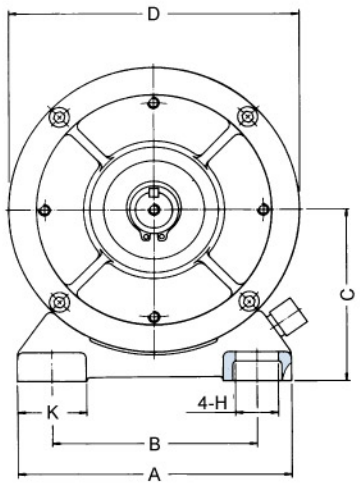
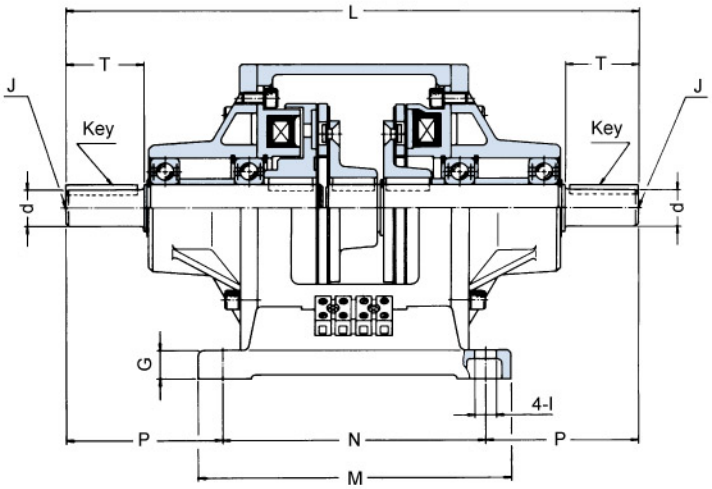
Model FMP Clutch/brake module, foot-mounted, split-shaft

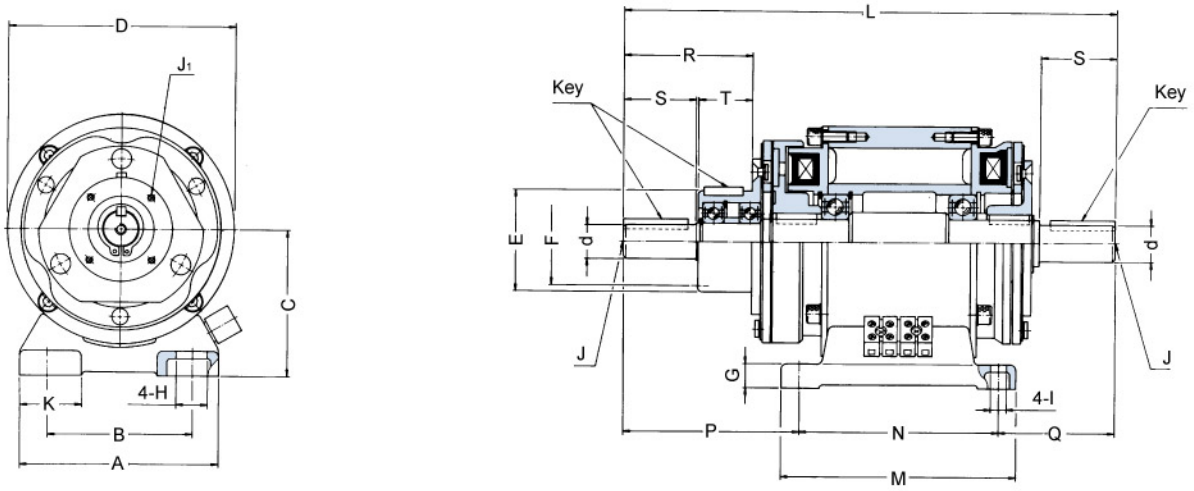




Dimensions in mm.

