	50	1.04	68													
12.5/45-125W	30	1.30	65	90	2900	5.0	1330	735	533	400	150	1030	457	4-Φ18	JG4-1	799
	45	1.25	70													
	50	1.21	68													
3.7/50-150W	35	0.40	68	30	1450	3.5	1045	710	407	320	167	700	318	4-Φ18	JG3-2	440
	50	0.37	73													
	55	0.34	70													
4.4/50-150W	35	0.47	67	37	1450	3.5	1060	735	432	345	167	720	356	4-Φ18	JG3-2	460
	50	0.44	74													
	55	0.41	70													
5.2/50-150W	35	0.54	68	45	1450	3.5	1090	735	432	345	167	700	356	4-Φ18	JG3-2	495
	50	0.52	75													
	55	0.50	71													
5.9/50-150W	35	0.63	63	45	2900	4.5	1090	655	565	345	145	880	356	4-Φ18	JG4-1	463
	50	0.59	74													
	55	0.54	72													
7.0/50-150W	35	0.74	64	55	2900	4.5	1175	700	503	370	145	880	406	4-Φ18	JG4-1	565
	50	0.70	75													
	55	0.65	73													
8.2/50-150W	35	0.86	65	75	2900	4.5	1245	750	503	400	145	950	457	4-Φ18	JG4-1	705
	50	0.82	76													
	55	0.80	74													
9.4/50-150W	35	0.97	55	75	2900	4.5	1220	750	533	400	150	920	457	4-Φ18	JG4-2	730
	50	0.94	70													
	55	0.91	72													
11.0/50-150W	35	1.14	57	90	2900	4.5	1270	750	533	400	150	970	457	4-Φ18	JG4-2	805
	50	1.10	72													
	55	1.06	74													

ACCESSORIES AND MOUNTING DIMENSIONS

SIZES OF INLET AND OUTLET FLANGES

DN	D	D ₁	n-d
Φ65	Φ185	Φ145	4-Φ18
Φ80	Φ200	Φ160	8-Φ18
Φ100	Φ220	Φ180	8-Φ18
Φ125	Φ250	Φ210	8-Φ18
Φ150	Φ285	Φ240	8-Φ22

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/5-50DL FIRE PUMP GROUP**

Type	Series	Q (m ³ /h)		Pd (MPa)	Rotary Speed (r/min)	P (kw)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m ³ /h			Shaft power	Power			H	H ₁	H ₂	
XBD1.6/5-50DL	2	5	18	0.16	1450	1.45	3	54	2.7	900	95	187	213
XBD1.8/5-50DL				0.18		1.60							
XBD2.0/5-50DL				0.20		1.75							
XBD2.2/5-50DL				0.22		1.89							
XBD2.6/5-50DL	3	5	18	0.26	1450	2.20	3	54	2.7	980	95	267	233
XBD2.8/5-50DL				0.28		2.33							
XBD3.0/5-50DL				0.30		2.45							
XBD3.2/5-50DL				0.32		2.57							
XBD3.6/5-50DL	4	5	18	0.36	1450	2.85	4	54	2.7	1060	95	347	258
XBD3.8/5-50DL				0.38		2.96							
XBD4.0/5-50DL				0.40		3.06							
XBD4.2/5-50DL				0.42		3.17							
XBD4.6/5-50DL	5	5	18	0.46	1450	3.42	5.5	54	2.7	1210	95	427	303
XBD4.8/5-50DL				0.48		3.51							
XBD5.0/5-50DL				0.50		3.60							
XBD5.2/5-50DL				0.52		3.69							
XBD5.6/5-50DL	6	5	18	0.56	1450	3.92	5.5	54	2.7	1290	95	507	323
XBD5.8/5-50DL				0.58		4.00							
XBD6.0/5-50DL				0.60		4.08							
XBD6.2/5-50DL				0.62		4.16							
XBD6.6/5-50DL	7	5	18	0.66	1450	4.37	7.5	54	2.7	1370	95	587	356
XBD6.8/5-50DL				0.68		4.44							
XBD7.0/5-50DL				0.70		4.51							
XBD7.2/5-50DL				0.72		4.58							
XBD7.6/5-50DL	8	5	18	0.76	1450	4.78	7.5	54	2.7	1450	95	667	376
XBD7.8/5-50DL				0.78		4.84							
XBD8.0/5-50DL				0.80		4.90							
XBD8.2/5-50DL				0.82		4.96							
XBD8.6/5-50DL	9	5	18	0.86	1450	5.14	11	54	2.7	1670	95	747	396
XBD8.8/5-50DL				0.88		5.20							
XBD9.0/5-50DL				0.90		5.25							
XBD9.2/5-50DL				0.92		5.31							
XBD9.6/5-50DL	10	5	18	0.96	1450	5.47	11	54	2.7	1750	95	827	458
XBD9.8/5-50DL				0.98		5.59							
XBD10.0/5-50DL				1.00		5.63							
XBD10.2/5-50DL				1.02		5.68							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/10-65DL FIRE PUMP GROUP**

Type	Series	Q (m³/h)		Pd (MPa)	Rotary Speed (r/min)	P (kw)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD2.2/10-65DL	2	10	36	0.22	1450	3.48	5.5	62	2.8	1100	110	205	349
XBD2.5/10-65DL				0.25		3.95							
XBD2.8/10-65DL				0.28		4.43							
XBD3.0/10-65DL				0.30		4.74							
XBD3.6/10-65DL	3	10	36	0.36	1450	5.69	7.5	62	2.8	1180	110	280	390
XBD4.0/10-65DL				0.40		6.33							
XBD4.2/10-65DL				0.42		6.64							
XBD4.5/10-65DL				0.45		7.12							
XBD5.0/10-65DL	4	10	36	0.50	1450	7.91	11	62	2.8	1390	110	355	460
XBD5.2/10-65DL				0.52		8.22							
XBD5.6/10-65DL				0.56		8.86							
XBD6.0/10-65DL				0.60		9.49							
XBD6.4/10-65DL	5	10	36	0.64	1450	10.12	15	62	2.8	1540	110	430	509
XBD6.8/10-65DL				0.68		10.75							
XBD7.0/10-65DL				0.70		11.07							
XBD7.2/10-65DL				0.72		11.39							
XBD7.8/10-65DL	6	10	36	0.78	1450	12.33	15	62	2.8	1620	110	505	537
XBD8.0/10-65DL				0.80		12.65							
XBD8.4/10-65DL				0.84		13.28							
XBD8.6/10-65DL				0.86		13.60							
XBD9.2/10-65DL	7	10	36	0.92	1450	14.55	18.5	62	2.8	1750	110	580	603
XBD9.5/10-65DL				0.95		15.02							
XBD9.8/10-65DL				0.98		15.50							
XBD10.0/10-65DL				1.00		15.81							
XBD10.8/10-65DL	8	10	36	1.08	1450	17.08	22	62	2.8	1830	110	655	639
XBD11.0/10-65DL				1.10		17.39							
XBD11.2/10-65DL				1.12		17.71							
XBD11.5/10-65DL				1.15		18.18							
XBD12.0/10-65DL	9	10	36	1.20	1450	18.98	22	62	2.8	1900	110	730	67
XBD12.2/10-65DL				1.22		19.29							
XBD12.6/10-65DL				1.26		19.92							
XBD12.8/10-65DL				1.28		20.24							
XBD13.4/10-65DL	10	10	36	1.34	1450	21.19	30	62	2.8	2040	110	805	775
XBD13.6/10-65DL				1.36		21.51							
XBD14.0/10-65DL				1.40		22.14							
XBD14.2/10-65DL				1.42		22.45							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/15-80DL FIRE PUMP GROUP**

