

SPEC SHEET

50Hz

60Hz

PUMP TYPE	Bore		Capacity	Speed	Motor		Capacity	Speed	Motor	
					0.3MPa	0.5MPa			0.3MPa	0.5MPa
	B	A			L/min	min ⁻¹			kW × P	kW × P
VSR-3(M)-26	1	25	42	1450	1.5 × 4	1.5 × 4	50	1750	1.5 × 4	1.5 × 4
VSR-3(M)-34	1	25	54	1450	1.5 × 4	1.5 × 4	65	1750	1.5 × 4	1.5 × 4
VSR-5(M)-40	1 1/2	40	65	1450	1.5 × 4	1.5 × 4	78	1750	1.5 × 4	2.2 × 4
VSR-5(M)-50	1 1/2	40	80	1450	1.5 × 4	2.2 × 4	96	1750	2.2 × 4	2.2 × 4
VSR-10(M)-40	2	50	100	1450	2.2 × 4	3.7 × 4	120	1750	3.7 × 4	3.7 × 4
VSR-10(M)-50	2	50	125	1450	3.7 × 4	3.7 × 4	150	1750	3.7 × 4	3.7 × 4
VSR-10(M)-60	2	50	150	1450	3.7 × 4	3.7 × 4	180	1750	3.7 × 4	5.5 × 4
VSR-15(M)-50	2 1/2	65	180	1450	3.7 × 4	5.5 × 4	220	1750	3.7 × 4	5.5 × 4
VSR-15(M)-60	2 1/2	65	220	1450	3.7 × 4	5.5 × 4	260	1750	5.5 × 4	7.5 × 4
VSR-20(M)-70	3	80	250	1450	5.5 × 4	5.5 × 4	300	1750	5.5 × 4	7.5 × 4
VSR-20(M)-90	3	80	320	1450	5.5 × 4	7.5 × 4	380	1750	7.5 × 4	11 × 4
VSR-25(M)-90	3	80	380	1450	7.5 × 4	11 × 4	460	1750	11 × 4	11 × 4
VSR-25(M)-110	3	80	470	1450	11 × 4	11 × 4	570	1750	11 × 4	15 × 4
VSR-35(M)-130	4	100	560	1450	11 × 4	15 × 4	660	1750	11 × 4	15 × 4
VSR-35(M)-150	4	100	650	1450	11 × 4	15 × 4	780	1750	15 × 4	18.5 × 4
VSR-50(M)-150	5	125	750	960	15 × 6	18.5 × 6	900	1150	18.5 × 6	22 × 6
VSR-50(M)-170	5	125	850	960	18.5 × 6	22 × 6	1000	1150	22 × 6	30 × 6
VSR-60(M)-180	5	125	1000	960	18.5 × 6	22 × 6	1200	1150	22 × 6	30 × 6
VSR-60(M)-210	5	125	1200	960	22 × 6	30 × 6	1400	1150	30 × 6	30 × 6
VSR-100(M)-200	6	150	1650	960	30 × 6	45 × 6	2000	1150	37 × 6	45 × 6
VSR-100(M)-240	6	150	2000	960	37 × 6	45 × 6	2400	1150	45 × 6	55 × 6
VSR-150(M)-300	8	200	2500	960	45 × 6	75 × 6	3000	1150	55 × 6	75 × 6

Note: This specification is for viscosity of approximately 230 mPa·s.

