

SPEEC SHEET

PUMP TYPE	Bore		Capacity m ³ /h	Motor		Speed min ⁻¹	Frequency Hz	V Pulley & V belt mm						Piping Shape
	B	A		0.3MPa	0.5MPa			0.3MPa			0.5MPa			
				kW × P	kW × P			PD	MD	type	PD	MD	type	
KB-8(S)	1	25	3	0.75 × 4	1.5 × 4	500	50	250	90	A1	250	90	A2	JIS B 0203 piping taper screw Screwed
						60			75					
KB-10(S)	1 1/2	40	5	1.5 × 4	2.2 × 4	450	50	275	90	A2	275	90	A3	
						60			75					
KB-20(S)	2	50	8	2.2 × 4	3.7 × 4	450	50	275	90	A3	300	100	A4	
						60			75					
KB-22(S)	2 1/2	65	10	3.7 × 4	3.7 × 4	450	50	300	100	A4	300	100	A4	
						60		325	90			325		
KB-25	2 1/2	65	16	3.7 × 4	5.5 × 4	450	50	300	100	A4	300	100	B4	
						60		325	90					
KB-30	3	80	24	5.5 × 4	7.5 × 4	450	50	300	100	B4	450	150	B3	
						60						375		
KB-35	4	100	32	7.5 × 4	11 × 4	450	50	450	150	B3	450	150	B4	
						60			125	B4			125	B5
KB-40	5	125	45	11 × 4	15 × 4	400	50							
						60								
KB-50	6	150	70	18.5 × 4	22 × 4	400	50							
						60								

SPEC SHEET

PUMP TYPE	Bore		Capacity m ³ /h	Speed min ⁻¹	Pressure MPa	Motor kW	Pressure MPa	Motor kW
	B	A						
KB-22J	3	80	10	450	0.3	3.7	0.5	3.7
KB-25J	4	100	16	450	0.3	3.7	0.5	5.5
KB-30J	5	125	24	450	0.3	5.5	0.5	7.5
KB-35J	5	125	32	450	0.3	7.5	0.5	11
KB-40J	6	150	45	400	0.3	11	0.5	15
KB-50J	8	200	70	400	0.3	18.5	0.5	22

Note:1 The dimensions of the KB-J type are different from those of the KB standard type.

2 This specification is for those for increasing the liquid viscosity to approximately 1500 mm²/s. Contact us for higher values than this, since the required power and/or rotation speed change.

PUMP Size table

mm

PUMP TYPE	A	B	C	D	E	F	G	H	I	L	M	N	Q	R	S	T	U	W	Y	Z	weight kg
KB-8(S)	78	160	148	1	116	40	20	116	208	281	150	72	40	203	25	7	4	8	36	11	14
KB-10(S)	97	170	155	1 1/2	130	46	22	117	222	342	160	76	50	245	26	7	4	8	45	11	22
KB-20(S)	107	208	177	2	140	56	24	136	247	376	180	90	60	265	30	7	4	8	45	14	40
KB-22(S)	135	256	180	2 1/2	160	60	28	136	255	435	200	100	60	300	30	7	4	8	45	14	47
KB-25	180	200	215	2 1/2	200	130	32	163	300	550	240	170	75	370	40	8	5	12	63	14	76
KB-30	207	220	250	3	230	140	38	190	345	637	280	190	90	430	50	9	5.5	14	70	18	120
KB-35	227	240	250	4	230	170	38	190	345	677	280	220	90	450	50	9	5.5	14	70	18	145
KB-40	241	340	285	5	240	190	38	213	472	721	290	240	100	480	55	10	6	16	80	18	170
KB-50	290	450	330	6	286	220	40	248	546	870	360	280	120	580	65	11	7	18	100	22	250

Note:1 The dimensions are subject to change for improvement or other reasons.Please check with us before starting designing.

2 In the KB-8 type, the center of the bore diameter and the center of the mounting foot are not aligned.

The dimension from the axis edge to the F center is 192 mm.

V belt drive Size table

mm

PUMP TYPE	Motor		A	B	C	D	F	K	L	M	N	P	Q	R	S	T	V	W	X	Y	Z	Ancor bolt	weight kg
	kW×P	Frame																					
KB-8(S)	0.75×4	80	78	160	166	1	323	595	330	560	90	380	310	203	204	222	50	28	46	18	11	M10	48
	1.5×4	90L																	26				56
KB-10(S)	1.5×4	90L	97	170	177	1 1/2	390	725	385	660	110	440	390	245	290	320	60	28	40	25	14	M12	82
	2.2×4	100L																	25				92
KB-20(S)	2.2×4	100L	107	208	206	2	422	845	416	790	120	550	470	265	320	350	70	40	35	25	14	M12	123
	3.7×4	112M																	40				133
KB-22(S)	3.7×4	112M	135	256	206	2 1/2	425	845	465	790	120	550	470	300	320	350	70	40	70	25	14	M12	141
KB-25	3.7×4	112M	180	200	243	2 1/2	470	955	580	920	140	640	580	370	390	420	80	40	100	25	14	M12	187
	5.5×4	132S					525	1016											90				223
KB-30	5.5×4	132S	207	220	280	3	565	1125	665	1060	160	740	680	430	440	480	90	50	115	30	18	M16	290
	7.5×4	132M					615	1175											115				313
KB-35	7.5×4	132M	227	240	280	4	615	1175	715	1060	160	740	680	450	440	480	90	50	100	30	18	M16	340
	11×4	160M					1218	1175											100				375
KB-40	11×4	160M																					
	15×4	160L																					
KB-50	18.5×4	180M																					
	22×4	180L																					

Note: 1 The dimensions are subject to change for improvement or other reasons.Please check with us before starting designing.

2 The Installation diagram is exclusively for installing the JEM 1180 (JIS C 4210)TEFC E type motor.

The base dimensions are the same for all motors having the same frame number.

3 Threaded connecting pipes are used for the KB-8 and 10 types, and JIS 10K flanged pipes for the KB-20 to 50 types.