

Rating Table

"Coupling Model ALFA P / PD / PDX"	MAX rating in KW at different input speeds in RPM						
	600	730	900	970	1200	1470	1800
3	...	1.3	2.4	3	6	11	18
4	1	2	4	5	9	16.5	22
5	2	4	7	9	16.3	30	42
6	3	5	9	11	22	40	60
7	4	8	15	18	34	62	85

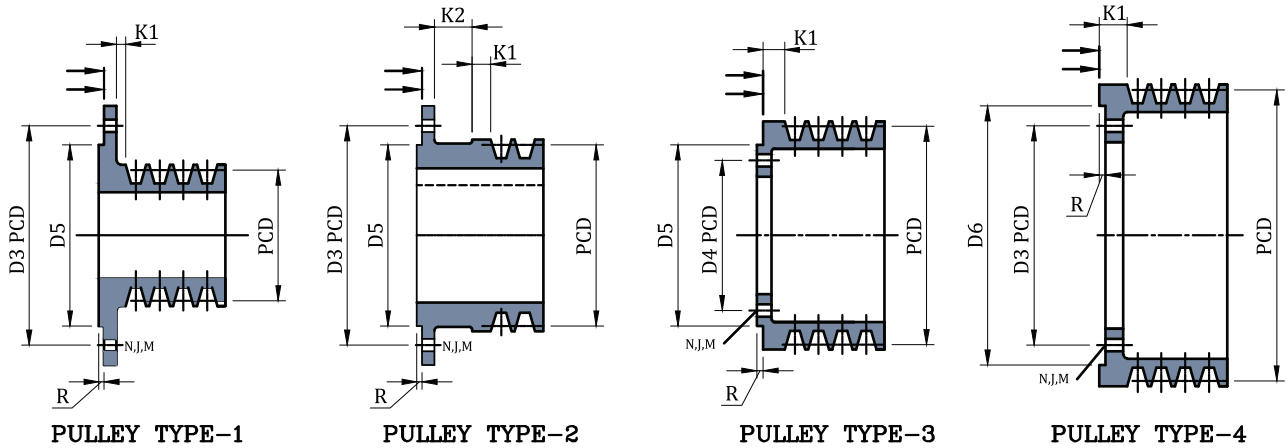
Alfa-P coupling are for Belt drive and are offered in different executions of with and without delayfil chamber. These couplings can be supplied without puyley and the pulley within specified range tabulated below, can be manufactured and installed by the buyer at his end. This provide flexibility for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

- Suitable for three consecutive starts two from hot and three from cold.
- Fusible plug blow of temperature 130°C as standard optional 160°C
- Oil to be used hydraulic Oil ISOVG32.

Technical Specification and Dimension Table For ALFA P, PD & PDX

"Coupling Model ALFA P / PD / PDX"	PCD		ØD	ØA	B			Ød1 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	
3	175	120	65	342	289	351	390	42	110	24	27	28	2.8	3.2	3.2	3/4"
4	175	120	75	367	293	361	390	50	110	30	34	35	3.8	4.2	4.2	3/4"
5	215	140	90	406	356	413	463	65	142	40	44	45	4.9	5.4	5.4	1"
6	255	162	100	435	395	456	526	65	142	55	59	61	5.6	7.1	7.1	1"
7	255	162	110	471	405	464	534	75	142	66	71	73	8.3	8.8	8.8	1 1/2"

ALFA-P



"Coupling Model ALFA P / PD / PDX"	Locating Dia. For Pulley		Pulley Mounting PCD		'R'			*N	*J	*M On Coupling
	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'- Number, 'J' - DIA DRILLED HOLES FPR 'M' - TAPPED HOLE IN COUPLING.

