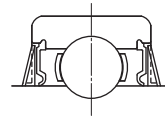
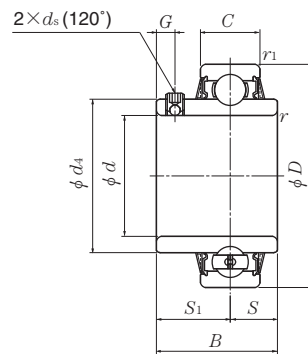
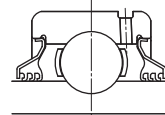


Ball bearings

Set screw type



Standard : Seal + Slinger



Triple Sealed
UCSxxxD1LLJ
Example : UCS205LD1LLJ

Shaft dia. mm inch	Bearing number ¹⁾	Nominal dimensions									
		<i>d</i>	<i>D</i>	<i>B</i>	<i>C</i>	mm <i>r_s</i> min.	inch <i>r_{1s}</i> min.	<i>S</i>	<i>S₁</i>	<i>G</i>	<i>ds</i>
12 $\frac{1}{2}$	UCS201LD1N	12	47	31	17	0.6	0.6	12.7	18.3	4.5	M5 × 0.8
	UCS201-008LD1N	0.5000	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF
15 $\frac{9}{16}$ $\frac{5}{8}$	UCS202LD1N	15	47	31	17	0.6	0.6	12.7	18.3	4.5	M5 × 0.8
	UCS202-009LD1N	0.5625	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF
	UCS202-010LD1N	0.6250									
17 $\frac{11}{16}$	UCS203LD1N	17	47	31	17	0.6	0.6	12.7	18.3	4.5	M5 × 0.8
	UCS203-011LD1N	0.6875	1.8504	1.2205	0.6693	0.024	0.024	0.500	0.720	0.177	No.10-32UNF
20 $\frac{3}{4}$	UCS204LD1N	20	47	31	17	1	0.6	12.7	18.3	4.5	M5 × 0.8
	UCS204-012LD1N	0.7500	1.8504	1.2205	0.6693	0.039	0.024	0.500	0.720	0.177	No.10-32UNF
25 $\frac{13}{16}$ $\frac{7}{8}$ $\frac{15}{16}$ 1	UCS205LD1N	25	52	34.1	17	1	0.6	14.3	19.8	5	M5 × 0.8
	UCS205-013LD1N	0.8125									
	UCS205-014LD1N	0.8750	2.0472	1.3425	0.6693	0.039	0.024	0.563	0.780	0.197	No.10-32UNF
	UCS205-015LD1N	0.9375									
	UCS205-100LD1N	1.0000									
30 $1\frac{1}{16}$ $1\frac{1}{8}$ $1\frac{3}{16}$ $1\frac{1}{4}$	UCS206LD1N	30	62	38.1	19	1	1	15.9	22.2	5	M6 × 0.75
	UCS206-101LD1N	1.0625									
	UCS206-102LD1N	1.1250	2.4409	1.5000	0.7480	0.039	0.039	0.626	0.874	0.197	$\frac{1}{4}$ -28UNF
	UCS206-103LD1N	1.1875									
	UCS206-104LD1N	1.2500									
35 $1\frac{1}{4}$ $1\frac{5}{16}$ $1\frac{3}{8}$ $1\frac{7}{16}$	UCS207LD1N	35	72	42.9	20	1.5	1.5	17.5	25.4	6	M6 × 0.75
	UCS207-104LD1N	1.2500									
	UCS207-105LD1N	1.3125	2.8346	1.6890	0.7874	0.059	0.059	0.689	1.000	0.236	$\frac{1}{4}$ -28UNF
	UCS207-106LD1N	1.3750									
	UCS207-107LD1N	1.4375									
40 $1\frac{1}{2}$ $1\frac{9}{16}$	UCS208LD1N	40	80	49.2	21	1.5	1.5	19	30.2	8	M8 × 1
	UCS208-108LD1N	1.5000	3.1496	1.9370	0.8268	0.059	0.059	0.748	1.189	0.315	$\frac{5}{16}$ -24UNF
	UCS208-109LD1N	1.5625									

Remarks: 1) These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".

2) For inch series bearings, the f_0 factor for calculating equivalent radial load is the same as the metric series.