

CONSTANT FILL / FIXED SPEED COUPLING

TYPE SMP

Specifications:

Rating Table SMP:

COUPLING MODEL SMP	MAX. RATINGS IN KW AT DIFFERENT INPUT SPEEDS RPM						A	B	BV	d1 max	l1	Dry * Wt. KG	Max. Oil Filling IN Litres	Threads M BSW
	750	900	1000	1200	1500	1800								
1R	0.6	1	1.5	2.5	5	8	280	219	239	38	91	18	2.2	1/2"
2R	0.9	1.6	2.2	3.8	7.5	12	310	205	225	38	91	25	2.8	3/4"
3R	1.2	2.1	3	5	10	15	330	262	282	42	110	30	3.3	3/4"
4R	2.3	4	5.5	9.5	18.5	25	360	284	304	42	110	35	4.1	3/4"
5R	4.1	7	10	17	30	38	395	331	351	65	142	46	6.5	1"
6R	5.6	10	13.3	23	45	60	420	374	394	65	142	65	8.3	1 1/2"
7R	8.3	15	20	34.6	67.5	85	465	395	415	75	142	92	11.1	1 1/2"
8R	11.2	19	26	46	90	120	505	430	450	85	142	115	14.6	1 1/2"
8B-R	16.6	29	39.4	68	133	180	553	495	515	90	155	121	18	1 1/2"
9R	19	33	45	78	152	200	570	512	532	90	170	127	22	1 3/4"
10R	36	62	85	147	250	325	630	535	555	110	210	220	28.5	1 3/4"
11R	87	150	205	355	450	...	740	590	610	110	210	275	44.8	Ø50-8P

with max. pulley Dia in Direct Pulley Mounting.

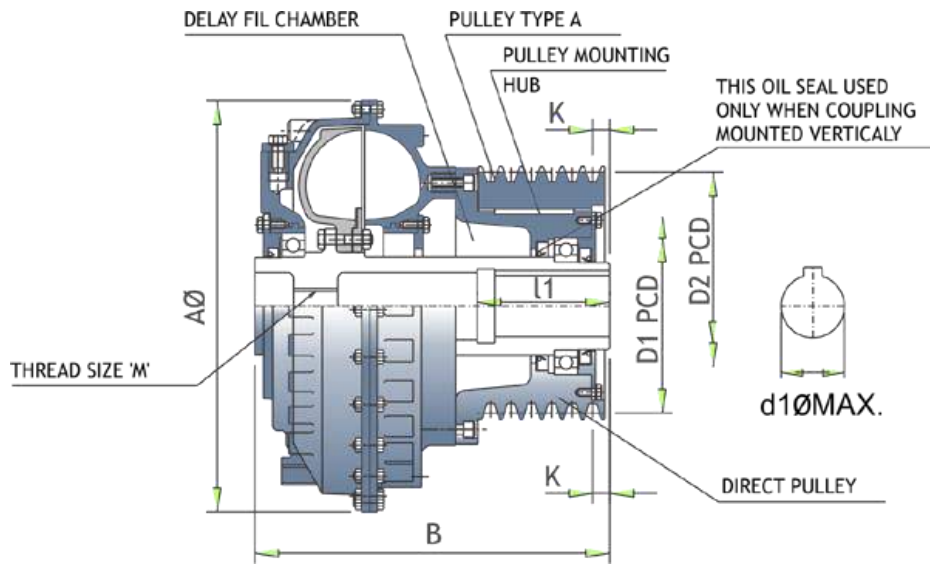
Dimension Table: Pulley Details:

MODEL	PULLEY GROOVE 'SEC'	DIRECT PULLEY MOUNTING				PULLEY GROOVE 'SEC'	PULLEY TYPE-A			
		MAX. NO OF GROOVES	'D1' PCD		'K' ± 1.5		MAX. NO OF GROOVES	'D2' PCD		'K' ± 1.5
			MAX	MIN				MAX	MIN	
SMP-1R	SPA/A	3	260	140	16	—	—	—	—	
	SPB/B	2	260	146	19	—	—	—	—	
	SPC/C	1	260	156	23	—	—	—	—	
SMP-2R	SPA/A	4	300	140	16	—	—	—	—	
	SPB/B	3	300	147	19	—	—	—	—	
	SPC/C	2	300	157	23	—	—	—	—	
SMP-3R SMP-4R	SPB	3	160	145	26	A	5	260	160	18
	SPB	4	140	140	26	B	4	260	165	21
	B	4	140	140	26	C	3	260	170	26
	B	3	160	145	26	SPA	5	260	160	18
	C	2	140	140	31	SPB	4	260	165	21
	C	2	160	145	31	SPC	3	260	170	26
SMP-5R	B	5	180	175	23	-	-	-	-	-
	C	3	200	185	27	B	5	325	209	23
	C	4	185	180	27	C	4	325	215	27
	SPB	5	180	180	23	-	-	-	-	-
	SPC	3	200	195	27	SPB	5	325	213	23
	SPC	4	190	190	27	SPC	4	325	223	27
SMP-6R	B	6	200	175	34	B	6	350	220	22
	B	6	225	210	32	C	5	350	225	27
	C	5	200	180	32	SPB	6	350	222	22
	C	5	225	215	30	SPC	5	350	232	27
	SPB	6	200	180		—	—	—	—	—
	SPB	6	225	215	34	—	—	—	—	—
	SPC	5	200	190	32	—	—	—	—	—
	SPC	5	225	225	30	—	—	—	—	—
SMP-7R	B	6	228	195	26	B	6	380	224	26
	C	5	224	205	30	C	5	380	230	30
	C	5	200	200	30	SPB	6	380	230	26
	SPB	6	228	200	26	SPC	5	380	240	30

	SPC	5	225	215	30	—	—	—	—	—
SMP-8R	B	8	250	240	20	B	8	420	260	18
	B	8	235	225	20	C	6	420	265	22
	C	6	250	240	24	SPB	8	420	265	18
	C	6	235	230	24	SPC	6	420	275	22
	SPB	8	250	240	20	—	—	—	—	—
	SPB	8	235	230	20	—	—	—	—	—
	SPC	6	250	240	24	—	—	—	—	—
	SPC	6	235	235	24	—	—	—	—	—
SMP-8B-R SMP-9R	B	10	250	235	28	B	10	500	260	25
	C	8	250	240	32	C	8	500	265	29
	SPB	10	250	240	28	SPB	10	500	265	25
	SPC	8	250	250	32	SPC	8	500	275	25
SMP-10R	SPB/B	12	350	285	19	SPB/B	12	520	360	19
	SPB/C	9	345	295	23	SPC/C	9	520	360	23
SMP-11R	SPB	11	359	300	5.0	SPB	11	500	360	3
	SPC	8	369	310	2.5	SPC	8	500	370	3
	B	11	350	292	5.0	B	11	500	352	2
	C	8	355	300	2.5	C	8	500	360	3

Starting Torque Characteristic Curve for SMP Model:

Type SMP



Vertical Type Fluid Coupling:

