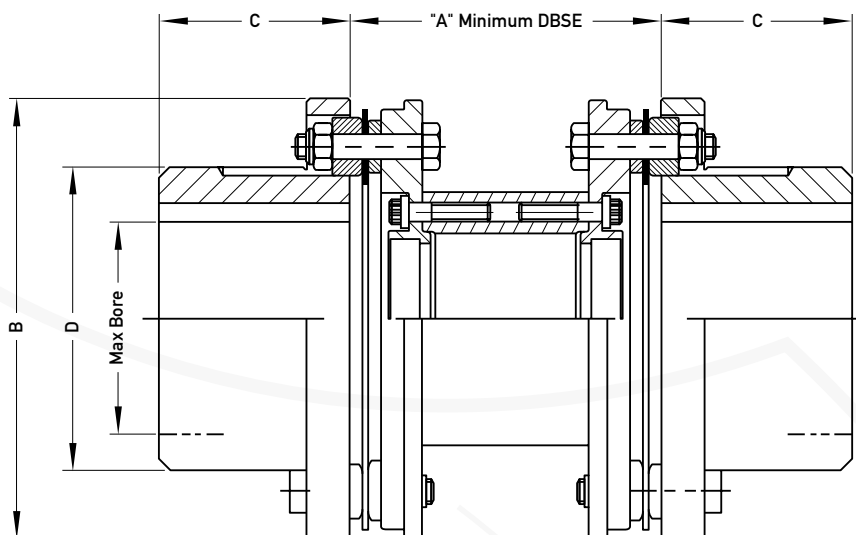


AUTOFLEX SERIES ES HVII



Technical Details

Coupling Size	Rating kW/1000 rpm	Torque Rating		Maximum Speed		(1) Weight (Kg)	Weight per m of extra DBSE. (Kg/m)	(1) Inertia (Kgm ²)	Inertia per m of extra DBSE (Kgm ² /m)	Max. Axial Misalignment (mm)	Max. Parallel Offset (mm)
		Cont. (Nm)	Peak (Nm)	Unbal. (rpm)	Bal. (rpm)						
ES11HVEII	11.5	110	220	9,500	19,000	2.6	4.7	0.0019	0.0019	1.5	0.7
ES19HVEII	20	190	380	8,700	17,000	4.1	5.6	0.0044	0.0030	1.9	0.85
ES 15 HVII	16	150	270	7,600	11,000	3.1	7.2	0.0022	0.0020	0.76	0.65
ES 35 HVII	37	350	620	6,700	9,700	6.2	11	0.0071	0.0067	0.97	0.72
ES 70 HVII	73	700	1,240	6,000	8,600	10.8	20	0.018	0.021	1.12	0.74
ES 130 HVII	136	1,300	2,600	5,500	7,800	16.6	22	0.034	0.028	1.33	0.84
ES 220 HVII	230	2,200	4,400	4,900	7,000	27.1	37	0.077	0.068	1.57	0.92
ES 330 HVII	346	3,300	6,600	4,500	6,500	45.7	40	0.166	0.099	1.79	0.96
ES 480 HVII	502	4,800	9,600	4,100	6,100	56.3	48	0.27	0.14	2.02	1.28
ES 700 HVII	733	7,000	14,000	3,800	5,600	71.1	62	0.44	0.27	2.29	1.29
ES 880 HVII	921	8,800	17,600	3,600	5,200	97.3	84	0.72	0.43	2.49	1.47
ES 1300 HVII	1,360	13,000	26,000	3,400	5,000	138.6	100	1.38	0.65	2.89	1.50

1) Weights and Inertias are calculated using standard unbored hubs and a minimum DBSE dimension.

2) Maximum offset is based on a minimum DBSE (1/2 degree angular misalignment per disc pack)

3) The HVEII utilizes a 4 link membrane pack. The HVII utilizes a 6 link membrane pack.

Dimensional Details

Coupling Size	Maximum Bore (mm)	A • (mm)	B (mm)	C (mm)	D (mm)	Stock DBSE ("A") Dimension						
						(mm)					(in)	
						80	100	140	180	250	5	7
ES11HVEII	40	45	88.9	33.3	56.6	•	•	•			•	•
ES19HVEII	48	56	103.3	39.6	67	•	•	•			•	•
ES 15 HVII	40	48	89	36.5	53.0	•	*	*			*	*
ES 35 HVII	50	58	110	46.0	70.6	•	•	*	*		*	*
ES 70 HVII	66	58	133	57.5	91.0	•	•	*	*		*	*
ES 130 HVII	70	73	152	65.0	96.0		•	*	*	*	*	*
ES 220 HVII	83	81	180	75.0	114		•	*	*	*	*	*
ES 330 HVII	98	94	205	90.0	134		•	•	*	*	•	*
ES 480 HVII	110	109	230	95.0	150			•	*	*	•	*
ES 700 HVII	123	118	257	110.0	169			•	*	*	•	*
ES 880 HVII	137	128	282	120.0	188			•	•	*		•
ES 1300 HVII	160	143	325	130.0	218				•	*		•

1) For shorter DBSE's - consult the factory.

2) Longer hubs can be provided for taper / counter bore requirements - consult the factory.

3) The HVEII utilizes a 4 link membrane pack. The HVII utilizes a 6 link membrane pack.

4) • Refer to the use of solid spacer assemblies. * Refers to the use of a bolted spacer tube