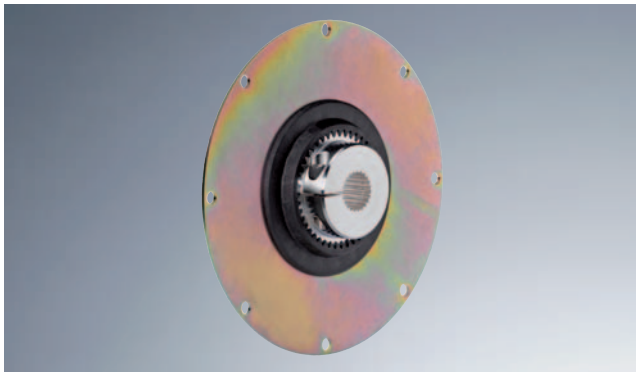
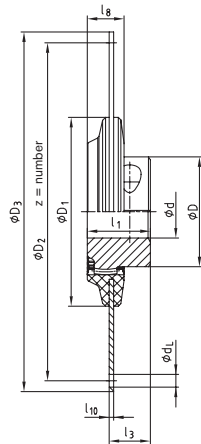


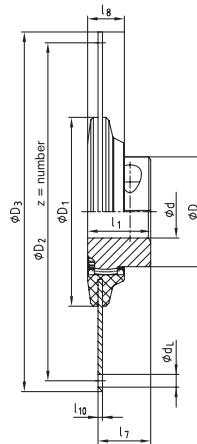
Type FLE-PAC



- High-quality flange coupling to connect flywheels to I. C.-engines and hydraulic pumps
- Composite design of steel flange/polyamide with carbon fibre reinforcement
- High mechanical stiffness and thermal stability
- Maintenance-free with high resistance to wear due to the use of carbon fibre reinforcement
- Extremely short dimensions subject to composite design
- Easy assembly by axial joining
- Special flange dimensions as a single-part design



Short mounting



Long mounting

Flange dimensions according SAE J 620 [mm]				
Size	D <sub>3</sub>	D <sub>2</sub>	z	d <sub>L</sub>
6 1/2"	215,9	200,02	6	9
7 1/2"	241,3	222,25	8	9
8"	263,52	244,47	6	11
10"	314,32	295,27	8	11
11 1/2"	352,42	333,37	8	11
14"	466,72	438,15	8	14

BoWex® FLE-PAC – Dimensions/nominal dimension to SAE																		
Size	Pilot bore	Finish bore d		Dimensions [mm]							Special length l <sub>1</sub> max.	Dimension to SAE (D <sub>3</sub> )						Max. axial displacement [mm]
		min.	max.	D	D <sub>1</sub>	l <sub>1</sub>	l <sub>3</sub>	l <sub>7</sub>	l <sub>8</sub>	l <sub>10</sub>		6 1/2"	7 1/2"	8"	10"	11 1/2"	14"	
48 / T 48	13	20	48	68	110	50	35	46	25	3	up to 60	●	●	●	●		± 3	
65 / T 65	21	30	65	96	165	55	36	46	32	4	up to 70			●	●	●	± 3	
80 / T 80	31	35	80	124	220	90	72	76	35	4	-			●	●	●	± 3	
100 / T 100	38	40	100	152	280	110	85	102	48	5	-				●	●	± 3	

Technical data of BoWex® FLE-PAC – Torques/Weights/Mass moments of inertia/Torsion spring stiffness																	
Size	Torque T <sub>K</sub> [Nm]			Weight / Mass moment of inertia J [kgm <sup>2</sup> ]	Hub with max. bore Ø	FLE-PAC flanges according to SAE						Dynamic torsion spring stiffness with + 60 °C / ψ = 0,45 [Nm/rad]					
	T <sub>KN</sub>	T <sub>K max.</sub>	T <sub>KW</sub>			6 1/2"	7 1/2"	8"	10"	11 1/2"	14"	0,30 T <sub>KN</sub>	0,50 T <sub>KN</sub>	0,75 T <sub>KN</sub>	1,00 T <sub>KN</sub>		
48	240	600	120	[kg]	0,79	0,77	0,98	1,19	1,73					57 x 10 <sup>3</sup>	89 x 10 <sup>3</sup>	109 x 10 <sup>3</sup>	126 x 10 <sup>3</sup>
T 48	300	750	150	[kgm <sup>2</sup> ]	0,0007	0,0049	0,0077	0,0109	0,0221					74 x 10 <sup>3</sup>	115 x 10 <sup>3</sup>	141 x 10 <sup>3</sup>	164 x 10 <sup>3</sup>
65	650	1600	325	[kg]	2,30			1,48	2,20	2,83				164 x 10 <sup>3</sup>	286 x 10 <sup>3</sup>	365 x 10 <sup>3</sup>	411 x 10 <sup>3</sup>
T 65	800	2000	400	[kgm <sup>2</sup> ]	0,0044			0,0145	0,0294	0,0467				202 x 10 <sup>3</sup>	328 x 10 <sup>3</sup>	420 x 10 <sup>3</sup>	473 x 10 <sup>3</sup>
80	1200	3000	600	[kg]	5,20				2,27	2,90	5,20			378 x 10 <sup>3</sup>	620 x 10 <sup>3</sup>	790 x 10 <sup>3</sup>	985 x 10 <sup>3</sup>
T 80	1500	3750	750	[kgm <sup>2</sup> ]	0,0151				0,0312	0,0485	0,1462			430 x 10 <sup>3</sup>	700 x 10 <sup>3</sup>	900 x 10 <sup>3</sup>	1120 x 10 <sup>3</sup>
100	2050	5150	1025	[kg]	9,37						3,35	6,22		600 x 10 <sup>3</sup>	810 x 10 <sup>3</sup>	1050 x 10 <sup>3</sup>	1280 x 10 <sup>3</sup>
T 100	2500	6250	1250	[kgm <sup>2</sup> ]	0,0401						0,0606	0,1828		700 x 10 <sup>3</sup>	900 x 10 <sup>3</sup>	1170 x 10 <sup>3</sup>	1400 x 10 <sup>3</sup>