

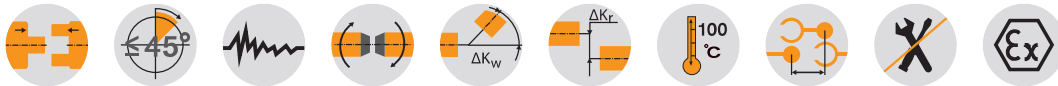
# BoWex-ELASTIC® HE-ZS and HEW

## Highly flexible flange couplings

With drop-out center part for pump drives, highly flexible shaft-to-shaft coupling



For legend of pictogram please refer to flapper on the cover



BoWex-ELASTIC® Type HE-ZS																																		
Size	Max. finish bore d4	Flange connection acc. to SAE - J620 D <sub>A</sub> for HE-ZS										Dimensions [mm]								Drop-out center part HE-ZS L <sub>Z</sub> [mm]					Weight with max. bore [kg]	Mass moment of inertia [kgm <sup>2</sup> ]								
		6 1/2"	7 1/2"	8"	10"	11 1/2"	14"	16"	18"	21"	24"	D <sub>1</sub>	D <sub>4</sub>	D <sub>5</sub>	D <sub>7</sub>	D <sub>8</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>6</sub>	100	120	140	180		250	J <sub>A</sub>	J <sub>L</sub>						
48 <sup>3)</sup>	28	●																48	10			●	●				2.9 <sup>1)</sup>	0.0026	0.0033					
			●																			●	●				3.6 <sup>1)</sup>	0.0106	0.0033					
				●																			●	●				3.9 <sup>1)</sup>	0.0148	0.0033				
					●																		●	●				4.6 <sup>1)</sup>	0.0298	0.0033				
G65 <sup>3)</sup>	45				●																	●	●				7.3 <sup>1)</sup>	0.0242	0.0129					
						●																	●	●				8.9 <sup>2)</sup>	0.0372	0.0150				
80 <sup>3)</sup>	65					●																	●	●				13.7 <sup>2)</sup>	0.0211	0.0497				
							●																	●	●				15.9 <sup>2)</sup>	0.0726	0.0497			
G80 <sup>3)</sup>	65						●																●	●				14.6 <sup>2)</sup>	0.0402	0.0634				
								●																●	●				19.5 <sup>2)</sup>	0.2251	0.0634			
100 <sup>3)</sup>	95						●																●	●				29.8 <sup>2)</sup>	0.1951	0.1779				
125 <sup>4)</sup>	100							●																●	●				41.7 <sup>2)</sup>	0.3013	0.3363			
									●																●	●				43.6 <sup>2)</sup>	0.4123	0.3363		
G125 <sup>4)</sup>	120								●																●	●				45.6 <sup>2)</sup>	0.4781	0.3700		
										●																●	●				47.7 <sup>2)</sup>	0.6380	0.3700	
150 <sup>4)</sup>	135									●																●					63.2	0.6918	0.6647	
											●																●					67.9	1.1410	0.6647
G150 <sup>4)</sup>	135										●																●					68.3	0.7540	0.7677
												●															●					73.0	1.2460	0.7677
200 <sup>4)</sup>	150											●															●					98.7	1.5348	1.4109
													●														●					101.7	1.9138	1.4109
G200 <sup>4)</sup>	150												●														●					103.5	1.7270	1.6401
														●													●					106.6	2.1060	1.6401

<sup>1)</sup> with L<sub>Z</sub> 120

<sup>2)</sup> with L<sub>Z</sub> 100

<sup>3)</sup> Technical data see page 220

<sup>4)</sup> Technical data see page 222

BoWex-ELASTIC® Type HEW																					
Size	Max. finish bore			Dimensions [mm]															Weight with max. bore [kg]	Mass moment of inertia [kgm <sup>2</sup> ]	
	d <sub>2</sub>	d <sub>3</sub>	D	D <sub>2</sub>	z x M	D <sub>4</sub>	D <sub>5</sub>	D <sub>6</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	E	E <sub>1</sub>	L <sub>HEW1</sub>	L <sub>HEW2</sub>	J <sub>A</sub>		J <sub>L</sub>	
42	48	50	68	162	6	M6	146	180	85	50	45	15	50	42	4	32	132	104	4.3	0.0121	0.0015
48 <sup>3)</sup>	48	55	68	180	8	M6	164	200	92	50	45	17	55	45	4	32	137	109	5.5	0.0204	0.0019
65 <sup>3)</sup>	65	75	96	224	8	M8	205	245	125	70	55	28	75	63	5	42	187	150	13.2	0.0752	0.0071
80 <sup>3)</sup>	90	80	124	295.27	8	M10	266	318	130	90	70	17	80	70	5	45	215	160	19.7	0.1449	0.0285
G 80 <sup>3)</sup>	90	95	124	333.4	8	M10	302	358	145	90	80	22	90	78	5	55	235	185	25.9	0.2748	0.0422
100 <sup>3)</sup>	100	110	152	438.15	8	M12	350	478	158	110	80	14	111.5	113	26	57	278	207	48.5	0.8356	0.1050
125 <sup>4)</sup>	125	125	192	438.15	8	M12	416	478	175	140	99	14	170	158	-	45	335	-	67.2	0.9498	0.2617
G125 <sup>4)</sup>	125	125	192	489	8	M12	440	530	175	140	95	14	170	158	-	45	335	-	76.6	1.4492	0.3034
150 <sup>4)</sup>	160	160	225	542.9	6	M16	470	585	225	150	100	18	160	145	-	70	380	-	110	2.7206	0.5303
G150 <sup>4)</sup>	160	160	225	542.9	6	M16	504	585	225	150	108	18	160	145	-	70	380	-	113.4	2.7809	0.5861
200 <sup>4)</sup>	180	200	250	641.35	12	M16	568	683	280	175	149	26	220	214	-	85	480	-	195	6.6418	1.1406
G200 <sup>4)</sup>	180	200	250	641.35	12	M16	600	683	280	175	149	26	220	214	-	85	480	-	200	6.6099	1.3419

<sup>3)</sup> Technical data see page 220

<sup>4)</sup> Technical data see page 222

Other sizes available. Please consult with us.