Type	Series	Q (m³/h)		Pd (MPa)	Rotary Speed (r/min)	P (kw)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD3.6/15-80DL	2	15	54	0.36	1450	7.00	11	70	2.5	1310	120	247	461
XBD3.8/15-80DL				0.38		7.39							
XBD4.0/15-80DL				0.40		7.78							
XBD4.2/15-80DL				0.42		8.17							
XBDS.6/15-80DL	3	15	54	0.56	1450	10.89	15	70	2.5	1450	120	346	522
XBD5.8/15-80DL				0.58		11.28							
XBD6.0/15-80DL				0.60		11.67							
XBD6.2/15-80DL				0.62		12.06							
XBD7.6/15-80DL	4	15	54	0.76	1450	14.78	22	70	2.5	1665	120	445	608
XBD7.8/15-80DL				0.78		15.17							
XBD8.0/15-80DL				0.80		15.56							
XBD8.2/15-80DL				0.82		15.95							
XBD9.6/15-80DL	5	15	54	0.96	1450	18.67	30	70	2.5	1765	120	544	728
XBD9.8/15-80DL				0.98		19.16							
XBD10.0/15-80DL				1.00		19.45							
XBD10.2/15-80DL				1.02		19.84							
XBD11.6/15-80DL	6	15	54	1.16	1450	22.56	30	70	2.5	1865	120	643	768
XBD11.8/15-80DL				1.18		22.95							
XBD12.0/15-80DL				1.20		23.34							
XBD12.2/15-80DL				1.22		23.73							
XBD13.6/15-80DL	7	15	54	1.36	1450	26.46	37	70	2.5	1995	120	472	822
XBD13.8/15-80DL				1.38		26.84							
XBD14.0/15-80DL				1.40		27.23							
XBD14.2/15-80DL				1.42		27.62							
XBD15.6/15-80DL	8	15	54	1.56	1450	30.35	45	70	2.5	2150	120	841	898
XBD15.8/15-80DL				1.58		30.73							
XBD16.0/15-80DL				1.60		31.12							
XBD16.2/15-80DL				1.62		31.51							
XBD17.6/15-80DL	9	15	54	1.76	1450	34.24	45	70	2.5	2250	120	940	938
XBD17.8/15-80DL				1.78		34.62							
XBD18.0/15-80DL				1.80		35.01							
XBD18.2/15-80DL				1.82		35.40							
XBD19.6/15-80DL	10	15	54	1.96	1450	38.13	55	70	2.5	2340	120	1039	1085
XBD19.8/15-80DL				1.98		38.52							
XBD20.0/15-80DL				2.00		38.90							
XBD20.2/15-80DL				2.02		39.29							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/20-100DL FIRE PUMP GROUP**

Type	Series	Q (m³/h)		Pd(MPa)	Rotary Speed (r/min)	kw		Efficiency η(%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD3.6/20-100DL	2	20	72	0.36	1450	9.80	15	72	2.5	1515	138	259	521
XBD3.8/20-100DL				0.38		10.35							
XBD4.0/20-100DL				0.40		10.89							
XBD4.2/20-100DL				0.42		11.44							
XBD5.5/20-100DL	3	20	72	0.55	1450	15.25	18.5	72	2.5	1625	138	369	599
XBD5.8/20-100DL				0.58		15.80							
XBD6.0/20-100DL				0.60		16.34							
XBD6.2/20-100DL				0.62		16.88							
XBD7.6/20-100DL	4	20	72	0.76	1450	20.70	30	72	2.5	1765	138	479	727
XBD7.8/20-100DL				0.78		21.24							
XBD8.0/20-100DL				0.80		21.79							
XBD8.2/20-100DL				0.82		22.33							
XBD9.3/20-100DL	5	20	72	0.93	1450	26.14	37	72	2.5	1930	138	589	781
XBD9.8/20-100DL				0.98		26.69							
XBD10.0/20-100DL				1.00		27.23							
XBD10.2/20-100DL				1.02		27.78							
XBD11.6/20-100DL	6	20	72	1.16	1450	31.59	37	72	2.5	2040	138	699	821
XBD11.8/20-100DL				1.18		32.14							
XBD12.0/20-100DL				1.20		32.68							
XBD12.2/20-100DL				1.22		33.22							
XBD13.6/20-100DL	7	20	72	1.36	1450	37.04	45	72	2.5	2280	138	809	897
XBD13.8/20-100DL				1.38		37.58							
XBD14.0/20-100DL				1.40		38.13							
XBD14.2/20-100DL				1.42		38.67							
XBD15.6/20-100DL	8	20	72	1.56	1450	42.48	55	72	2.5	2440	138	919	1044
XBD15.8/20-100DL				1.58		43.03							
XBD16.0/20-100DL				1.60		43.57							
XBD16.2/20-100DL				1.62		44.12							
XBD17.6/20-100DL	9	20	72	1.76	1450	47.93	55	72	2.5	2550	138	1029	1084
XBD17.8/20-100DL				1.78		48.47							
XBD18.0/20-100DL				1.80		49.02							
XBD18.2/20-100DL				1.82		49.56							
XBD19.6/20-100DL	10	20	72	1.96	1450	53.38	75	72	2.5	2660	138	1139	1259
XBD19.8/20-100DL				1.98		53.92							
XBD20.0/20-100DL				2.00		54.47							
XBD20.2/20-100DL				2.02		55.01							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/25-100DL FIRE PUMP GROUP**

Type	Series	Q (m ³ /h)		Pd (MPa)	Rotary Speed (r/min)	kw		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m ³ /h			Shaft power	Power			H	H ₁	H ₂	
XBD3.6/25-100DL	2	25	90	0.36	1450	12.25	18.5	72	2.5	1515	138	259	554
XBD3.8/25-100DL				0.38		12.94							
XBD4.0/25-100DL				0.40		13.62							
XBD4.2/25-100DL				0.42		14.30							
XBDS.6/25-100DL	3	25	90	0.56	1450	19.06	30	72	2.5	1625	138	369	687
XBD5.8/25-100DL				0.58		19.74							
XBD6.0/25-100DL				0.60		20.42							
XBD6.2/25-100DL				0.62		21.11							
XBD7.6/25-100DL	4	25	90	0.76	1450	25.87	37	72	2.5	1765	138	479	746
XBD7.8/25-100DL				0.78		26.55							
XBD8.0/25-100DL				0.80		27.23							
XBD8.2/25-100DL				0.82		27.91							
XBD9.6/25-100DL	5	25	90	0.96	1450	32.68	45	72	2.5	1930	138	589	827
XBD9.8/25-100DL				0.98		33.36							
XBD10.0/25-100DL				1.00		34.04							
XBD10.2/25-100DL				1.02		34.72							
XBD11.6/25-100DL	6	25	90	1.16	1450	39.49	55	72	2.5	2040	138	699	979
XBD11.8/25-100DL				1.18		40.17							
XBD12.0/25-100DL				1.20		40.85							
XBD12.2/25-100DL				1.22		41.53							
XBD13.6/25-100DL	7	25	90	1.36	1450	46.30	75	72	2.5	2280	138	809	1159
XBD13.8/25-100DL				1.38		46.98							
XBD14.0/25-100DL				1.40		47.66							
XBD14.2/25-100DL				1.42		48.34							
XBD15.6/25-100DL	8	25	90	1.56	1450	53.10	75	72	2.5	2440	138	919	1204
XBD15.8/25-100DL				1.58		53.79							
XBD16.0/25-100DL				1.60		54.47							
XBD16.2/25-100DL				1.62		55.15							
XBD17.6/25-100DL	9	25	90	1.76	1450	59.91	90	72	2.5	2550	138	1029	1354
XBD17.8/25-100DL				1.78		60.59							
XBD18.0/25-100DL				1.80		61.27							
XBD18.2/25-100DL				1.82		61.96							
XBD19.6/25-100DL	10	25	90	1.96	1450	66.72	90	72	2.5	2660	138	1139	1399
XBD19.8/25-100DL				1.98		67.40							
XBD20.0/25-100DL				2.00		68.08							
XBD20.2/25-100DL				2.02		68.76							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/30-100(125)DL FIRE PUMP GROUP**