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
VSR-3(M)	80	182	130	1	110	40	18	105	313	270	142	66	40	190	18	6	3.5	6	36	14	18
VSR-5(M)	80	182	130	1 1/2	110	40	18	105	313	270	142	66	40	190	18	6	3.5	6	36	14	20
VSR-10(M)	86	208	155	2	144	40	20	123	368	289	180	72	40	203	20(18)	6	3.5	6	36	14	34
VSR-15(M)	100	250	180	2 1/2	140	56	24	142	427	343	180	96	50	243	24	7	4	8	45	14	50
VSR-20(M)	126	310	180	3	160	76	25	142	490	395	200	116	50	269	24	7	4	8	45	14	58
VSR-25(M)	140	340	180	3	160	90	24	136	498	460	200	130	60	320	28	7	4	8	45	14	76
VSR-35(M)	160	340	180	4	180	120	28	136	498	510	220	160	70	350	30	7	4	8	45	18	90
VSR-50(M)	192	380	250	5	230	140	32	190	646	590	280	190	80	398	40	8	5	12	63	18	150
VSR-60(M)	212	380	250	5	230	170	38	190	646	632	280	220	80	420	40	8	5	12	63	18	164
VSR-100(M)	254	500	285	6	300	180	40	213	810	744	360	250	90	490	48	9	5.5	14	70	22	270
VSR-150(M)	284	540	285	8	340	230	40	235	840	804	400	300	90	520	48	9	5.5	14	70	22	350

Coupling drive Size table

mm

PUMP TYPE	Motor		A	B	C	D	F	H	L	M	N1	N2	P	R	S1	S2	T1	T2	V	W	X	Y	Z	Anchor bolt	weight kg
	kW × P	Frame																							
VSR-3(M)	0.75 × 4	80L	80	182	165	1	373	140	542	540	100	100	340	190	160	270	190	300	60	3	+15	25	11	M10	52
	1.5 × 4	90L			162		370	168.5	592	600	90	130	380		180	260	210	290	57		-20	27	14	M12	69
VSR-5(M)	1.5 × 4	90L	80	182	162	1 1/2	370	168.5	592	600	90	130	380	190	180	260	210	290	57	3	-20	27	14	M12	71
	2.2 × 4	100L						193	633												0				82
VSR-10(M)	1.5 × 4	90L	86	208	190	2	435	168.5	611	700	100	150	450	203	200	300	230	330	67	3	-40	27	14	M12	95
	2.2 × 4	100L						193	652												-30				106
	3.7 × 4	112M						200	666												-30				113
VSR-15(M)	3.7 × 4	112M	100	250	209	2 1/2	494	200	720	700	100	150	450	243	200	300	230	330	67	3	0	27	14	M12	131
	5.5 × 4	132S						239	789												+30				156
VSR-20(M)	3.7 × 4	112M	126	310	217	3	565	200	772	800	105	170	525	269	230	340	260	370	75	3	-30	30	14	M12	148
	5.5 × 4	132S						239	841												-10				174
	7.5 × 4	132M						258	879												0				189
VSR-25(M)	5.5 × 4	132S	140	340	211	3	573	239	906	800	105	170	525	320	230	340	260	370	75	3	0	30	14	M12	193
	7.5 × 4	132M						258	944												+25				207
	11 × 4	160M						583	1058												+25				251
VSR-35(M)	7.5 × 4	132M	160	340	221	4	583	258	994	900	110	190	600	350	240	370	270	370	85	3	0	30	14	M12	235
	11 × 4	160M						323	1108												+20				276
	15 × 4	160L						345	1152												+30				300
VSR-50(M)	11 × 6	160L	192	380	285	5	741	345	1232	1100	145	215	740	398	330	490	370	530	95	3	0	30	18	M16	400
	15 × 6	180M						351.5	1238												+10				450
	18.5 × 6	180L						370.5	1312												+20				520
VSR-60(M)	15 × 6	180M	212	380	285	5	741	351.5	1280	1100	145	215	740	420	330	490	370	530	95	3	+10	30	18	M16	480
	18.5 × 6	180L						370.5	1354												0				540
	22 × 6	180L						370.5	1354												0				540
	30 × 6	200L						425.5	1461												+10				630
VSR-100(M)	22 × 6	180L	254	500	328	6	925	370.5	1466	1350	165	275	910	490	410	550	450	590	115	4	-20	30	18	M16	678
	30 × 6	200L						425.5	1573												0				754
	37 × 6																								
	45 × 6																								

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 The X dimension indicates the position of the bore diameter. With the anchor bolt hole as the base point, + (plus) indicates that the position of the bore diameter is out of alignment to the left side, - (minus) indicates that it is out of alignment to the right side, and 0 (zero) indicates that it is on the center line.