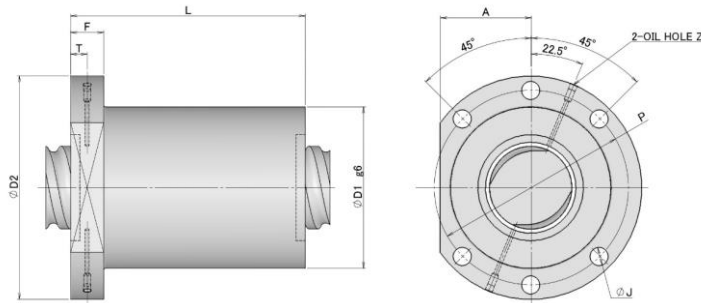


Table of size HJF



Ball screw designing

ex. **V** **80** **HJF** **4D** **50** — **1282** **C7**
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① V: Retainer ※ 1 ④ Effective turns ⑥ Total length(mm)
 ② Nominal shaft diameter(mm) ⑤ Nominal lead(mm) ⑦ Accuracy grade
 ③ Ball nut type

※ 1 V: with retainers C: with ceramic balls In this case, it will be marked with a symbol

※ 2 at ④ S: single-headed screw D: double-headed screw

Lead	Model No.	Screw dia.	Root dia.	Ball dia.	Effective turns	Basic rated dynamic load	Basic rated static load	maximum axial load	Nut dimension(mm)								
ℓ(mm)		d _s (mm)	d _r (mm)	D _w (mm)	m	C _a (kN)	C ₀ (kN)	(kN)	D1	D2	L	F	T	P	J	A	Z
32	63HJF4S32	63	50.5	15.875	3.7 × 1	246	652	82	140	190	172	32	18	165	13.5	85	Rc1/8
40	50HJF3D40	50	40.1	12.7	2.7 × 2	220	530	77	115	165	159	28	16	140	13.5	72.5	Rc1/8
	50HJF4D40				3.7 × 2	288	726	105			199						
	63HJF3D40	63	50.5	15.875	2.7 × 2	355	896	120	140	200	159	32	18	170	17.5	90	Rc1/8
	63HJF4D40				3.7 × 2	465	1220	165			199						
50	80HJF3D50	80	65.7	19.05	2.7 × 2	516	1390	188	175	250	192	40	18	210	22	110	Rc1/8
	80HJF4D50				3.7 × 2	677	1910	257			242					Rc1/8	Rc1/8
60	100HJF3D60	100	85.7	19.05	2.7 × 2	573	1720	243	195	270	224	40	20	235	22	122	Rc1/8
	100HJF4D60				3.7 × 2	752	2360	333			284						
70	120HJF3D70	120	105.7	19.05	2.7 × 2	621	2050	299	210	285	272	50	25	250	22	130	Rc1/8
	120HJF4D70				3.7 × 2	814	2810	405			342						

Please contact us if you plan to use the product in excess of the maximum axial load.