Type	Series	Q (m³/h)		Pd (MPa)	Rotary Speed (r/min)	Power (kw)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight (Kg)
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD3.6/30-100(125)DL	2	30	108	0.36	1450	14.71	18.5	72	2.5	1480	130	280	554
XBD3.8/30-100(125)DL				0.38		15.52							
XBD4.0/30-100(125)DL				0.40		16.34							
XBD4.2/30-100(125)DL				0.42		17.16							
XBDS.6/30-100(125)DL	3	30	108	0.56	1450	22.88	30	72	2.5	1665	130	405	687
XBD5.8/30-100(125)DL				0.58		23.69							
XBD6.0/30-100(125)DL				0.60		24.51							
XBD6.2/30-100(125)DL				0.62		25.33							
XBD7.6/30-100(125)DL	4	30	108	0.76	1450	31.05	37	72	2.5	1880	130	530	746
XBD7.8/30-100(125)DL				0.78		31.86							
XBD8.0/30-100(125)DL				0.80		32.68							
XBD8.2/30-100(125)DL				0.82		33.50							
XBD9.6/30-100(125)DL	5	30	108	0.96	1450	39.22	45	72	2.5	2155	130	655	827
XBD9.8/30-100(125)DL				0.98		40.03							
XBD10.0/30-100(125)DL				1.00		40.85							
XBD10.2/30-100(125)DL				1.02		41.67							
XBD11.6/30-100(125)DL	6	30	108	1.16	1450	47.39	55	72	2.5	2365	130	780	979
XBD11.8/30-100(125)DL				1.18		48.20							
XBD12.0/30-100(125)DL				1.20		49.02							
XBD12.2/30-100(125)DL				1.22		49.84							
XBD13.6/30-100(125)DL	7	30	108	1.36	1450	55.56	75	72	2.5	2490	130	905	1159
XBD13.8/30-100(125)DL				1.38		56.37							
XBD14.0/30-100(125)DL				1.40		57.19							
XBD14.2/30-100(125)DL				1.42		58.01							
XBD15.6/30-100(125)DL	8	30	108	1.56	1450	63.73	75	72	2.5	2665	130	1030	1204
XBD15.8/30-100(125)DL				1.58		64.54							
XBD16.0/30-100(125)DL				1.60		65.36							
XBD16.2/30-100(125)DL				1.62		66.18							
XBD17.6/30-100(125)DL	9	30	108	1.76	1450	71.90	90	72	2.5	2790	130	1155	1354
XBD17.8/30-100(125)DL				1.78		72.71							
XBD18.0/30-100(125)DL				1.80		73.53							
XBD18.2/30-100(125)DL				1.82		74.35							
XBD19.6/30-100(125)DL	10	30	108	1.96	1450	80.07	90	72	2.5	3135	130	1280	1399
XBD19.8/30-100(125)DL				1.98		80.88							
XBD20.0/30-100(125)DL				2.00		81.70							
XBD20.2/30-100(125)DL				2.02		82.52							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/30-125(150)DL FIRE PUMP GROUP**

Type	Series	Q (m³/h)		Pd (MPa)	Rotary Speed (r/min)	P (kw)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD3.6/35-125(150)DL	2	35	126	0.36	1450	15.44	30	80	2.5	1480	130	280	569
XBD3.8/35-125(150)DL				0.38		16.30							
XBD4.0/35-125(150)DL				0.40		17.16							
XBD4.2/35-125(150)DL				0.42		18.01							
XBD5.6/35-125(150)DL	3	35	126	0.56	1450	24.02	37	80	2.5	1665	130	405	707
XBD5.8/35-125(150)DL				0.58		24.88							
XBD6.0/35-125(150)DL				0.60		25.74							
XBD6.2/35-125(150)DL				0.62		26.59							
XBD7.6/35-125(150)DL	4	35	126	0.76	1450	32.60	45	80	2.5	1880	130	530	771
XBD7.8/35-125(150)DL				0.78		33.46							
XBD8.0/35-125(150)DL				0.80		34.31							
XBD8.2/35-125(150)DL				0.82		35.17							
XBD9.6/35-125(150)DL	5	35	126	0.96	1450	41.18	55	80	2.5	2155	130	655	857
XBD9.8/35-125(150)DL				0.98		42.03							
XBD10.0/35-125(150)DL				1.00		42.89							
XBD10.2/35-125(150)DL				1.02		43.75							
XBD11.6/35-125(150)DL	6	35	126	1.16	1450	49.75	75	80	2.5	2365	130	780	1060
XBD11.8/35-125(150)DL				1.18		50.61							
XBD12.0/35-125(150)DL				1.20		51.47							
XBD12.2/35-125(150)DL				1.22		52.33							
XBD13.6/35-125(150)DL	7	35	126	1.36	1450	58.33	75	80	2.5	2490	130	905	1245
XBD13.8/35-125(150)DL				1.38		59.19							
XBD14.0/35-125(150)DL				1.40		60.05							
XBD14.2/35-125(150)DL				1.42		60.91							
XBD15.6/35-125(150)DL	8	35	126	1.56	1450	66.91	90	80	2.5	2665	130	1030	1295
XBD15.8/35-125(150)DL				1.58		67.77							
XBD16.0/35-125(150)DL				1.60		68.63							
XBD16.2/35-125(150)DL				1.62		69.49							
XBD17.6/35-125(150)DL	9	35	126	1.76	1450	75.49	110	80	2.5	2790	130	1155	1450
XBD17.8/35-125(150)DL				1.78		76.35							
XBD18.0/35-125(150)DL				1.80		77.21							
XBD18.2/35-125(150)DL				1.82		78.06							
XBD19.6/35-125(150)DL	10	35	126	1.96	1450	84.07	132	80	2.5	3135	130	1280	1500
XBD19.8/35-125(150)DL				1.98		84.93							
XBD20.0/35-125(150)DL				2.00		85.78							
XBD20.2/35-125(150)DL				2.02		86.64							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/40-150DL FIRE PUMP GROUP**

Type	Series	Q (m³/h)		Pd (MPa)	Rotary Speed (r/min)	Power (kw)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight (Kg)
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD3.6/40-150DL	2	40	144	0.36	1450	17.65	30	80	2.5	1606	145	317	569
XBD3.8/40-150DL				0.38		18.63							
XBD4.0/40-150DL				0.40		19.61							
XBD4.2/40-150DL				0.42		20.59							
XBD5.6/40-150DL	3	40	144	0.56	1450	27.45	37	80	2.5	1777	145	422	707
XBD5.8/40-150DL				0.58		28.43							
XBD6.0/40-150DL				0.60		29.41							
XBD6.2/40-150DL				0.62		30.39							
XBD7.6/40-150DL	4	40	144	0.76	1450	37.25	45	80	2.5	1905	145	527	771
XBD7.8/40-150DL				0.78		38.24							
XBD8.0/40-150DL				0.80		39.22							
XBD8.2/40-150DL				0.82		40.20							
XBD9.6/40-150DL	5	40	144	0.96	1450	47.06	55	80	2.5	2010	145	632	857
XBD9.8/40-150DL				0.98		48.04							
XBD10.0/40-150DL				1.00		49.02							
XBD10.2/40-150DL				1.02		50.00							
XBD11.6/40-150DL	6	40	144	1.16	1450	56.86	75	80	2.5	2262	145	737	1060
XBD11.8/40-150DL				1.18		57.84							
XBD12.0/40-150DL				1.20		58.82							
XBD12.2/40-150DL				1.22		59.80							
XBD13.6/40-150DL	7	40	144	1.36	1450	66.67	75	80	2.5	2367	145	842	1245
XBD13.8/40-150DL				1.38		67.65							
XBD14.0/40-150DL				1.40		68.63							
XBD14.2/40-150DL				1.42		69.61							
XBD15.6/40-150DL	8	40	144	1.56	1450	76.47	90	80	2.5	2472	145	947	1295
XBD15.8/40-150DL				1.58		77.45							
XBD16.0/40-150DL				1.60		78.43							
XBD16.2/40-150DL				1.62		79.41							
XBD17.6/40-150DL	9	40	144	1.76	1450	86.27	110	80	2.5	2823	145	1052	1450
XBD17.8/40-150DL				1.78		87.25							
XBD18.0/40-150DL				1.80		88.24							
XBD18.2/40-150DL				1.82		89.22							
XBD19.6/40-150DL	10	40	144	1.96	1450	96.08	132	80	2.5	3228	145	1157	1500
XBD19.8/40-150DL				1.98		97.06							
XBD20.0/40-150DL				2.00		98.04							
XBD20.2/40-150DL				2.02		99.02							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/45-150DL FIRE PUMP GROUP**

