



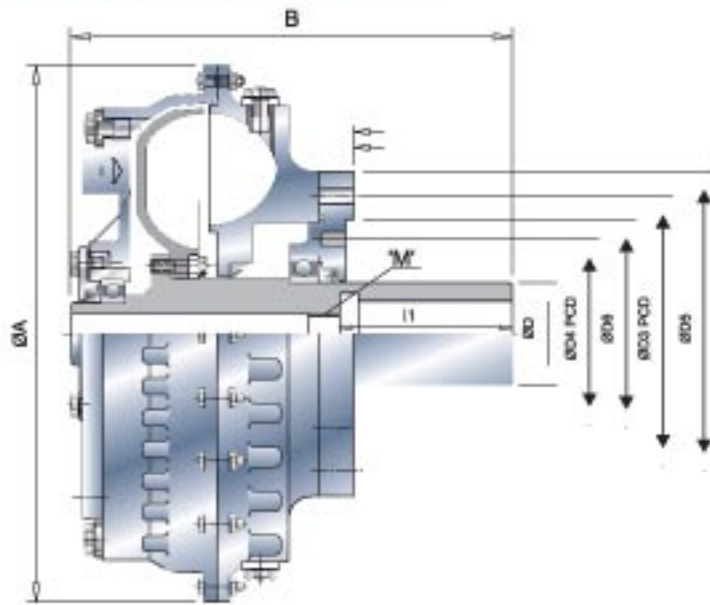
**HD-P**

FOR BELT DRIVE

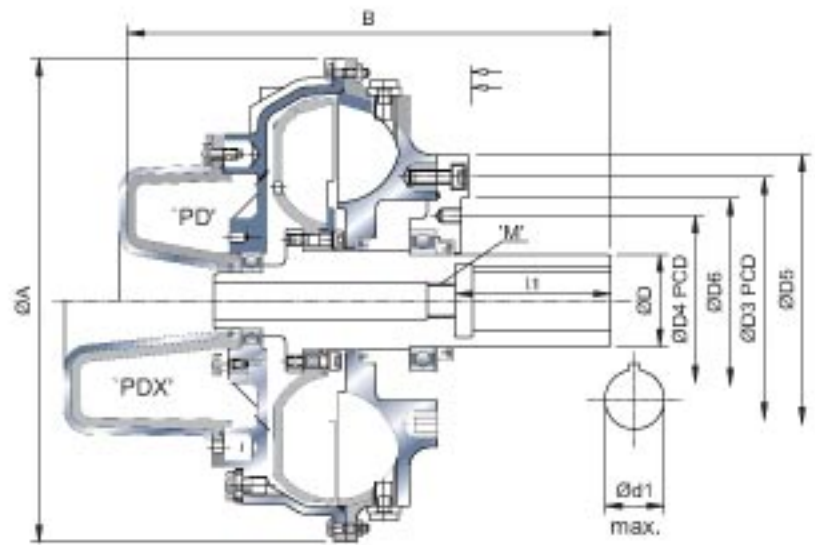
**Fluid Couplings**

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# FLUIDOMAT HD-P



HD-P



HD-PD/PDX

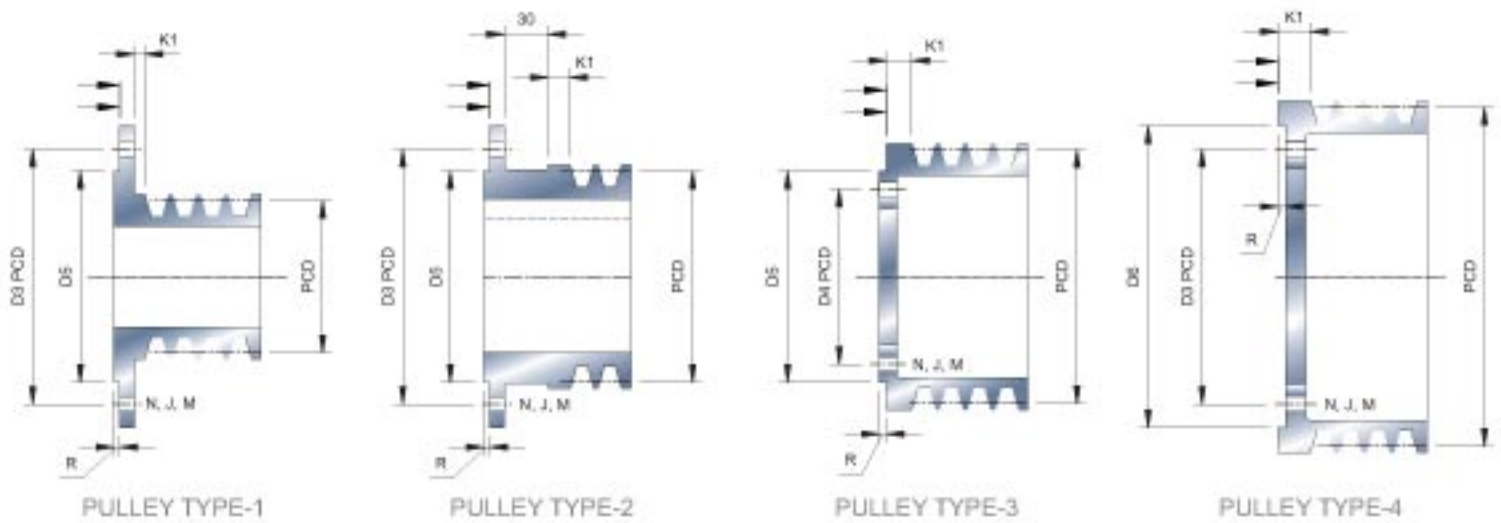
Coupling Model HD-P P / PD / PDX & SMP	Max rating in KW at different input speeds in RPM					
	730	900	970	1200	1470	1800
HD-P 4	1	2	3	6	15	15
HD-P 5	2	4	5	9	30	22
HD-P 6	4	7	9	17	40	42
HD-P 7	5	9	11	22	65	60
SMP 8	11.2	19	26	46	90	120
SMP 9	19	33	45	78	150	200
SMP 10	36	62	85	147	250	325
SMP 11	87	150	205	355	450	--

HD-P couplings are for Belt drive and are offered in different executions of with and without delayfil chamber. These couplings can be supplied without pulley and the pulley within specified range tabulated below, can be manufactured and installed by the buyer at his end. This provides flexibility for stocking and use of pulleys of different specification on the same coupling.

