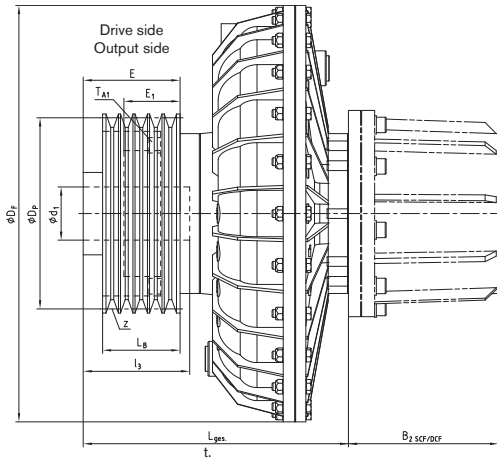
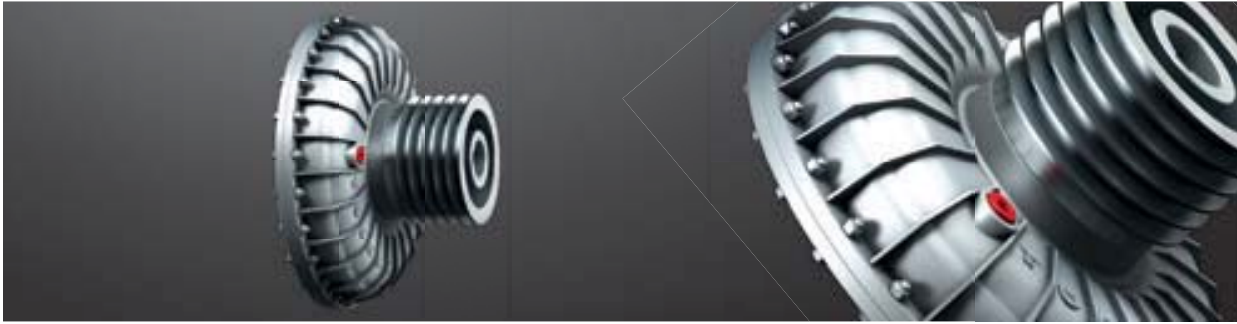


Fluid couplings BETA

with belt pulley (inner wheel drive)



— • • • — optionally: with small or large delay chamber (SCF / DCF)

Selection criteria:
IEC standard motor: 4 poles 1500 rpm (50 Hz)
Ambient temperature: - 20 to + 40 °C
Start-up frequency: < 10/h

Fluid coupling BETA J

Size	Dimensions [mm]										T [Nm]
	d ₁	l ₃	D _F	E**		E ₁ **	L _{ges} **		Bw		T _{A1}
FLK				min.	max.		min.	max.	SCF	DCF	
20	19	40	230	70	85	12/32	185	218	-	-	-
	24	50									
	28	60									
	38	80									
30	28	60	290	50	117	45	218	285	55	95	25
	38	80									
	55	110									
30P	28	60	327	50	117	45	218	285	55	95	25
	38	80									
	55	110									
40P	38	80	338	63	141	60	247	325	58	130	50,5
	55	110									
	42	110									
50	55	110	430	70	160	58	244	334	80	155	50,5
	75	140									
	38	80									
55	55	110	430	70	180	58	256	296	80	155	50,5
	75	140									
	55	110									
60	75	140	520	110	210	88	302	402	90	170	50,5
	80	170									
	55	110									
65	75	140	520	110	235	88	350	475	90	170	50,5
	80	170									
	55	110									
70P	75	140	640	140	245	100	380	485	110	225	212
	95	170									
	110	210									
75P	55	110	640	130	245	100	420	535	110	225	212
	75	140									
	95	170									
	110	210									

Product details

Subject to its design the fluid coupling BETA J can be used as an inner wheel drive only. The body of the coupling is identical with the standard of ALFA K. BETA J is specifically used for belt pulleys. The dimensions of the belt pulley have to be specified by the customer. With type BETA J the belt drive is assembled accessible from outside, i. e. if the belt drive has to be disassembled, this can be done without having to dismount the entire fluid coupling.

Ordering example

BETA	70P	J	Ø75	4 SPB 315	145 °C	-
Type	Coupling size	Design	Bore d ₁	Dimensions of belt pulley	FP	Other options