



General Tolerance unless stated $\pm 0.3\text{mm}$

The individual **product features** are displayed at the foot of the table...

Pattern	Ref. No.	Ball Size (mm)	Weight in (Kgs)	Support Load (Kgs)	
				TYPE 13 Carbon Steel Balls	TYPE 15 Stainless Steel Balls
Hevi-Load 0	7101	12.7	0.036	35	35
	7120	25.4	0.394	135	135
	7121		0.550	320	215
	7150	38.1	1.000	1000	670
	7170	50.8	5.020	2000	1330
Hevi-Load 1	7110	12.7	0.042	35	35
	7106	25.4	0.431	135	135
	7127				
	7128				
	7130		0.581	320	215
	7131				
	7153	38.1	1.140	1000	670
	7154	50.8	5.260	2000	1330
	7172				
7173					
Hevi-Load 2	7104	12.7	0.082	35	35
	7124	25.4	0.463	135	135
	7125		0.746	320	215
	7152	38.1	1.240	1000	670
	7171	50.8	6.140	2000	1330
Hevi-Load 3	7103	12.7	0.086	35	35
	7122	25.4	0.459	135	135
	7123		0.735	320	215
	7151	38.1	1.300	1000	670
	7174	50.8	5.520	2000	1330

To order, specify Ref No and TYPE i.e. 7101-13

N.B. Ref. No. 7104 and 7103 units have a round flange with 2 fixing holes.

General Features

Always Hevi-Load Units are designed and manufactured to precise standards. They offer the highest performance available in load transfer applications with load ball sizes from 12.7mm to 50.8mm diameters and a load capacity range from 35kg to 2000kg used either ball up or ball down. Hevi-Load units run on the re-circulating ball principle. The load ball rotates on a bed of small balls supported on a hardened steel, precision machined table.

They can work at maximum capacity in temperatures from -30c up to +100c.

Drain hole or grease points can be incorporated on request.

No spanner flats for 7110 and 7106 Hevi-Load units. The 7101, 7110, 7106, 7104 and 7103 Hevi-Load units incorporate a conventional bearing shell.

All units are machined using CNC machines from one piece of steel, therefore flanges and threads are integral.

Hevi-Load 0



Features: High load capacity, robust body. Dimensionally compatible with Hi-Tech 6025-0

Materials: Type 15 Units (all stainless steel) available on request. When using stainless balls, reduce Type 13 load capacity by 33%.

Hevi-Load 1



Features: High load capacity, bolt fixing. Two spanner flats for fixing and removing. Drill hole fixing. Max tightening torques range from 15Nm for M8 to 25Nm for M24.

Materials: Type 15 Units (all stainless steel) available on request. When using stainless balls, reduce Type 13 load capacity by 33%.

Hevi-Load 2



Features: High load capacity. Top flange fixing. Hevi-Load 7125 is dimensionally compatible with Hi-Tech 6025-2.

Materials: Type 15 Units (all stainless steel) available on request. When using stainless balls, reduce Type 13 load capacity by 33%.

Hevi-Load 3



Features: High load capacity, bottom flange fixing. Drill hole fixing. Hevi-Load 7123 is dimensionally compatible with Hi-Tech 6025-3.

Materials: Type 15 Units (all stainless steel) available on request. When using stainless balls, reduce Type 13 load capacity by 33%.