



**WITHOUT GEAR**

**WITH EXTERNAL GEAR**

**WITH INTERNAL GEAR**

G1 = LUBRICATING NIPPLE EQ SPACED

NOTE - IF LOCATION ARE REQUIRED ON STANDARD BEARINGS, IT IS ESSENTIAL THAT THIS IS INDICATED AT THE TIME OF ORDERING  
AXIAL CLEARANCE = TILTING CLEARANCE

**BEARING WITH EXTERNAL GEAR**

ITEM CODE NO	ROLLING ELEMENT P.C.D.	OUTER DIAMETER	INNER DIAMETER	HEIGHT	EXTERNAL CLAMPING BOLT P.C.D.	INTERNAL CLAMPING BOLT P.C.D.	EXTERNAL NO OF HOLES	EXTERNAL BOLT SIZE	INTERNAL NO OF HOLES	INTERNAL BOLT SIZE	THREADING LENGTH	NUMBER OF LUBRICATING PLUGS	DIAMETER	DIAMETER	DIAMETER	DIAMETER	DISTANCE	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	TOOTH WIDTH	DISTANCE	DISTANCE	ADDENDUM MODIFICATION	ADDENDUM REDUCTION	PERMISSIBLE TANGENTIAL FORCE (NORMAL)	PERMISSIBLE TANGENTIAL FORCE (MAXIMUM)	LOAD RATING				BEARING CLEARANCE	ITEM CODE NO					
																													STATIC		DYNAMIC				axial [mm]	radial [mm]			
																													C <sub>0</sub> rad (kN)	C <sub>0</sub> ax (kN)	C <sub>r</sub> rad (kN)	C <sub>r</sub> ax (kN)							
112-40-1400	1400	1593.6	1266	94	1482	1318	36	26	36	26	-	6	1398	1402	-	-	13	9	1560	12	130	85	81	85	+6.0	-1.2	93.6	187.2	-	-	-	-	-	-	-	-	112-40-1400-FF		
112-40-1600	1600	1803.2	1466	94	1682	1518	40	26	40	26	-	8	1598	1602	-	-	13	9	1764	14	126	85	81	85	+7.0	-1.4	109.2	218.4	-	-	-	-	-	-	-	-	-	-	112-40-1600-FF
112-40-1800	1800	1999.2	1666	94	1882	1718	44	26	44	26	-	11	1798	1802	-	-	13	9	1960	14	140	85	81	85	+7.0	-1.4	109.2	218.4	-	-	-	-	-	-	-	-	-	-	112-40-1800-FF
<b>BEARING WITH INTERNAL GEAR</b>																																							
113-40-1500	1500	1634	1308	94	1582	1418	40	26	40	26	-	8	1498	1502	-	-	9	13	1320	12	110	85	85	81	-6.0	-	93.6	187.2	-	-	-	-	-	-	-	-	-	113-40-1500-FF	
113-40-1700	1700	1834	1498	94	1782	1618	44	26	44	26	-	11	1698	1702	-	-	9	13	1512	14	108	85	85	81	-7.0	-	109.2	218.4	-	-	-	-	-	-	-	-	-	-	113-40-1700-FF

**NOMENCLATURE :-**

111-20-0414-CF	111-20-0414-CF	111-20-0414-CF	111-20-0414-CF	111-20-0414-CF	111-20-0414-CF
1-FOR BALL TYPE	1-FOR SINGLE TRACK	1-FOR WITHOUT GEARING			
2-FOR ROLLER TYPE	2-FOR DOUBLE TRACK	2-FOR EXTERNAL GEARING	BALL OR ROLLER DIAMETER	BALL OR ROLLER TRACK DIAMETER	
	3-FOR TRIPLE TRACK	3-FOR INTERNAL GEARING			
					OUTER RACE
					INNER RACE
					C-FOR COLLER TYPE
					F-FOR FLANGE TYPE

**KAVITSU ROBOTRONIX PVT.LTD.**

SATARA.  
BEARING

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K-3/2/2,ADDL.M.I.D.C.

SLEW RING