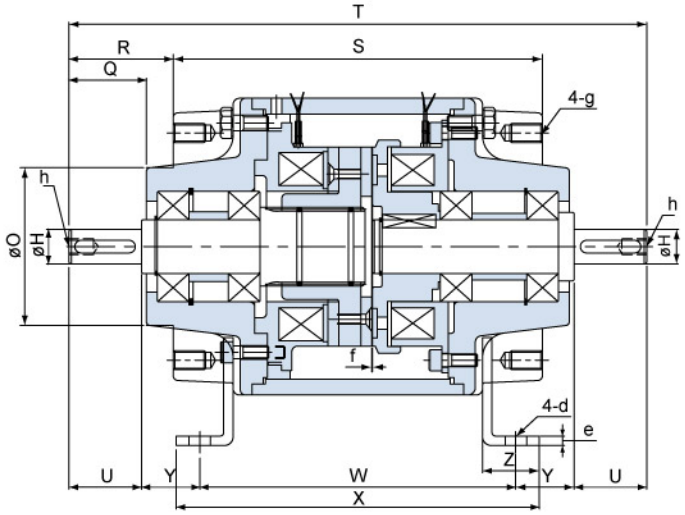
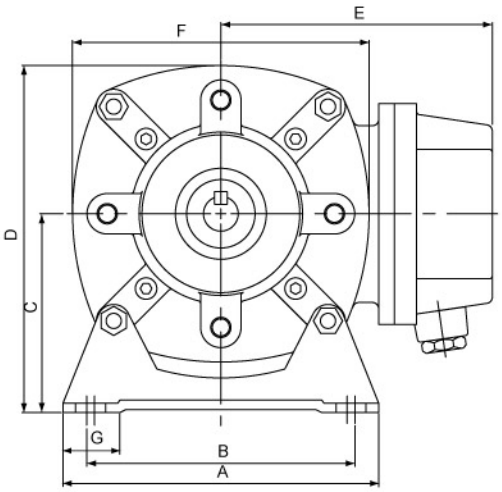
Model FMP Clutch/brake module enclosed, foot-mounted, split-shaft

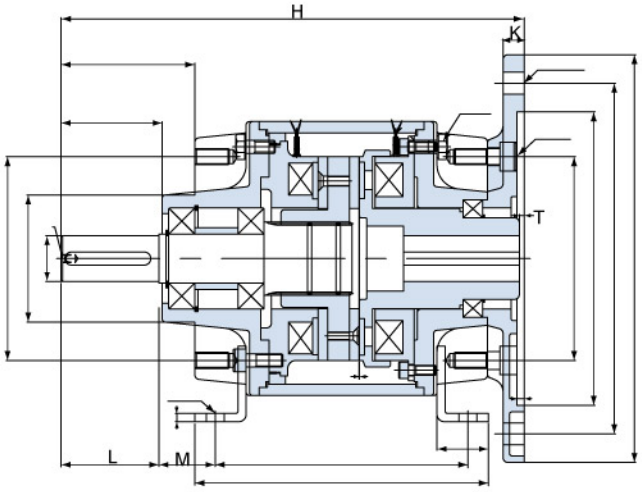


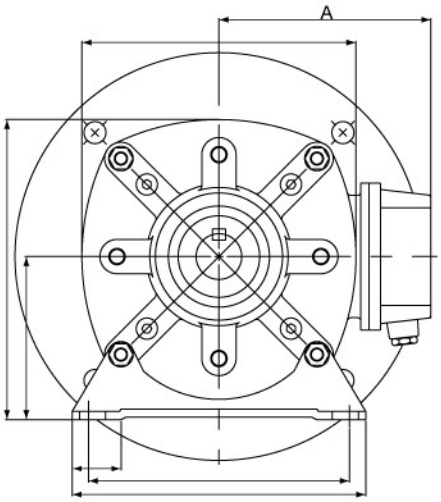


Dimensions in mm.

