

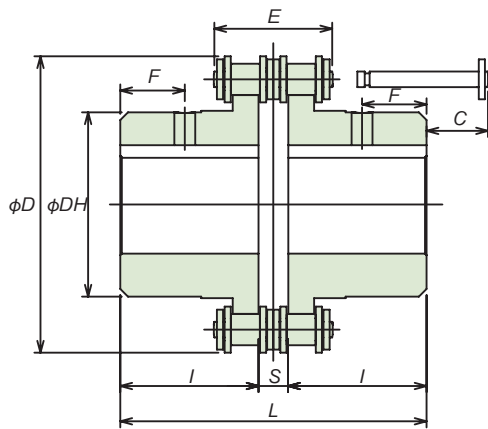
Transmission Capacity

Model No.	Unit	Rotation speed [min ⁻¹]									
		1	5	10	25	50	100	200	300	400	
CR4012H-SS	kW	0.01	0.04	0.08	0.19	0.39	0.58	0.88	1.16	1.39	
	N · m	74	74	74	74	74	55	42	37	33	
CR4014H-SS	kW	0.01	0.05	0.11	0.26	0.53	0.79	1.20	1.58	1.90	
	N · m	101	101	101	101	101	76	57	50	45	
CR4016H-SS	kW	0.01	0.07	0.14	0.35	0.69	1.04	1.58	2.07	2.49	
	N · m	132	132	132	132	132	99	75	66	59	
CR5014H-SS	kW	0.02	0.10	0.20	0.50	1.00	1.50	2.28	3.00		
	N · m	191	191	191	191	191	144	109	96		
CR5016H-SS	kW	0.03	0.13	0.26	0.66	1.31	1.97	2.99	3.93		
	N · m	250	250	250	250	250	188	143	125		
CR5018H-SS	kW	0.03	0.17	0.33	0.83	1.66	2.49	3.79	4.99		
	N · m	317	317	317	317	317	238	181	159		
CR6018H-SS	kW	0.06	0.32	0.63	1.58	3.17	4.75	7.22			
	N · m	605	605	605	605	605	454	345			
CR6022H-SS	kW	0.09	0.43	0.86	2.15	4.30	6.44	9.80			
	N · m	821	821	821	821	821	615	468			
CR8018H-SS	kW	0.14	0.70	1.40	3.50	7.01	10.5				
	N · m	1338	1338	1338	1338	1338	1004				
CR8022H-SS	kW	0.20	1.01	2.02	5.05	10.1	15.1				
	N · m	1929	1929	1929	1929	1929	1447				
CR10020H-SS	kW	0.31	1.57	3.13	7.83	15.7					
	N · m	2992	2992	2992	2992	2992					
CR12018H-SS	kW	0.47	2.37	4.74	11.8	23.7					
	N · m	4526	4526	4526	4526	4526					
CR12022H-SS	kW	0.62	3.08	6.16	15.4	30.8					
	N · m	5883	5883	5883	5883	5883					

Note: When selecting a product, use the product selection procedure given on page 107.

Dimensions

■ Body (H-SS)



- The C dimension is the space needed to attach or remove the chain's joint link.
- The F dimension is the recommended dimension for machining a tapped hole.

Model No.	Pilot bore diameter	Bore diameter range		Moment of inertia kg·m ²	Chain		D	DH	L	I	S	C	F	Weight kg
		Minimum	Maximum		Pitch	Maximum width E								
CR4012H-SS	9	11	22	2.38×10 ⁻⁴	12.7	32.6	61	35	79.4	36	7.4	9	16	0.78
CR4014H-SS	9	11	28	4.37×10 ⁻⁴	12.7	32.6	69	43	79.4	36	7.4	9	16	1.11
CR4016H-SS	13	16	32	7.64×10 ⁻⁴	12.7	32.6	77	50	87.4	40	7.4	5	20	1.53
CR5014H-SS	13	16	35	1.33×10 ⁻³	15.875	40.4	86	53	99.7	45	9.7	10	21	2.11
CR5016H-SS	13	18	40	2.11×10 ⁻³	15.875	40.4	96	60	99.7	45	9.7	10	21	2.68
CR5018H-SS	13	18	45	3.41×10 ⁻³	15.875	40.4	107	70	99.7	45	9.7	10	21	3.51
CR6018H-SS	18	22	56	9.03×10 ⁻³	19.05	50.4	128	85	123.5	56	11.5	13	26	6.36
CR6022H-SS	18	28	71	2.10×10 ⁻²	19.05	50.4	152	110	123.5	56	11.5	13	26	10.09
CR8018H-SS	23	32	80	3.63×10 ⁻²	25.40	65.3	170	115	141.2	63	15.2	30	26	13.8
CR8022H-SS	28	40	100	8.00×10 ⁻²	25.40	65.3	203	140	157.2	71	15.2	22	34	21.7
CR10020H-SS	33	45	110	1.61×10 ⁻¹	31.75	81.9	233	160	178.8	80	18.8	30	36	32.6
CR12018H-SS	43	50	125	2.68×10 ⁻¹	38.10	102.7	256	170	202.7	90	22.7	50	36	43.9
CR12022H-SS	53	56	140	5.93×10 ⁻¹	38.10	102.7	304	210	222.7	100	22.7	40	46	69.0