SIZE		0.6	1.2	2.5	5	10	20
Static Torque	kgm	0.55	1.1	2.2	4.5	9	17
Exciting Voltage	DC-V	24	24	24	24	24	24
Capacity (at 20°C)	W	11	15	20	25	35	45
Max. Revolution	RPM	5000	5000	4500	4000	3000	2500
Shaft Dia.	d_{j6}	11	14	19	24	28	38
Key (Shaft)	WidthxHeight	4x4	5x5	5x5	7x7	7x7	10x8
Diameter	A	90	110	140	175	200	240
	B	65	80	105	135	155	195
	$C^{+0}_{-0.5}$	65	80	90	112	132	160
	D	100	125	150	190	230	290
	G	10	12	15	15	18	20
	H	13.5	15	20	24	28	28
	I	6.5	9	11	11	14	14
	J	M4	M4	M6	M6	M6	M10
	K	27.5	32	35	42	45	47
Length	L	195	236	295	376	490	616
	M	105	130	160	185	230	270
	N	90	110	135	160	200	240
	P	52.5	63	80	108	145	188
	T	25	30	40	50	60	80
Weight	kg	2.3	4.7	7.6	14.6	25.5	48

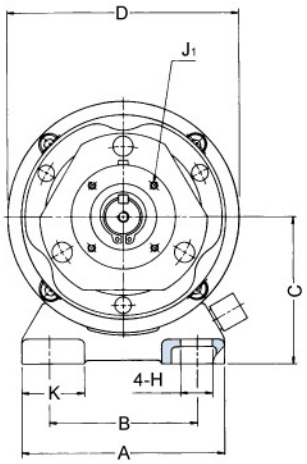
Model FMR Clutch/brake module, Foot-mounted through-shaft

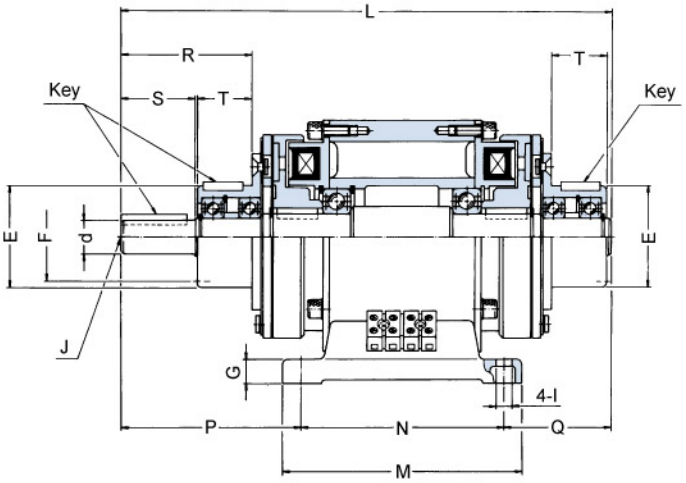


Dimensions in mm.

SIZE		0.6	1.2	2.5	5	10	20	40
Static Torque	kgm	0.55	1.1	2.2	4.5	9	17	36
Exciting Voltage	DC-V	24	24	24	24	24	24	24
Capacity (at 20°C)	W	11	15	20	25	35	45	60
Max. Revolution	RPM	5000	5000	4500	4000	3000	2500	2000
Shaft Dia.	d_{j6}	11	14	19	24	28	38	42
Key (Shaft, Hub)	WidthxHeight	4x4	5x5	5x5	7x7	7x7	10x8	12x8
Diameter	A	80	90	110	140	175	200	240
	B	52.5	65	80	105	135	155	195
	$C^{+0}_{-0.5}$	55	65	80	90	112	132	160
	D	80	100	125	150	190	230	290
	E_{j6}	38	45	55	64	75	90	115
	F	33	37	47	52	62	74.5	102
	G	10	10	12	15	15	18	20
	H	13.5	13.5	15	20	24	28	28
	I	6.5	6.5	9	11	11	14	14
	J	M4	M4	M6	M6	M6	M10	M10
	J^1	3-M4	3-M4	4-M4	4-M4	6-M5	4-M6	8-M6
	K	27.5	27.5	32	35	42	45	45
Length	L	181	217	270	330	399	504	632
	M	90	105	130	160	185	230	270
	N	75	90	110	135	160	200	240
	P	65.5	78.5	98	121	149	187	238
	Q	40.5	48.5	62	74	90	117	154
	R	46.5	57	72	92	113	142	183
	S	25	30	40	50	60	80	110
	T	20	25	30	40	50	60	70
Weight	kg	1.7	3	6.3	10.6	20	37	66.6

