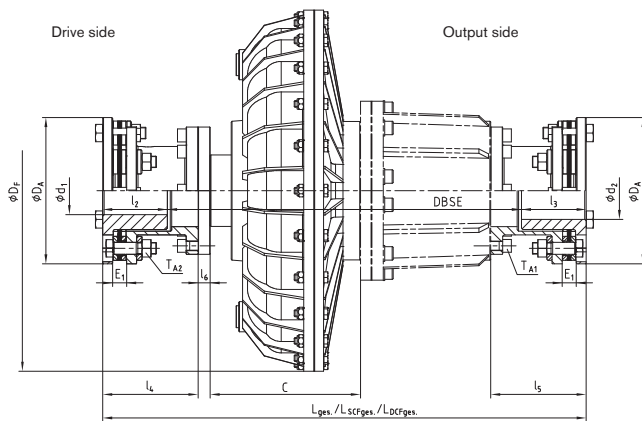


# Fluid couplings ALFA

with RADEX-N®



— • • • — 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 ALFA KLM-S-[SCF/DCF]-NENE**

Size		Dimensions [mm]													T [Nm]	
FLK	RADEX®-N	$d_{1max}$	$d_{2max}$	$D_F$	$D_A$	$l_2/l_3$	$l_4/l_5$	$l_6$	$E_1$	$C$	DBSE	$L_1$	$L_{SCFL}$	$L_{DCF}$	$T_{A1}$	$T_{A2}$
30P	60	50	50	327	138	54,5	79,5	12	11	162	224	333	388	428	25,0	33
40P	70	65	65	338	156	64,5	89,5	15	11	198	263	392	450	522	50,5	65
50	80	70	70	430	179	74,4	102,4	15	14	179	250	399	479	554	50,5	65
55	80	70	70	430	179	74,4	102,4	15	14	211	282	431	511	586	50,5	65
60	85	80	80	520	191	79,4	111,4	15	15	192	271	430	520	600	50,5	115
65	85	80	80	520	191	79,4	111,4	15	15	240	319	478	568	648	50,5	115
70P	105	90	90	640	225	89,3	152,3	22	23	240	388	567	677	792	212,0	280
75P	105	90	90	640	225	89,3	152,3	22	23	265	413	592	702	817	212,0	280

## Product details

The fluid coupling ALFA KLM-S is supplied with the type of drive „inner wheel drive“ as a standard. A version as outer wheel drive (KLM-S-RM) is available, too. If you request so, please specify in your order, with the external dimensions remaining identical. With ALFA KLM-S the weight bears on the fluid coupling equally on the driving and driven shaft. The two reduced hubs fitted (RADEX®-N NENE) allow for easy assembly of the coupling. The design allows for radial assembly and disassembly as well. The steel lamina coupling is maintenance-free and suitable for rough environments difficult to access. The design of ALFA KLM-S with reduced RADEX®-N hubs prevents the body of the fluid coupling from scattering even in case if the lamina break. The safety gear makes sure that the body remains inside the coupling. If the outer wheel drive (KLM-S-RM) is used in combination with the mechanical temperature monitoring system (ET), it shifts reliably even if the drive locks.

## Ordering example

ALFA	50	KLM-S	SCF	NENE	Ø60	Ø60	145 °C	—
Type	Coupling size	Design	Optionally: e. g. small delay chamber	Attachment coupling: RADEX®-N	Bore $d_1$	Bore $d_2$	FP	Other options