PULLEY TYPE - 1					
MODEL	SEC	"D" PCD		NO. OFF GROVE	K1
		MIN Ø	MAX Ø		
ALFA P/PD/PDX 3 & 4	B	Ø115	Ø145	4	7.3
	C	Ø120	Ø140	3	5
	SPA	Ø115	Ø145	5	8.5
	SPB	Ø120	Ø145	4	7.3
	SPC	Ø130	Ø140	3	5
ALFA P/PD/PDX 5	B	Ø130	Ø180	6	10.6
	C	Ø140	Ø180	4	20.9
	SPA	Ø130	Ø180	7	19
	SPB	Ø135	Ø180	6	10.6
	SPC	Ø145	Ø180	4	20.9
ALFA P/PD/PDX 6 & 7	B	Ø150	Ø220	7	16.3
	C	Ø160	Ø220	5	20.6
	SPA	Ø150	Ø220	9	14.5
	SPB	Ø160	Ø220	7	16.3
	SPC	Ø170	Ø220	5	20.6

PULLEY TYPE - 2						
MODEL	SEC	"D" PCD		NO. OFF GROVE	K1	K2
		MIN Ø	MAX Ø			
ALFA P/PD/PDX 3 & 4	B	Ø145	Ø172	2	15	33.5
	C	Ø140	Ø180	2	1	33.5
	SPA	Ø145	Ø172	3	9	33.5
	SPB	Ø140	Ø180	2	15	33.5
	SPC	Ø140	Ø140	2	1	33.5
ALFA P/PD/PDX 5	B	Ø180	Ø200	4	18	39.0
	C	Ø180	Ø210	3	16.5	39.0
	SPA	Ø180	Ø200	5	4.5	39.0
	SPB	Ø180	Ø210	4	18	39.0
	SPC	Ø180	Ø220	3	16.5	39.0
ALFA P/PD/PDX 6 & 7	B	-	-	-	-	-
	C	-	-	-	-	-
	SPA	-	-	-	-	-
	SPB	-	-	-	-	-
	SPC	-	-	-	-	-

PULLEY TYPE - 3					
MODEL	SEC	"D" PCD		NO. OFF GROVE	K1
		MIN Ø	MAX Ø		
ALFA P/PD/PDX 3 & 4	B	Ø172	Ø230	4	17.3
	C	Ø180	Ø235	3	15
	SPA	Ø172	Ø230	5	18.5
	SPB	Ø180	Ø235	4	17.3
	SPC	Ø190	Ø245	3	15
ALFA P/PD/PDX 5	B	Ø200	Ø270	7	5
	C	Ø210	Ø270	5	9.3
	SPA	Ø200	Ø270	8	18
	SPB	Ø210	Ø270	7	5
ALFA P/PD/PDX 6 & 7	SPC	Ø220	Ø270	5	9.3
	B	Ø225	Ø320	8	11.3
	C	Ø225	Ø320	6	9.15
	SPA	Ø225	Ø320	10	13.5
	SPB	Ø225	Ø320	8	11.3
SPC	Ø235	Ø400	6	9.15	

PULLEY TYPE - 4					
MODEL	SEC	"D" PCD		NO. OFF GROVE	K1
		MIN Ø	MAX Ø		
ALFA P/PD/PDX 3 & 4	B	Ø235	Ø320	4	22
	C	Ø240	Ø320	3	20.6
	SPA	Ø235	Ø320	5	23.5
	SPB	Ø240	Ø320	4	22
	SPC	Ø250	Ø320	3	20.6
ALFA P/PD/PDX 5	B	Ø275	Ø350	7	10
	C	Ø285	Ø350	5	14.3
	SPA	Ø280	Ø350	8	23.3
	SPB	Ø285	Ø350	7	10
ALFA P/PD/PDX 6 & 7	SPC	Ø295	Ø350	5	14.3
	B	Ø325	Ø400	8	14.3
	C	Ø325	Ø400	6	16.3
	SPA	Ø325	Ø400	10	14.15
	SPB	Ø325	Ø400	8	16.3
SPC	Ø335	Ø400	6	14.3	