SIZE			7		15		30		60		120		250		400	
Static Torque		kgm	0.7		1.5		3		6		12		24		40	
Exciting Voltage		DC-V	24		24		24		24		24		24		24	
Capacity (at 20°C)W		C/B	15	11	20	16	28	21	35	28	50	38	60	50	85	60
Max. Revolution		RPM	5000		5000	4500	4500	4000	4000	3000	3000		2500		2500	
Shaft Dia.		Dj6	11	14	14	19	19	24	24	28	28	38	38	42	42	
Key (Shaft)		WidthxHeight	4x4	5x5	5x5	6x6	6x6	8x7	8x7		8x7	10x8	10x8	12x8	12x8	
Length	A		100		130		160		180		223		250		300	
	B		85		110		140		160		195		215		267	
	C		63	71	71	80	80	90	90	100	112	132	160		195	
	D		110	118	130	139	150	160	174	184	218	238	292		356	
	E		86		95		109		130		154		176		202	
	F		94		118		140		168		212		264		322	
	G		18		22		28		30		33		47		50	
Diameter	H		11	14	14	19	19	24	24	28	28	38	38	42	42	
	O		49		55		67		77		97		124		155	
Length	Q		24.5	31.5	32	42	43	53	52	62	62	82	82	112	112	
	R		33	40	42	52	62	72	72	82	82	102	105	135	135	
	S		117		136		151		180		216		276		370	
	T		183	197	220	240	275	295	324	344	380	420	486	546	640	
	U		23	30	30	40	40	50	50	60	60	80	80	110	110	
	W		100		110		135		155		185		230		270	
	X		115		130		160		180		215		262		312	
	Y		18.5		25		30		34.5		37.5		48		75	
	Z		18		25		30		31.5		38		45		60	
	d		7		9		9		11		13		14		17	
	e		3		3.2		4		5		6		8		8	
	f		0.2		0.2		0.2		0.2		0.3		0.4		0.4	
Diameter	g		M6		M8		M8		M10		M12		M16		M16	
	h		M4	M5	M5	M6	M6	M8	M8	M10	M10	M12	M12	M16	M16	
Weight		kg	2.6		4.5		8		13		23.5		46			

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

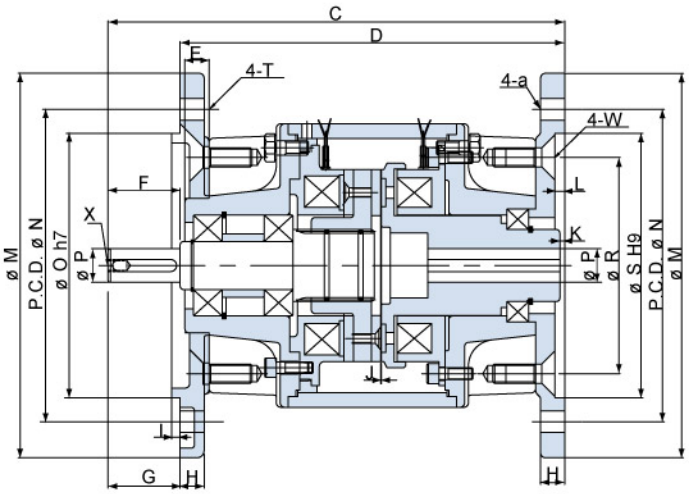


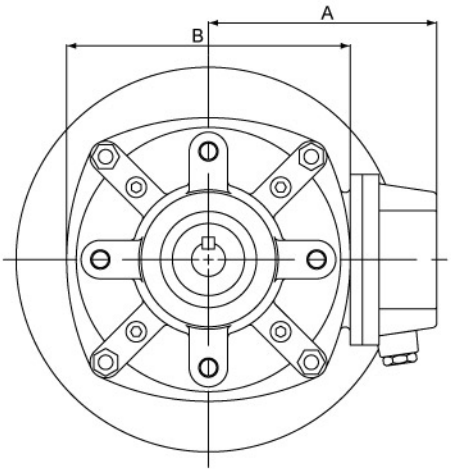


Dimensions in mm.