Type	Series	Q (m³/h)		Pd (MPa)	Rotary Speed (r/min)	P (kw)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD4.6/45-150DL	2	45	162	0.46	1450	25.37	37	80	2.8	1606	145	317	873
XBD4.8/45-150DL				0.48		26.47							
XBD5.0/45-150DL				0.50		27.57							
XBD5.2/45-150DL				0.52		28.68							
XBD7.0/45-150DL	3	45	162	0.70	1450	38.60	55	80	2.8	1805	145	422	1086
XBD7.2/45-150DL				0.72		39.71							
XBD7.5/45-150DL				0.75		41.36							
XBD7.8/45-150DL				0.78		43.01							
XBD9.6/45-150DL	4	45	162	0.96	1450	52.94	75	80	2.8	1905	145	527	1291
XBD9.8/45-150DL				0.98		54.04							
XBD10.0/45-150DL				1.00		55.15							
XBD10.2/45-150DL				1.02		56.25							
XBD12.0/45-150DL	5	45	162	1.20	1450	66.18	90	80	2.8	2160	145	632	1466
XBD12.2/45-150DL				1.22		67.28							
XBD12.5/45-150DL				1.25		68.93							
XBD12.8/45-150DL				1.28		70.59							
XBD14.6/45-150DL	6	45	162	1.46	1450	80.51	110	80	2.8	2420	145	737	1633
XBD14.8/45-150DL				1.48		81.62							
XBD15.0/45-150DL				1.50		82.72							
XBD15.2/45-150DL				1.52		83.82							
XBD17.0/45-150DL	7	45	162	1.70	1450	93.75	132	80	2.8	2550	145	842	1803
XBD17.2/45-150DL				1.72		94.85							
XBD17.5/45-150DL				1.75		96.51							
XBD17.8/45-150DL				1.78		98.16							
XBD19.6/45-150DL	8	45	162	1.96	1450	108.09	132	80	2.8	3296	145	947	1873
XBD19.8/45-150DL				1.98		109.19							
XBD20.0/45-150DL				2.00		110.29							
XBD20.2/45-150DL				2.02		111.40							
XBD22.0/45-150DL	9	45	162	2.20	1450	121.32	160	80	2.8	3428	145	1052	2006
XBD22.2/45-150DL				2.22		122.43							
XBD22.5/45-150DL				2.25		124.08							
XBD22.8/45-150DL				2.28		125.74							
XBD24.6/45-150DL	10	45	162	2.46	1450	135.66	160	80	2.8	3560	145	1157	2073
XBD24.8/45-150DL				2.48		136.76							
XBD25.0/45-150DL				2.50		137.87							
XBD25.2/45-150DL				2.52		138.97							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/50-150DL FIRE PUMP GROUP**

Type	Series	Q (m³/h)		Pd (MPa)	Rotary Speed (r/min)	P (kW)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD4.6/50-150DL	2	50	180	0.46	1450	28.19	37	80	2.8	1630	145	317	873
XBD4.8/50-150DL				0.48		29.41							
XBD5.0/50-150DL				0.50		30.64							
XBD5.2/50-150DL				0.52		31.86							
XBD7.0/50-150DL	3	50	180	0.70	1450	42.89	55	80	2.8	2106	145	422	1086
XBD7.2/50-150DL				0.72		44.12							
XBD7.5/50-150DL				0.75		45.96							
XBD7.8/50-150DL				0.78		47.79							
XBD9.6/50-150DL	4	50	180	0.96	1450	58.82	75	80	2.8	2352	145	527	1291
XBD9.8/50-150DL				0.98		60.05							
XBD10.0/50-150DL				1.00		61.27							
XBD10.2/45-150DL				1.02		62.50							
XBD12.0/50-150DL	5	50	180	1.20	1450	73.53	90	80	2.8	2554	145	632	1466
XBD12.2/50-150DL				1.22		74.75							
XBD12.5/50-150DL				1.25		76.59							
XBD12.8/50-150DL				1.28		78.43							
XBD14.6/50-150DL	6	50	180	1.46	1450	89.46	110	80	2.8	2742	145	737	1633
XBD14.8/50-150DL				1.48		90.69							
XBD15.0/50-150DL				1.50		91.91							
XBD15.2/50-150DL				1.52		93.14							
XBD17.0/50-150DL	7	50	180	1.70	1450	104.17	132	80	2.8	3164	145	842	1803
XBD17.2/50-150DL				1.72		105.39							
XBD17.5/50-150DL				1.75		107.23							
XBD17.8/50-150DL				1.78		109.07							
XBD19.6/50-150DL	8	50	180	1.96	1450	120.10	132	80	2.8	3296	145	947	1873
XBD19.8/50-150DL				1.98		121.32							
XBD20.0/50-150DL				2.00		122.55							
XBD20.2/50-150DL				2.02		123.77							
XBD22.0/50-150DL	9	50	180	2.20	1450	134.80	160	80	2.8	3428	145	1052	2006
XBD22.2/50-150DL				2.22		136.03							
XBD22.5/50-150DL				2.25		137.87							
XBD22.8/50-150DL				2.28		139.71							
XBD24.6/50-150DL	10	50	180	2.46	1450	150.74	160	80	2.8	3560	145	1157	2073
XBD24.8/50-150DL				2.48		151.96							
XBD25.0/50-150DL				2.50		153.19							
XBD25.2/50-150DL				2.52		154.41							

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/75(80)-200DL FIRE PUMP GROUP**

