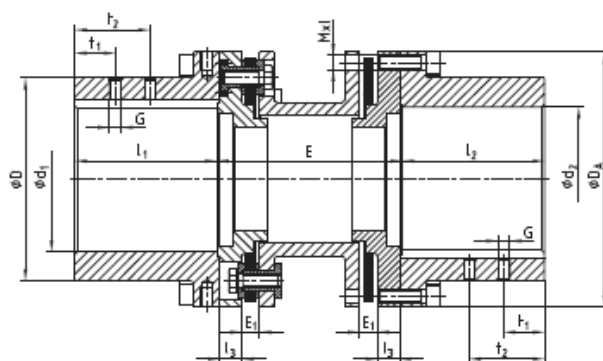


- Series for pump drives
- Coupling in accordance with API 610, API 671 optionally.
- Available with large hub for bigger bore diameters
- Spacers are supplied assembled by the manufacturer
- Finish bore according to ISO fit H7, feather key according to DIN 6885 sheet 1 - JS9
- High balancing quality due to accurate machining (AGMA Class 9)
-  Approved according to EC Standard 94/9/EC (Explosion Certificate ATEX 95)



RIGIFLEX®-N type A																			
Size	Torque [Nm]			Max. finish bore		Dimensions [mm]												Screws DIN EN ISO 4782	
	T _{KN}	T _{Kmax}	T _{KW}	d ₁ /d ₂	D	D _A	l ₁ /l ₂	l ₃	G	t ₁	t ₂	E ₁	E ¹⁾					MxI	T _A
50	240	480	120	50	70	95	50	12	M8	10	-	9	100	140	-	-	-	M6x22	14
65	450	900	225	65	100	126	63	12	M8	20	-	10	100	140	180	-	-	M6x25	14
75	940	1880	470	75	105	138	62,5	12	M8	20	-	10	100	140	180	-	-	M8x30	35
85	1700	3400	850	85	120	156	72,5	15	M10	20	-	12	-	140	180	200	250	M8x30	35
110	2700	5400	1350	110	152	191	87	18	M10	25	-	12	-	140	180	200	250	M10x35	69
120	4500	9000	2250	120	165	213	102	20	M12	25	-	12	-	-	180	200	250	M12x40	120
140	9000	18000	4500	140	200	265	126	25	M12	30	-	15	-	-	-	200	250	M16x50	295
160	13000	26000	6500	160	230	305	145	31	M12	30	-	15	-	-	-	-	250	M16x55	295
168	23000	46000	11500	165	230	305	155	31	M16	30	70	17						M20x50	490
198	30000	60000	15000	190	260	330	185	32	M16	40	90	24						M20x50	490
218	42500	85000	21500	210	285	370	205	32	M20	50	110	26						M20x50	490
258	70000	140000	35000	250	350	440	245	38	M20	70	130	31	acc. to customer's request					M24x60	840
308	115000	230000	57500	300	400	515	294	43	M24	70	130	36						M27x70	1250
348	180000	360000	90000	340	460	590	333	55	M24	95	175	45						M30x120	1700
408	280000	560000	140000	400	530	675	392,5	58,5	M24	95	175	50						M36x100	3700

For selection of coupling see pages 109/110. Mounting instructions no. 47410 under www.ktr.com.

Weights [kg] / Mass moments of inertia x 10 ⁻³ [kgm ²]												
Size	Hub (max. bore)		Spacer complete [kg]					Spacer complete [kgm ²]				
	[kg]	[kgm ²]	E=100	E=140	E=180	E=200	E=250	E=100	E=140	E=180	E=200	E=250
50	0,924	0,001019	2,262	2,442	-	-	-	0,00256	0,00263	-	-	-
65	2,673	0,00541	3,922	4,183	4,445	-	-	0,00810	0,00830	0,00828	-	-
75	2,424	0,00566	4,482	4,842	5,202	-	-	0,01143	0,01191	0,01239	-	-
85	3,742	0,01135	-	7,154	7,548	7,746	8,299	-	0,02364	0,02427	0,02459	0,02538
110	6,711	0,03222	-	12,492	13,478	13,972	15,205	-	0,06291	0,06540	0,06665	0,06976
120	9,181	0,05238	-	-	17,324	17,842	19,137	-	-	0,10314	0,10458	0,10818
140	18,211	0,15175	-	-	-	32,530	34,325	-	-	-	0,31901	0,32845
160	29,868	0,33890	-	-	-	-	52,458	-	-	-	-	0,68640
168	29,9	0,328										
198	39,9	0,557										
218	52,0	0,880										
258	98,8	2,431										
308	141,7	4,780	Mounting dimension E as indicated by the customer									
348	221,5	9,833										
408	325,1	19,220										