- Suitable for two consecutive starts one from hot and three from cold.
- Fusible plug blow off temperature 130 Degree Centigrade as standard optional 160 degrees centigrade.
- Oil to be used Turbine Oil ISO VG 32.

Coupling model HD-P P / PD / PDX	PCD		Ø D	Ø A	B			Ø d1 max.	l1	Dry Wt. in KG.			Max. Oil Filling In Liters			Threads "M" BSW
	D3	D4			P	PD	PDX			P	PD	PDX	P	PD	PDX	
HD-P 3	175	120	65	342	281	343	382	42	110	24	27	28	2.8	3.2	3.2	3/4"
HD-P 4	175	120	75	367	285	353	382	50	110	30	34	35	3.8	4.2	4.2	3/4"
HD-P 5	215	140	90	406	356	413	463	65	142	40	44	45	4.9	5.4	5.4	1"
HD-P 6	255	162	100	435	395	456	522	65	142	55	59	61	5.6	7.1	7.1	1"
HD-P 7	255	162	110	471	405	464	541	75	142	66	71	73	8.3	8.8	8.8	1 1/2"





Coupling model HD-P P / PD / PDX	Locating Dia. For Pulley		PULLEY MOUNTING PCD		R			N	J	M
	Type-1,2 & 3 D5	Type-4 D6	D3	D4	Type-1 & 2	Type-3	Type-4			
3	145	207	175	120	4	5	5	8	10	M10
4	145	207	175	120	4	5	5	8	10	M10
5	180	255	215	140	5	7	5	8	10	M10
6	220	295	255	162	5	7	5	8	10	M10
7	220	295	255	162	5	7	5	8	10	M10