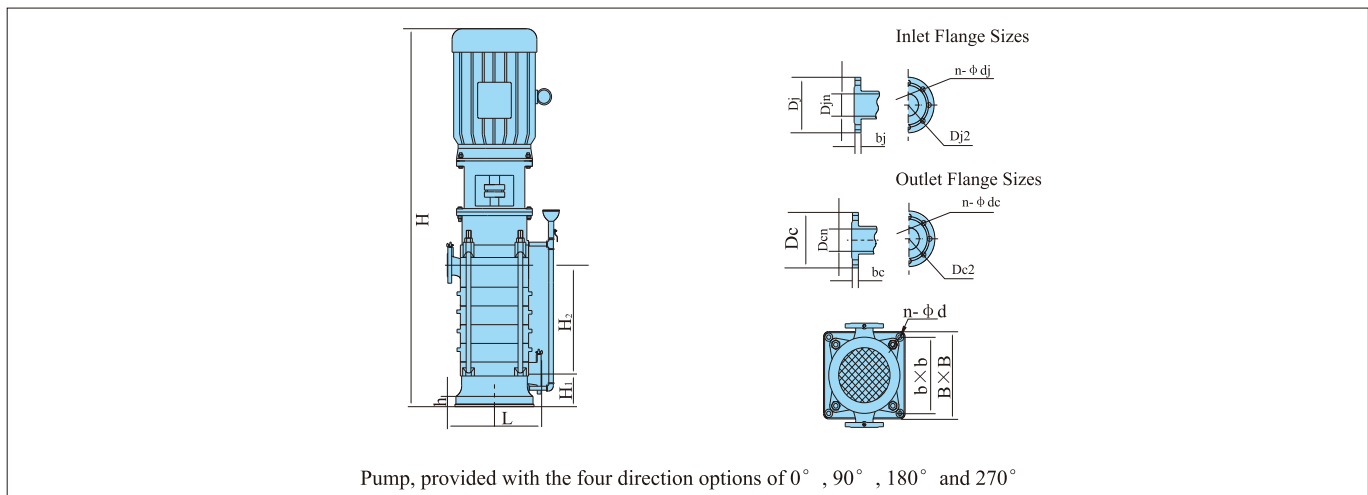
Type	Series	Q (m³/h)		Pd (MPa)	Rotary Speed (r/min)	P (kw)		Efficiency η (%)	Necessary (NPSH) _r (m)	External Sizes			Weight Kg
		L/S	m³/h			Shaft power	Power			H	H ₁	H ₂	
XBD3.6/80-200DL	2	80	288	0.36	1450	31.27	55	79	5.0	2115	182	442	983
XBD3.8/80-200DL				0.38		33.01							
XBD4.0/80-200DL				0.40		34.75							
XBD4.2/80-200DL				0.42		36.49							
XBDS.6/80-200DL	3	80	288	0.56	1450	48.65	75	79	5.0	2385	182	626	1196
XBD5.8/80-200DL				0.58		50.38							
XBD6.0/80-200DL				0.60		52.12							
XBD6.2/80-200DL				0.62		53.86							
XBD7.6/80-200DL	4	80	288	0.76	1450	66.02	110	79	5.0	2840	182	810	1845
XBD7.8/80-200DL				0.78		67.76							
XBD8.0/80-200DL				0.80		69.56							
XBD8.2/80-200DL				0.82		71.23							
XBD9.6/80-200DL	5	80	288	0.96	1450	83.40	132	79	5.0	3125	182	994	1975
XBD9.8/80-200DL				0.98		85.13							
XBD10.0/80-200DL				1.00		86.87							
XBD10.2/80-200DL				1.02		88.61							
XBD11.6/80-200DL	6	80	288	1.16	1450	100.77	160	79	5.0	3305	182	1178	2120
XBD11.8/80-200DL				1.18		102.51							
XBD12.0/80-200DL				1.20		1.4.24							
XBD12.2/80-200DL				1.22		105.98							
XBD5.4/75-200DL	2	75	270	0.54	1450	53.61	75	79	5.0	2200	182	442	1115
XBD5.7/75-200DL				0.57		56.59							
XBD6.0/75-200DL				0.60		59.57							
XBD6.3/75-200DL				0.63		62.55							
XBD8.4/75-200DL	3	75	270	0.84	1450	83.40	110	79	5.0	2660	182	626	1762
XBD8.7/75-200DL				0.87		86.37							
XBD9.0/75-200DL				0.90		89.35							
XBD9.3/75-200DL				0.93		92.33							
XBD11.4/75-200DL	4	75	270	1.14	1450	113.18	132	79	5.0	2950	182	810	1900
XBD11.7/75-200DL				1.17		116.16							
XBD12.0/75-200DL				1.20		119.14							
XBD12.3/75-200DL				1.23		122.11							
XBD14.4/75-200DL	5	75	270	1.44	1450	142.96	160	79	5.0	3130	182	994	2040
XBD14.7/75-200DL				1.47		145.94							
XBD15.0/75-200DL				1.50		148.92							
XBD15.3/75-200DL				1.53		151.90							
XBD17.4/75-200DL	6	75	270	1.74	1450	172.75	200	79	5.0	3310	182	1178	2365
XBD17.7/75-200DL				1.77		175.73							
XBD18.0/75-200DL				1.80		178.70							
XBD18.3/75-200DL				1.83		181.68							