SIZE			7		15		30		60		120		250		400	
Static Torque		kgm	0.7		1.5		3		6		12		24		24	
Exciting Voltage		DC-V	24		24		24		24		24		24		24	
Capacity (at 20°C)W		C/B	15	11	20	16	28	21	35	28	50	38	60	50	85	60
Input Bore	Dia	d^{G7}	11	14	14	19	19	24	24	28	28	38	38	42	42	42
	keyway	bxt	4x4	5x5	5x5	6x6	6x6	8x7	8x7		8x7	10x8	10x8	12x8	12x8	12x8
Output Shaft	Dia	D^{1j6}	11	14	14	19	19	24	24	28	28	38	38	42	42	42
	keyway	$b^{1}xt^{1}$	4x4	5x5	5x5	6x6	6x6	8x7	8x7		8x7	10x8	10x8	12x8	12x8	12x8
Length	A		86		95		109		130		154		176		202	
	B		94		118		140		168		212		264		322	
	C		110	118	130	139	150	160	174	184	218	238	292		356	
	D		63	71	71	80	80	90	90	100	112	132	160		195	
	E		18		22		28		30		33		47		50	
	F		85		110		140		160		195		215		267	
	G		100		130		160		180		223		250		300	
	H		156	163	190	200	236	246	274	284	320	340	395	425	530	
	I		33	40	42	52	60	70	72	82	82	102	105	135	135	
	J		24.5	31.5	32	42	43	53	52	62	62	82	82	112	112	
	K		10		10		13		13		13		23		23	
	L		23	30	30	40	40	50	50	60	60	80	80	110	110	
	M		18.5		25		30		34.5		37.5		48		75	
	N		100		110		135		155		185		230		270	
	O		115		130		160		180		215		262		312	
	P		3		3.2		4		5		6		8		8	
	Q		18		25		30		31.5		38		45		60	
	R		4		4		5		4		5		6		6	
	S		0.2		0.2		0.2		0.2		0.3		0.4		0.5	
	T		2		2		3		3		4		5		5	
Diameter	a		M8		M8	M10	M10	M12	M10	M12	M12		M12	M16	M16	
	b		M6		M8		M8		M10		M12		M16		M16	
	d		M5		M6		M6	M8	M8		M10		M12		M16	
	e		7		9		9		11		13		14		17	
	f		140	160	160	200	200	250	200	250	250	300	300	350	350	
	g		115	130	130	165	165	215	165	215	215	265	265	300	300	
	i		95	110	110	130	130	180	130	180	180	230	230	250	250	
	j		67		85		112		112		145		195		250	
	m		11	14	14	19	19	24	24	28	28	38	38	42	42	
	n		49		55		77		78		97		124		155	
	q		M4	M5	M5	M6	M6	M8	M8	M10	M10	M12	M12	M16	M16	
Weight	kg		3		5		9		14		25		54			

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





Dimensions in mm.

SIZE			7		15		30		60		120		250		400	
Static Torque		kgm	0.7		1.5		3		6		12		24		40	
Exciting Voltage		DC-V	24		24		24		24		24		24		24	
Capacity (at 20°C)W		C/B	15	11	20	16	28	21	35	28	50	38	60	50	85	60
Intput Bore	Dia.	d^{G7}	11	14	14	19	19	24	24	28	28	38	38	42	42	
	Keyway	bxt	4x4	5x5	5x5	6x6	6x6	8x7	8x7		8x7	10x8	10x8	12x8	12x8	
Output Shaft	Dia.	D^{1j6}	11	14	14	19	19	24	24	28	28	38	38	42	42	
	Keyway	b^1xt^1	4x4	5x5	5x5	6x6	6x6	8x7	8x7		8x7	10x8	10x8	12x8	12x8	
Length	A		86		95		109		130		154		176		202	
	B		94		118		140		168		212		264		322	
	C		156	163	190	200	236	236	274	284	320	340	395	425	530	
	D		133		160		185		224		260		315		418	
	E		8.5		10		19.5		20		20		23		23	
	F		23	30	30	40	40	50	50	60	60	80	80	110	110	
	G		23	30	30	40	40	50	50	60	60	80	80	112	112	
	H		10		10		13		13		16		23		23	
	I		3		3.5		3.5		3.5		3.5		5		5	
	J		0.2		0.2		0.2		0.2		0.3		0.4		0.5	
	K		2		2		3		3		4		5		5	
	L		4		4		5		5		5		6		6	
Diameter	M		140	160	160	200	200	200	200	250	250	300	300	350	350	
	N		115	130	130	165	165	215	165	215	215	265	265	300	300	
	O		95	110	110	130	130	180	130	180	180	230	230	250	250	
	P		11	14	14	19	19	24	24	28	28	38	38	42	42	
	R		67		85		112		112		145		195		250	
	S		95	110	110	130	130	180	130	180	180	230	230	250	250	
	T		9		9	11	13		11	13	13		13	18	18	
	W		M6		M8		M8		M10		M12		M16		M16	
	X		M4	M5	M5	M6	M6	M8	M8	M10	M10	M12	M12	M16	M16	
Weight	kg		3.4		5.5		9.7		14.7		26.3		62			
	a		M8		M8	M10	M10	M12	M10	M12	M12		M12	M16	M16	