Model FMT Double clutch module, foot-mounted, through-shaft

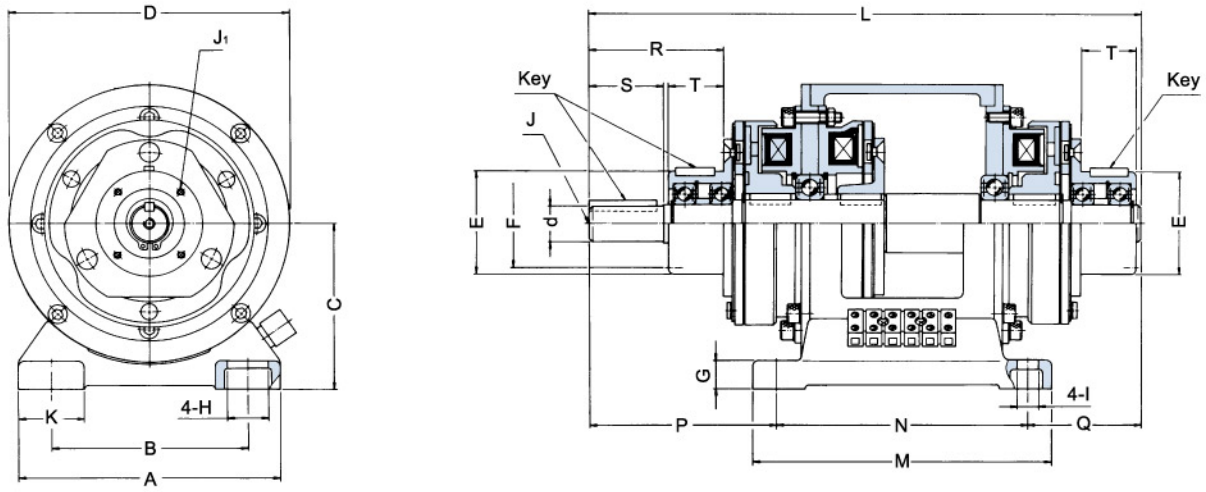




Dimensions in mm.

SIZE		0.6	1.2	2.5	5	10	20	40
Static Torque	kgm	0.55	1.1	2.2	4.5	9	17	36
Exciting Voltage	DC-V	24	24	24	24	24	24	24
Capacity (at 20 °C)	W	11	15	20	25	35	45	60
Max. Revolution	RPM	5000	5000	4500	4000	3000	2500	2000
Shaft Dia.	d_{j6}	11	14	19	24	28	38	42
Key (Shaft, Hub)	WidthxHeight	4x4	5x5	5x5	7x7	7x7	10x8	12x8
Diameter	A	80	90	110	140	175	200	240
	B	55	65	80	105	135	155	195
	$C^{+0}_{-0.5}$	55	65	80	90	112	132	160
	D	80	100	125	150	190	230	290
	E^{j6}	38	45	55	64	75	90	115
	F	33	37	47	52	62	74.5	101.5
	G	10	10	12	15	15	18	20
	H	13.5	15	20	24	28	28	28
	I	6.5	6.5	9	11	11	14	14
	J	M4	M4	M6	M6	M6	M10	M10
	J^1	3-M4	3-M4	4-M4	4-M4	6-M5	4-M6	8-M6
	K	27.5	27.5	32	35	42	45	45
Length	L	181	217	266	327	397	492	603
	M	90	105	130	160	185	230	270
	N	75	90	110	135	160	200	240
	P	65.5	78.5	98	121	149	187	238
	Q	40.5	48.5	58	71	88	105	125
	R	47	57	72	93	113	143	183
	S	25	30	40	50	60	80	110
	T	20	25	30	40	50	60	70
Weight	kg	1.9	3.6	7.2	12.5	22.5	40.5	72.6

