



Unit : mm

Model NO.	d ₁	d ₂	b ₁	α	b ₂	d ₃	d ₄	h	l ₁	No-load starting torque	Fatigue load	Breakaway load	Weight	No-load starting torque
H ₁	Reference	$\frac{0}{-0.13}$	Degrees	±0.3	±0.5	JIS class 2	±0.5	±0.5	kgf	kgf	kgf	g	kgf-cm	
HRT-3E	3	5.2	7	18	5.25	16	M3x0.5	30	10	500	100	310	25	0.6~6.9
HRT-4E	4	5.8	9.5	16	7.75	18	M4x0.7	35	16	700	200	390	30	0.6~6.9
HRT-5E	5	7.8	11	15	8.75	20.5	M5x0.8	39.5	16	1100	300	450	35	0.6~6.9
HRT-6E	6	7.8	11	15	8.75	20.5	M6x1	39.5	16	1700	400	450	35	0.6~6.9
HRT-8E	8	10.9	11	14	8.25	23	M8x1.25	46	29	3200	800	500	40	1.2~11.5
HRT-10E	10	12.2	12.5	8	10.75	26	M10x1.5	47	29	4700	1200	920	65	1.2~11.5
HRT-12E	12	15.4	16	10	13.25	34	M12x1.75	62	37	7700	2000	950	126	1.2~11.5
HRT-14E	14	18.9	17	8	14.25	36	M14x2	64	38	10500	2800	970	140	1.2~11.5
HRT-15E	15	19	18	11	14.25	38	M14x2	65	38	10500	2800	990	165	1.2~11.5
HRT-16E	16	19.2	19	11	15.25	39	M16x2	66.5	39.5	12700	3400	1100	195	1.2~11.5
HRT-17E	17	20.4	20	12	15.25	41	M16x1.5	72.5	42	12800	3400	1180	220	1.2~11.5
HRT-18E	18	20.4	20	10	16.3	43	M18x1.5	79.5	46	15300	4000	1200	250	1.2~11.5
HRT-20E	20	22.9	22	11	16.3	45	M20x1.5	83	50	15300	4000	1270	290	1.2~11.5
HRT-22E	22	27.1	22	6	19.3	52	M22x1.5	86	51	19800	5200	1500	450	2.3~18.4
HRT-25E	25	32.3	35	15	25.3	70	M24x2	105	59	37300	9900	1960	1150	2.3~18.4
HRT-28E	28	36.8	35	14	25.3	75	M27x2	110	62	35900	9500	2300	1500	2.3~18.4
HRT-30E	30	40.4	37	14	26.3	78	M30x2	120	65	34400	9100	2750	1800	2.3~18.4

Materials:

1. Ball 440C Stainless steel
2. Lathe 410 Stainless steel
3. Body 303 Chromium Molybdenum Steel Zinc plated

Notes:

1. Teflon liner permanently bonded to the inside diameter of the lathe.
2. For left screws, please add "L", i.e. HRTL3E