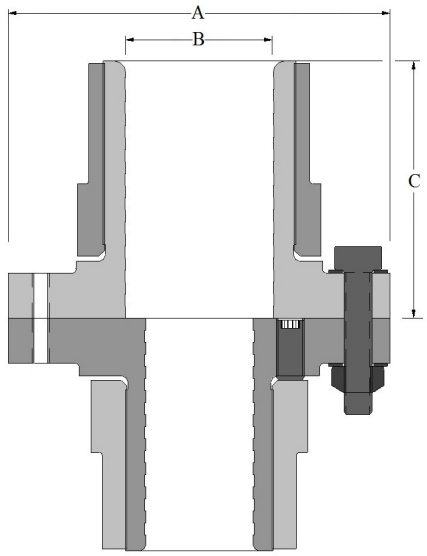
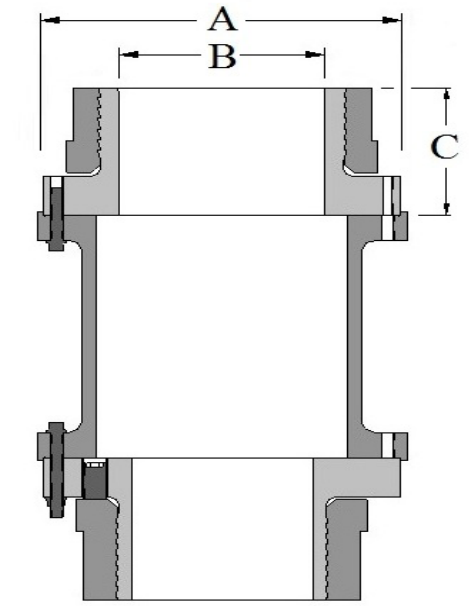
Vertical Rigid Coupling
Engineering Data- Metric

Nominal Sizes		Parameters					A*	B		C*
		Max. Cont. Torque (Nm)	Peak Torque (Nm)	Max Speed (RPM)	Weight (Kg)	Inertia (Kg-m^2)	Outer Diam-eter (mm)	Min. Bore (mm)	Max. Bore (mm)	Hub Length (mm)
080	A	212	356	59,664	0.55	0.00029	70.4	21.1	26.2	36.0
	B	212	356	59,664	0.42	0.00027	70.4	22.4	39.4	35.9
100	A	384	768	46,784	1.08	0.00076	87.6	24.1	29.8	51.2
	B	384	768	46,784	0.90	0.00071	87.6	29.8	38.9	51.2
	C	481	963	46,784	0.92	0.00087	87.6	38.9	45.6	51.4
	D	481	963	46,784	0.84	0.00082	87.6	45.6	48.5	51.4
	E	481	963	46,784	0.90	0.0010	87.6	48.5	52.7	51.5
125	A	550	1,100	38,389	2.04	0.0023	107.3	25.4	31.8	49.4
	B	733	1,467	38,389	1.94	0.0023	107.3	31.8	36.3	49.3
	C	733	1,467	38,389	1.89	0.0024	107.3	36.3	42.4	51.9
	D	917	1,834	38,389	1.65	0.0022	107.3	42.4	50.8	51.8
	E	917	1,834	38,389	1.52	0.0025	107.3	50.8	61.2	51.8
162	A	2,011	4,022	29,233	5.12	0.011	138.9	41.3	50.8	81.5
	B	2,011	4,022	29,233	4.43	0.010	138.9	50.8	66.7	87.9
	C	2,011	4,022	29,233	2.93	0.008	138.9	66.7	88.9	88.1
	D	2,011	4,022	29,233	3.15	0.011	138.9	88.9	101.6	94.2
200	A	3,864	7,728	23,756	9.06	0.030	172.0	54.0	66.7	91.2
	B	3,864	7,728	23,756	6.46	0.025	172.0	66.7	92.1	85.1
	C	3,864	7,728	23,756	5.12	0.024	172.0	92.1	111.1	75.9
	D	3,864	7,728	23,756	5.26	0.028	172.0	111.1	123.8	82.0
250	A	7,649	15,298	19,067	17.21	0.089	219.1	63.5	82.6	120.1
	B	7,649	15,298	19,067	12.09	0.071	219.1	82.6	108.0	107.7
	C	7,649	15,298	19,067	9.46	0.061	219.1	108.0	123.8	91.7
	D	7,649	15,298	19,067	11.32	0.082	219.1	123.8	133.4	88.4
312	A	11,973	23,945	15,125	21.15	0.164	269.0	96.5	111.5	132.3
	B	14,966	29,931	15,125	22.22	0.180	269.0	111.5	119.6	132.7
	C	14,966	29,931	15,125	21.11	0.177	269.0	119.6	128.8	132.9
	D	17,959	35,918	15,125	21.66	0.200	269.0	128.8	144.0	132.9
	E	17,959	35,918	15,125	19.40	0.194	269.0	144.0	159.0	133.1
400	A	25,198	50,396	11,848	47.86	0.524	358.1	101.6	116.8	177.8
	B	31,497	62,995	11,848	52.34	0.628	358.1	116.8	133.4	177.8
	C	31,497	62,995	11,848	46.12	0.584	358.1	133.4	149.9	178.1
	D	39,545	79,090	11,848	54.00	0.810	358.1	149.9	168.9	193.3
	E	39,545	79,090	11,848	49.34	0.787	358.1	168.9	186.1	199.9
	F	39,545	79,090	11,848	45.24	0.770	358.1	186.1	204.5	212.6
500	A	47,244	94,487	9,485	91.60	1.27	375.2	114.3	134.4	220.9
	B	58,997	117,995	9,485	90.95	1.39	375.2	134.4	157.5	221.3
	C	70,616	141,231	9,485	88.00	1.42	375.2	157.5	177.8	240.9
	D	70,616	141,231	9,485	74.66	1.30	375.2	177.8	202.4	241.4
	E	70,616	141,231	9,485	69.44	1.37	375.2	202.4	222.3	241.9
562		94,094	188,188	8,430	128.00	2.84	491.2	144.8	171.5	221.2
630		123,498	246,997	7,556	Contact CCA for more information					
800		245,573	491,146	5,966						
1000		463,860	927,720	4,672						
1250		906,196	1,812,392	3,719						





*Hubs can be designed for shorter shafts and different A dimensions; consult CCA
Weight and inertia are given for maximum bore
Sizes larger than 500 are application specific; numbers listed are estimates
Slip values are approximately 3X values shown
Values given are subject to change

Materials

Hub body and collar - 4000 series or equivalent alloy steel heat treated to 896 MPa UTS minimum.