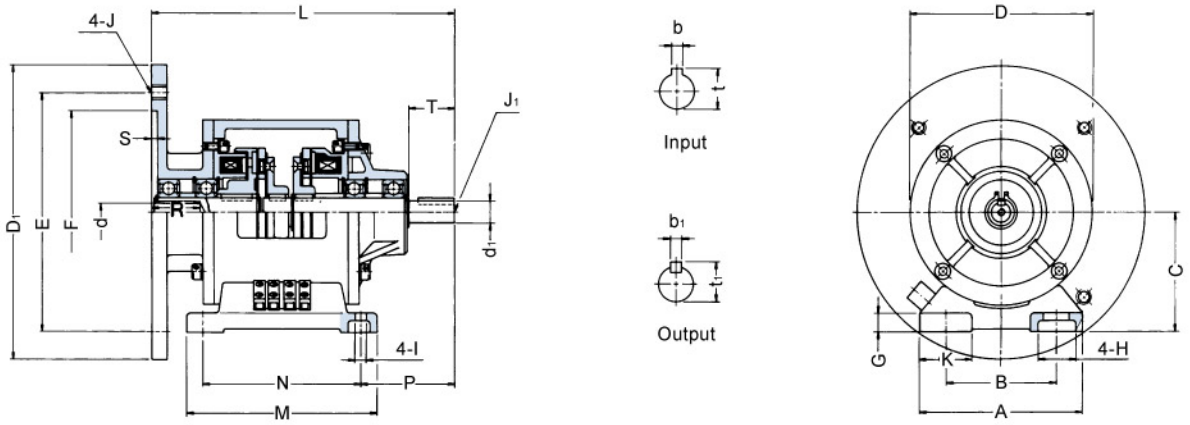
Model FMX Double clutch/brake module, foot-mounted, through-shaft



Dimensions in mm.

SIZE		0.6	1.2	2.5	5	10	20
Static Torque	kgm	0.55	1.1	2.2	4.5	9	17
Exciting Voltage	DC-V	24	24	24	24	24	24
Capacity (at 20℃)	W	11	15	20	25	35	45
Max. Revolution	RPM	5000	5000	4500	4000	3000	2500
Shaft Dia.	dj6	11	14	19	24	28	38
Key (Shaft, Hub)	WidthxHeight	4x4	5x5	5x5	7x7	7x7	10x8
Diameter	A	90	110	140	175	200	240
	B	60	80	105	135	155	195
	$C^{+0}_{-0.5}$	65	80	90	112	132	160
	D	100	125	150	190	230	290
	E^{j6}	38	45	55	64	75	90
	F	33	37	47	52	62	74.5
	G	10	12	15	15	18	20
	H	13.5	15	20	24	28	28
	I	6.5	9	11	11	14	14
	J	M4	M4	M6	M6	M6	M10
	J^1	3-M4	3-M4	4-M4	4-M4	6-M5	4-M6
	K	27.5	32	35	42	45	47
Length	L	211	246	294	358	440	551
	M	105	130	160	185	230	270
	N	90	110	135	160	200	240
	P	73	83	99.5	124	150	197
	Q	48	53	59.5	74	90	114
	R	47	57	72	93	114	143
	S	25	30	40	50	60	80
	T	20	25	30	40	50	60
Weight	kg	4.2	6.5	9.8	18	30.5	60

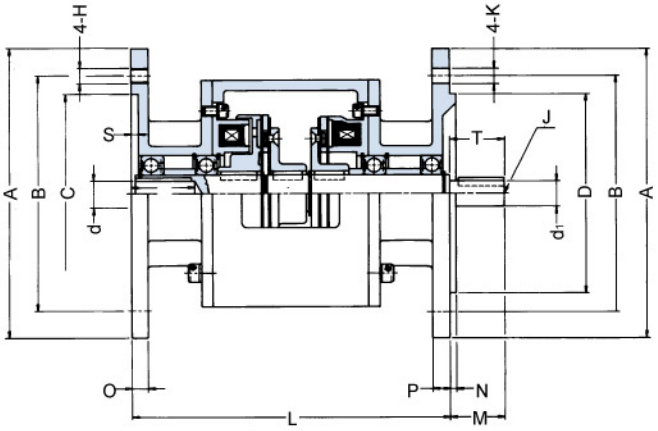
Model MMP Clutch/brake module, single-flange-mounted, split-shaft