\* 'N' - NO. , 'J' - DIA DRILLED HOLES FOR 'M' - TAPPED HOLE IN COUPLING

NOTE:- PULLEY MANUFACTURING DRG. WILL BE PROVIDED ON REQUEST

PULLEY TYPE-1						PULLEY TYPE-2					PULLEY TYPE-3					PULLEY TYPE-4				
MODEL	SEC	"D" PCD		NO. OFF GROOVE	K1	SEC	"D" PCD		NO. OFF GROOVE	K1	SEC	"D" PCD		NO. OFF GROOVE	K1	SEC	"D" PCD		NO. OFF GROOVE	K1
		MIN Ø	MAX Ø				MIN Ø	MAX Ø				MIN Ø	MAX Ø				MIN Ø	MAX Ø		
HD-P PIPDPDX 3 & 4	B	Ø115	Ø145	4	7.3	B	Ø145	Ø172	2	15	B	Ø172	Ø230	4	17.3	B	Ø235	Ø320	4	22
	C	Ø120	Ø140	3	5	C	Ø140	Ø180	2	1	C	Ø180	Ø235	3	15	C	Ø240	Ø320	3	20.6
	SPA	Ø115	Ø145	5	8.5	SPA	Ø145	Ø172	3	9	SPA	Ø172	Ø230	5	18.5	SPA	Ø235	Ø320	5	23.5
	SPB	Ø120	Ø145	4	7.3	SPB	Ø140	Ø180	2	15	SPB	Ø180	Ø235	4	17.3	SPB	Ø240	Ø320	4	22
HD-P PIPDPDX 5	SPC	Ø130	Ø140	3	5	SPC	Ø140	Ø190	2	1	SPC	Ø190	Ø245	3	15	SPC	Ø250	Ø320	3	20.6
	B	Ø130	Ø180	6	10.6	B	Ø180	Ø200	4	18	B	Ø200	Ø270	7	5	B	Ø275	Ø350	7	10
	C	Ø140	Ø180	4	20.9	C	Ø180	Ø210	3	16.5	C	Ø210	Ø270	5	9.3	C	Ø285	Ø350	5	14.3
	SPA	Ø130	Ø180	7	19	SPA	Ø180	Ø200	6	4.5	SPA	Ø200	Ø270	8	18	SPA	Ø280	Ø350	8	23.3
HD-P PIPDPDX 6 & 7	SPB	Ø135	Ø180	6	10.6	SPB	Ø180	Ø210	4	18	SPB	Ø210	Ø270	7	5	SPB	Ø285	Ø350	7	10
	SPC	Ø145	Ø180	4	20.9	SPC	Ø180	Ø220	3	16.5	SPC	Ø220	Ø270	5	9.3	SPC	Ø295	Ø350	5	14.3
	B	Ø150	Ø220	7	16.3	B	-	-	-	-	B	Ø225	Ø320	8	11.3	B	Ø325	Ø400	8	14.3
	C	Ø160	Ø220	5	20.6	C	-	-	-	-	C	Ø225	Ø320	8	9.15	C	Ø325	Ø400	6	16.3
HD-P PIPDPDX 6 & 7	SPA	Ø150	Ø220	9	14.5	SPA	-	-	-	-	SPA	Ø225	Ø320	10	13.5	SPA	Ø325	Ø400	10	14.15
	SPB	Ø160	Ø220	7	16.3	SPB	-	-	-	-	SPB	Ø225	Ø320	8	11.3	SPB	Ø325	Ø400	8	16.3
	SPC	Ø170	Ø220	5	20.6	SPC	-	-	-	-	SPC	Ø335	Ø400	6	9.15	SPC	Ø332	Ø400	6	14.3



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