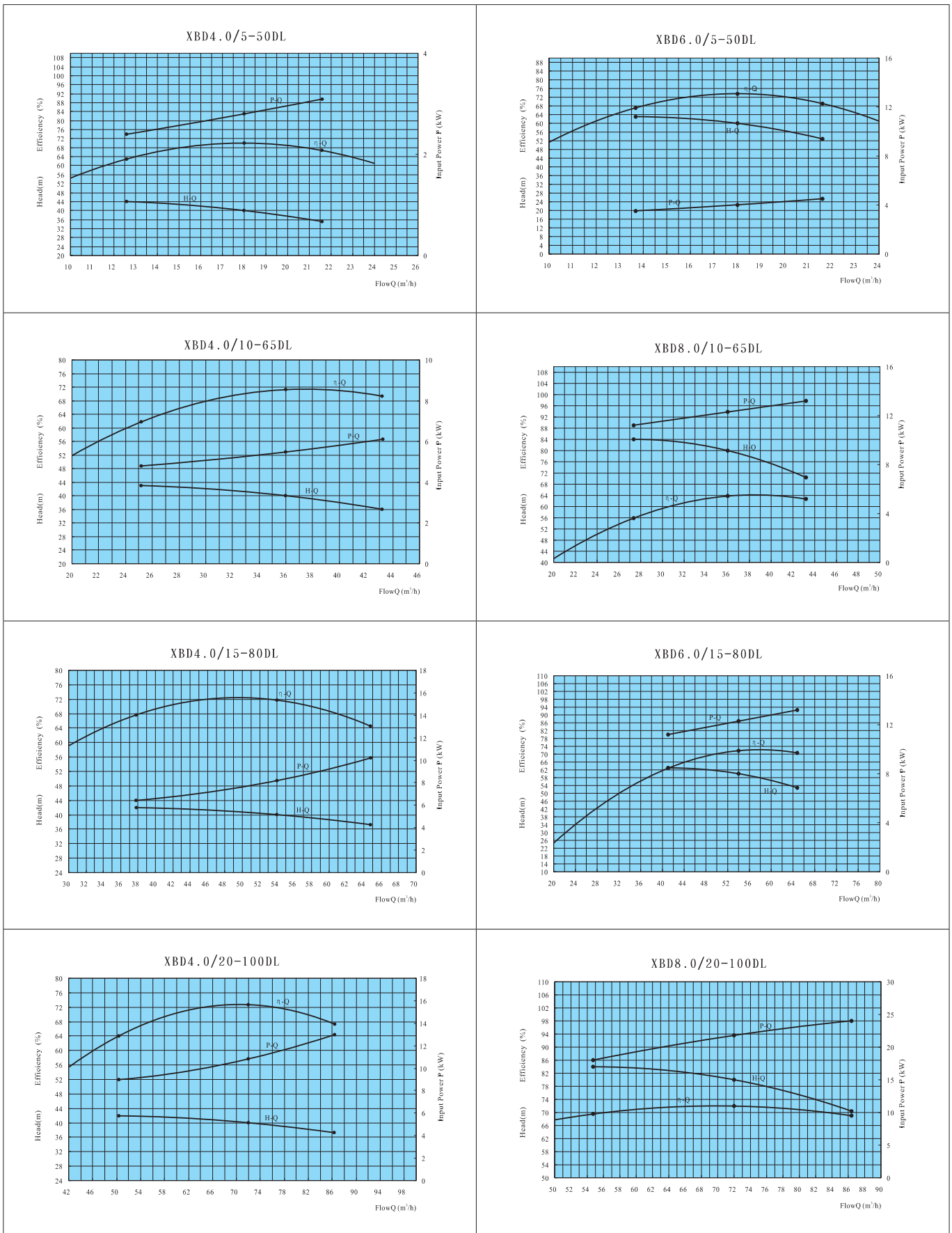
MOUNTING DIMENSIONS

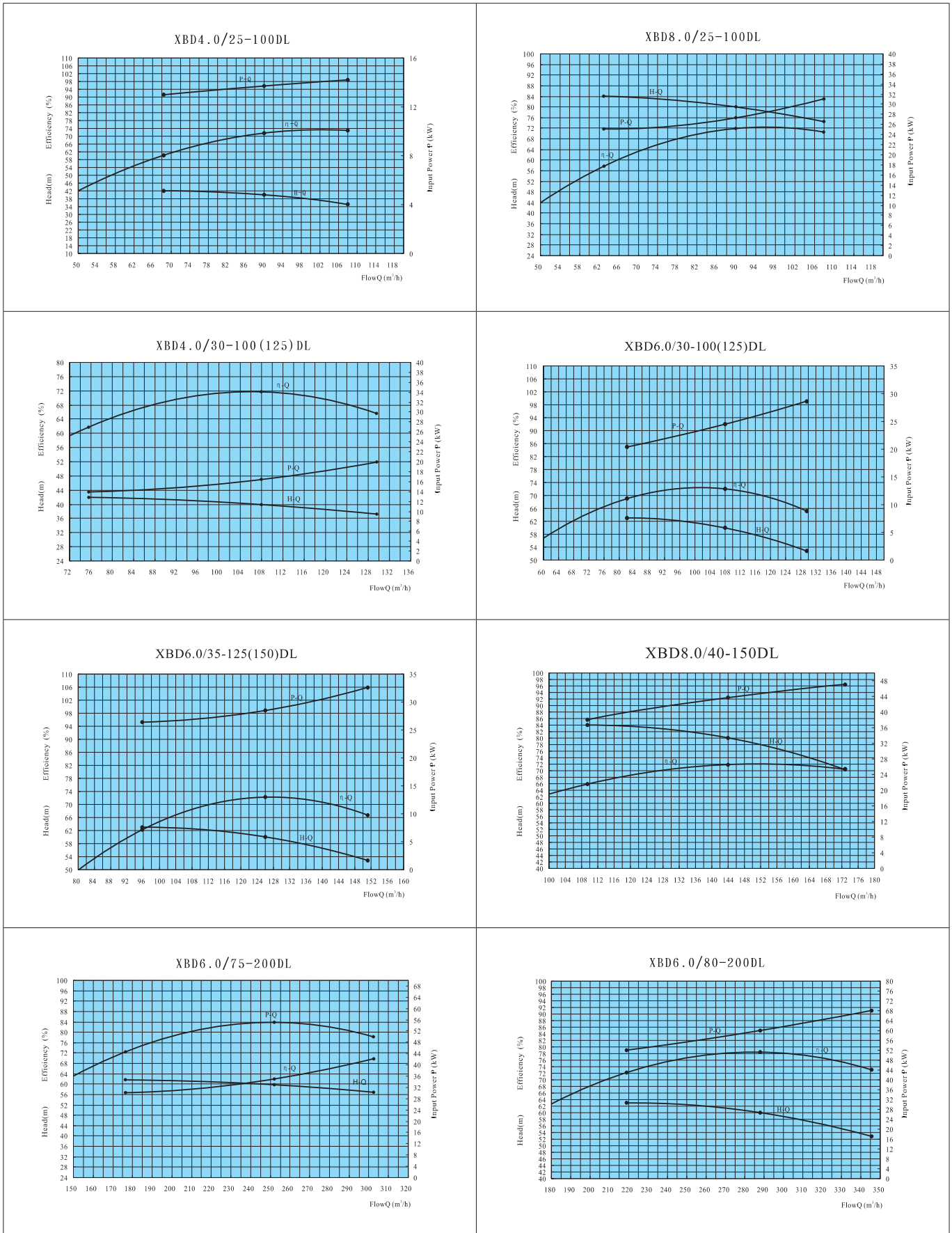
Type	H ₁	L	h	B	b	n-Φd
XBD**/**-50DL	95	205	30	360	300	4-Φ18
XBD**/**-65DL	110	260	50	400	350	4-Φ23
XBD**/**-80DL	120	280	40	470	400	4-Φ23
XBD**/20-100DL	138	300	50	470	410	4-Φ26
XBD**/25-100DL	138	300	50	470	410	4-Φ26
XBD**/30-100(125)DL	180	300	50	470	410	4-Φ26
XBD**/35-125(150)DL	150	300	50	470	410	4-Φ26
XBD**/40-150DL	145	300	55	510	450	4-Φ26
XBD**/45-150DL	145	300	55	510	450	4-Φ26
XBD**/50-150DL	145	300	55	510	450	4-Φ26
XBD**/**-200DL	182	380	50	600	550	4-Φ26

SIZES OF INLET AND OUTLET FLANGES

Type	Inlet Flange(j)					Outlet Flange(j)				
	D _{j1}	D _j	D _{j2}	b _j	n-Φd _j	D _{c1}	D _c	D _{c2}	b _c	n-Φd _c
XBD**/**-50DL	50	165	125	20	4-Φ18	50	165	125	20	4-Φ18
XBD**/**-65DL	65	185	145	20	4-Φ18	50	165	125	20	4-Φ18
XBD**/**-80DL	80	200	160	22	8-Φ18	80	200	160	22	4-Φ18
XBD**/**-100DL	100	220	180	24	8-Φ18	80	200	160	22	8-Φ18
XBD**/**-125DL	125	245	210	30	8-Φ18	100	220	180	30	8-Φ18
XBD**/**-150DL	150	285	240	26	8-Φ22	125	270	220	30	8-Φ22
XBD**/**-200DL	200	340	295	30	12-Φ23	150	285	240	30	8-Φ23

DIAGRAMMATIC SKETCH OF MOUNTING DIMENSIONS


PERFORMANCE GRAPH


PERFORMANCE GRAPH OF XBD/**-**DL FIRE PUMP**


INSTALLATION METHODS

Rigid Connection

1	Ball Valve	2	Flexible Union	3	Pressure Gauge Straight Pipe	4	Vacuum Pressure Gauge	1	Ball Valve	2	Flexible Union	3	Pressure Gauge Straight Pipe	4	Gate Valve	5	Elbow
5	Gate Valve	6	Elbow	7	Pressure Gauge	8	Cement Base	6	Pump	7	Link Plate	8	JGD Type Vibration Isolator	9	Cement Base	10	Pressure Gauge

DIAGRAMMATIC SKETCH

1. Dimensions of Link Plate

2. Basic Graph of Rigid Connection Cement Base

SIZES AND EXTERNAL SIZES

Type	Dimensions of Link Plate						Basic Graph of Rigid Connection Cement Base					
	A×A	B×B	B×B	H	d ₁	d ₂	D×D	E×E	F×F	H	d	h
Φ50	305	540	600	80	Φ14orΦ18	Φ18	305	500	560	250	60	200
Φ65	370	740	800	80	Φ14orΦ18	Φ24	370	500	560	250	80	250
Φ80	400	740	800	80	Φ18orΦ22	Φ24	400	600	660	350	80	250
Φ100	410	740	800	80	Φ18orΦ22	Φ24	410	600	660	350	80	250
Φ125	410	740	800	80	Φ18orΦ22	Φ24	410	600	660	350	80	250
Φ150	550	840	900	80	Φ18orΦ22	Φ24	550	700	760	350	80	250
Φ200	600	840	900	80	Φ22	Φ24	600	800	880	350	80	250

TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/**-**DW FIRE PUMP GROUP**

Type	Series	Q (m³/h) L/S	Pressure (MPa)	Power kW	Efficiency η (%)	Outline and Mounting Dimensions									Weight Kg
						L	L ₁	L ₂	L ₃	L ₄	L ₅	H ₃	B ₁	B ₂	
XBD1.6/5-50DWA XBD1.8/5-50DWA XBD2.0/5-50DWA	2	5	0.16 0.18 0.20	2.2	64 66 65	1087	160	145	901	600	33	480	335	430	233
XBD2.6/5-50DWA XBD2.8/5-50DWA XBD3.0/5-50DWA	3	5	0.26 0.28 0.30	3	64 66 65	1152	225	210	901	600	98	480	335	430	272
XBD3.4/5-50DWA XBD3.6/5-50DWA XBD3.8/5-50DWA	4	5	0.34 0.36 0.38	4	64 66 65	1237	290	275	974	640	128	480	375	430	291
XBD4.2/5-50DWA XBD4.5/5-50DWA XBD4.8/5-50DWA	5	5	0.42 0.45 0.48	5.5	64 66 65	1377	355	340	1153	740	132	490	430	430	330
XBD5.2/5-50DWA XBD5.4/5-50DWA XBD5.6/5-50DWA	6	5	0.52 0.54 0.56	5.5	64 66 65	1442	420	405	1153	740	197	490	430	430	346
XBD6.0/5-50DWA XBD6.2/5-50DWA XBD6.4/5-50DWA	7	5	0.60 0.62 0.64	7.5	64 66 65	1547	485	470	1321	840	197	490	430	430	363
XBD7.0/5-50DWA XBD7.2/5-50DWA XBD7.4/5-50DWA	8	5	0.70 0.72 0.74	7.5	64 66 65	1612	550	535	1321	840	262	490	430	430	430
XBD7.8/5-50DWA XBD8.0/5-50DWA XBD8.2/5-50DWA	9	5	0.78 0.80 0.82	7.5	64 66 65	1677	615	600	1386	860	297	490	430	430	446
XBD9.0/5-50DWA XBD9.2/5-50DWA XBD9.4/5-50DWA	10	5	0.90 0.92 0.94	11	64 66 65	1827	680	665	1593	900	362	490	430	430	513
XBD9.8/5-50DWA XBD10.0/5-50DWA XBD10.2/5-50DWA	11	5	0.98 1.00 1.02	11	64 66 65	1892	745	730	1593	900	427	490	430	430	529
XBD10.8/5-50DWA XBD11.0/5-50DWA XBD11.2/5-50DWA	12	5	1.08 1.10 1.12	11	64 66 65	1957	810	795	1658	920	462	490	430	430	545
XBD2.0/10-75DWA XBD2.2/10-75DWA XBD2.4/10-75DWA	2	10	0.20 0.22 0.24	5.5	68 70 68	1241	177	180	1046	690	89	535	410	475	277
XBD3.2/10-75DWA XBD3.4/10-75DWA XBD3.6/10-75DWA	3	10	0.32 0.34 0.36	7.5	68 70 68	1361	257	260	1046	690	128	545	410	475	303
XBD4.4/10-75DWA XBD4.6/10-75DWA XBD4.8/10-75DWA	4	10	0.44 0.46 0.48	11	68 70 68	1526	337	340	1284	830	171	545	475	475	353
XBD5.4/10-75DWA XBD5.6/10-75DWA XBD5.8/10-75DWA	5	10	0.54 0.56 0.58	11	68 70 68	1606	417	420	1284	830	211	545	475	475	434
XBD6.6/10-75DWA XBD6.8/10-75DWA XBD7.0/10-75DWA	6	10	0.66 0.68 0.70	15	68 70 68	1731	497	500	1488	980	245	545	475	475	477
XBD7.8/10-75DWA XBD8.0/10-75DWA XBD8.2/10-75DWA	7	10	0.78 0.80 0.82	15	68 70 68	1811	577	580	1488	980	245	545	475	475	515
XBD8.8/10-75DWA XBD9.0/10-75DWA XBD9.2/10-75DWA	8	10	0.88 0.90 0.92	18.5	68 70 68	1916	657	660	1653	1150	239	560	480	480	541
XBD9.8/10-75DWA XBD10.0/10-75DWA XBD10.2/10-75DWA	9	10	0.98 1.00 1.02	18.5	68 70 68	1996	737	740	1653	1150	239	560	480	480	583
XBD2.8/20-100DWA XBD3.0/20-100DWA XBD3.2/20-100DWA	2	20	0.28 0.30 0.32	11	71.5 73 71	1575	255	200	1322	900	100	610	505	505	410
XBD4.2/20-100DWA XBD4.5/20-100DWA XBD4.8/20-100DWA	3	20	0.42 0.45 0.48	15	71.5 73 71	1720	355	300	1322	900	149	610	505	505	455
XBD5.8/20-100DWA XBD6.0/20-100DWA XBD6.2/20-100DWA	4	20	0.58 0.60 0.62	22	71.5 73 71	1885	455	400	1463	975	200	610	505	505	547
XBD7.2/20-100DWA XBD7.5/20-100DWA XBD7.8/20-100DWA	5	20	0.72 0.75 0.78	30	71.5 73 71	2050	555	500	1701	1240	202	620	525	525	604
XBD8.8/20-100DWA XBD9.0/20-100DWA XBD9.2/20-100DWA	6	20	0.88 0.90 0.92	30	71.5 73 71	2150	655	600	1701	1240	157	620	525	525	683
XBD10.2/20-100DWA XBD10.5/20-100DWA XBD10.8/20-100DWA	7	20	1.02 1.05 1.08	37	71.5 73 71	2295	755	700	1959	1450	198	630	565	565	728
XBD11.8/20-100DWA XBD12.0/20-100DWA XBD12.2/20-100DWA	8	20	1.18 1.20 1.22	45	71.5 73 71	2420	855	800	1959	1450	199	640	565	565	850
XBD13.2/20-100DWA XBD13.5/20-100DWA XBD13.8/20-100DWA	9	20	1.32 1.35 1.38	45	71.5 73 71	2520	955	900	2059	1550	199	640	565	565	911