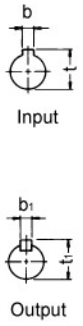


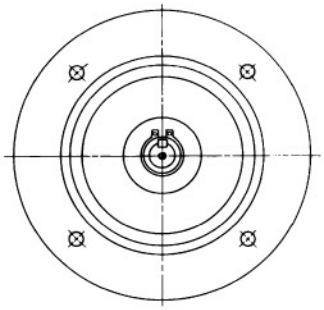
Dimensions in mm.

SIZE			0.6	1.2	2.5	5	10	20
Static Torque		kgm	0.55	1.1	2.2	4.5	9	17
Exciting Voltage		DC-V	24	24	24	24	24	24
Capacity (at 20℃)		W	11	15	20	25	35	45
Input Bore	Dia.	d^{H7}	11	14	19	24	28	38
	keyway	bxt	4x12.5	5x16	6x21.5	8x27	8x31	10x41.5
Output Shaft	Dia.	d_1^{j6}	11	14	19	24	28	38
	keyway	b_1xt_1	4x12.5	5x16	5x21	7x27	7x31	10x41.5
Diameter		A	90	110	140	175	200	240
		B	60	80	105	135	155	195
		$C^{+0}_{-0.5}$	65	80	90	112	132	160
		D	100	125	150	190	230	290
		D^1	140	160	200	200	250	300
		E	115	130	165	165	215	265
		F^{H7}	95	110	130	130	180	230
		G	10	12	15	15	18	20
		H	13.5	15	20	24	28	28
		I	6.5	9	11	11	14	14
		J	M8	M8	M10	M10	M12	M12
		J^1	M4	M4	M6	M6	M6	M10
		K	27.5	32	35	42	45	47
Length		L	162	195	244	287	380	536
		M	105	130	160	185	230	270
		N	90	110	135	160	200	240
		P	52.5	63	80	108	145	188
		R	27	32	42	52	62	82
		S	5	5	5	5	6	6
		T	25	30	40	50	60	80
Weight		kg	2.8	5.5	9.4	16	28	52

Model TMP Clutch/brake module, double-flange-mounted, split-shaft







Dimensions in mm.

SIZE			0.6	1.2	2.5	5	10	20
Static Torque		kgm	0.55	1.1	2.2	4.5	9	17
Exciting Voltage		DC-V	24	24	24	24	24	24
Capacity (at 20°C)		W	11	15	20	25	35	45
Input Bore	Dia.	d^{G7}	11	14	19	24	28	38
	keyway	bxt	4x12.5	5x16	6x21.5	8x27	8x31	10x41.5
Output Shaft	Dia.	d_1^{j6}	11	14	19	24	28	38
	keyway	$b_1 x t_1$	4x12.5	5x16	6x21.5	8x27	8x31	10x41.5
Diameter		A	140	160	200	200	250	300
		B	115	130	165	165	215	265
		C^{H7}	95	110	130	130	180	230
		D^{h7}	95	110	130	130	180	230
		H	M8	M8	M10	M10	M12	M12
		J	M4	M4	M6	M6	M6	M10
		K	10	10	12	12	14	14
Length		L	137	165	203	246	270	456
		M	25	30	40	50	60	80
		N	3.5	3.5	3.5	3.5	4	4
		O	10	10	12	12	16	16
		P	8	8	10	10	12	12
		R	27	32	42	52	62	82
		S	5	5	5	5	6	6
		T	25	30	40	50	60	80
Weight		kg	2.8	5.6	9.5	16.8	29.5	53.5