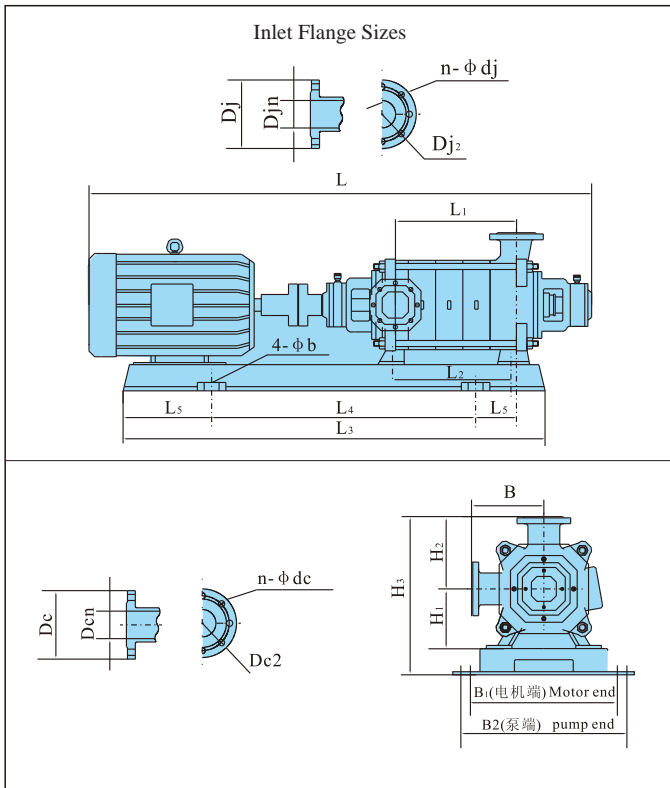
TECHNICAL PARAMETERS AND EXTERNAL SIZES OF XBD/**-**DW FIRE PUMP GROUP**

Type	Series	Q(m³/h)	Pressure (MPa)	P(kw)	Efficiency η(%)	Outline and Mounting Dimensions									Weight Kg
		L/S		Power		L	L ₁	L ₂	L ₃	L ₄	L ₅	H ₃	B ₁	B ₂	
XBD4.0/25-125DWA XBD4.2/25-125DWA XBD4.4/25-125DWA	2	25	0.40 0.42 0.44	22	70 74 75	1827	325	225	1387	975	109	700	495	565	672
XBD6.0/25-125DWA XBD6.2/25-125DWA XBD6.4/25-125DWA	3	25	0.60 0.62 0.64	30	70 74 75	2017	450	350	1549	1060	176	700	565	565	739
XBD8.0/25-125DWA XBD8.2/25-125DWA XBD8.4/25-125DWA	4	25	0.80 0.82 0.84	45	70 74 75	2212	575	475	1728	1170	225	710	565	565	832
XBD10.0/25-125DWA XBD10.2/25-125DWA XBD10.4/25-125DWA	5	25	1.00 1.02 1.04	55	70 74 75	2422	700	600	1924	1270	299	725	620	620	1016
XBD12.4/25-125DWA XBD12.6/25-125DWA XBD12.8/25-125DWA	6	25	1.24 1.26 1.28	75	70 74 75	2617	825	725	2243	1430	262	755	675	570	1217
XBD14.4/25-125DWA XBD14.6/25-125DWA XBD14.8/25-125DWA	7	25	1.44 1.46 1.48	75	70 74 75	2742	950	850	2243	1430	422	755	675	570	1409
XBD16.6/25-125DWA XBD16.8/25-125DWA XBD17.0/25-125DWA	8	25	1.66 1.68 1.70	90	70 74 75	2917	1075	975	2419	1520	483	755	675	570	1476
XBD18.8/25-125DWA XBD19.0/25-125DWA XBD19.2/25-125DWA	9	25	1.88 1.90 1.92	90	70 74 75	3042	1200	1100	2544	1580	548	755	675	570	1559
XBD5.6/45-150DWA XBD5.8/45-150DWA XBD6.0/45-150DWA	2	45	0.56 0.58 0.60	45	72 77 78	1964	315	237	1437	1000	80	720	720	575	685
XBD8.4/45-150DWA XBD8.6/45-150DWA XBD8.8/45-150DWA	3	45	0.84 0.86 0.88	75	72 77 78	2234	430	352	1735	1165	148	735	735	675	755
XBD11.4/45-150DWA XBD11.6/45-150DWA XBD11.8/45-150DWA	4	45	1.14 1.16 1.18	90	72 77 78	2399	545	467	1922	1260	215	745	745	675	755
XBD14.2/45-150DWA XBD14.5/45-150DWA XBD14.8/45-150DWA	5	45	1.42 1.45 1.48	110	72 77 78	2664	660	582	2129	1470	212	780	780	765	845
XBD17.2/45-150DWA XBD17.4/45-150DWA XBD17.6/45-150DWA	6	45	1.72 1.74 1.76	132	72 77 78	2829	775	697	/	/	/	/	/	/	/
XBD20.0/45-150DWA XBD20.2/45-150DWA XBD20.4/45-150DWA	7	45	2.00 2.02 2.04	132	72 77 78	2944	890	812	/	/	/	/	/	/	/
XBD23.0/45-150DWA XBD23.2/45-150DWA XBD23.4/45-150DWA	8	45	2.30 2.32 2.34	160	72 77 78	3019	1005	927	/	/	/	/	/	/	/
XBD25.8/45-150DWA XBD26.0/45-150DWA XBD26.2/45-150DWA	9	45	2.58 2.60 2.62	200	72 77 78	3224	1120	1042	/	/	/	/	/	/	/

SIZES OF INLET AND OUTLET FLANGES XBD/**-**DW FIRE PUMP GROUP**

Type	Inlet Flange(j)				Outlet Flange(j)				Chassis Bolt Hole
	D _{j1}	D _j	D _{j2}	n-Φ _{dj}	D _{c1}	D _c	D _{c2}	n-Φ _{dc}	n-Φ _b
XBD**/5-50DW	50	160	125	4-Φ18	50	160	125	4-Φ18	25
XBD**/10-75DW	80	195	160	4-Φ18	80	195	160	4-Φ18	
XBD**/20-100DW	100	230	190	8-Φ23	100	230	190	8-Φ23	30
XBD**/25-125DW	125	270	220	8-Φ25	125	270	220	8-Φ25	
XBD**/45-150DW	150	280	240	8-Φ25	150	300	250	8-Φ25	

DIAGRAMMATIC SKETCH OF MOUNTING DIMENSIONS



BASIC MOUNTING DIMENSIONS GRAPH

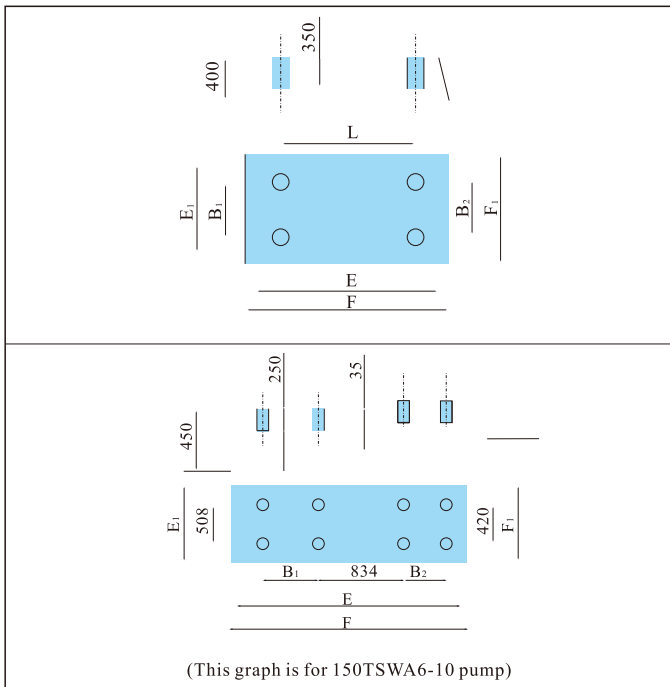


TABLE OF BASIC SIZES

Type	Series	Basic Sizes						
		L	B ₁	B ₂	E	F	E ₁	F ₁
50DW	2~3	600	335	430	1100	1150	700	750
	4	640	375	430	1170	1220	700	750
	5~6	740	430	430	1350	1400	700	750
	7~8	840	430	430	1520	1570	700	750
	9	860	430	430	1600	1650	700	750
	10~11	900	430	430	1800	1850	700	750
	12	920	430	430	1900	1950	700	750
75DW	2~3	690	410	475	1250	1300	750	800
	4~5	830	475	475	1500	1550	750	800
	6~7	980	475	475	1700	1750	750	800
	8~9	1150	480	480	1850	1900	750	800
	10	1250	480	480	2050	2100	750	800
100DW	2~3	900	505	505	1520	1570	800	800
	4	975	505	505	1660	1710	800	800
	5~6	1240	525	525	1900	1950	800	800
	7~8	1450	565	565	2160	2210	850	850
	9	1550	565	565	2260	2310	850	850
	10	1650	600	600	2450	2500	900	950
125DW	2	975	495	565	1600	1650	850	900
	3	1060	565	565	1750	1800	850	900
	4	1170	565	565	1950	2000	80	900
	5	1270	620	62	2150	2200	900	950
	6~7	1430	675	570	2450	2500	950	1000
	8	1520	675	570	2650	2700	950	1000
	9	1580	675	570	2750	2800	950	1000
	10	1600	675	570	2900	2950	950	1000
	2	1000	575	605	1650	1700	900	950
	3	1165	675	610	1950	2000	950	1000
4	1260	675	610	2150	2200	950	1000	
150DW	5	1470	765	620	2350	2400	1050	1100
	6	1150	457	697	2450	2500	1050	1100
	7	1250	457	812	2550	2600	1050	1100
	8	1350	508	927	2700	2750	1050	1100
9	1500	508	1042	2800	2850	1050	1100	

PERFORMANCE GRAPH
