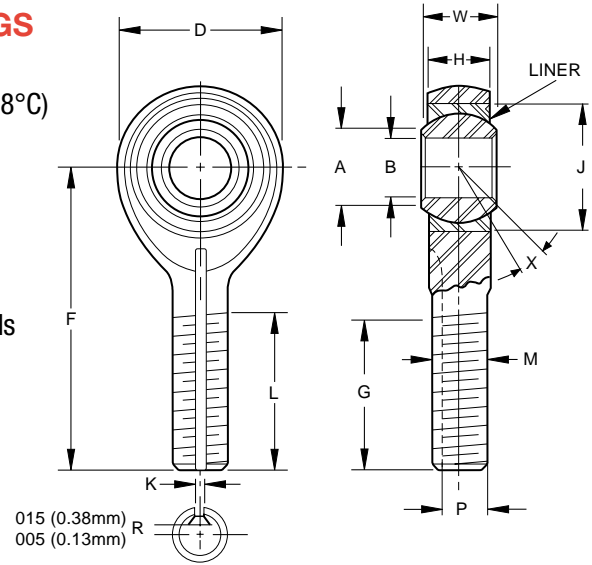


## EN6056 SELF-LUBRICATED ROD END BEARINGS

- Male type, rod end
- High temperature, low wear, -65°F to +325°F (-53.9°C to +162.8°C)
- Material: Bearing inner ring: CRES 440C  
Bearing outer ring: CRES 17-4PH  
Rod end housing: CRES 17-4PH to 180,000 psi min. tensile strength  
Exposed surface of rod end housing cadmium plated
- Liner: Fibriloid® or “E” Uniflon® qualified to AS81820
- Rolled threads conform to UNJF-3A per MIL-S-8879. For rod ends with left hand thread add “L”
- For rod ends with slotted shank or “keyway” add “K” or “1”
- For both keyway and left hand thread, combine options
- For normal starting torque requirements add letter “N” or “R” for reduced torque requirements
- For rod ends with longitudinal groove, add letter “K” or “F” for rod ends without groove



015 (0.38mm) R  
005 (0.13mm)

## SPECIFICATIONS AND ORDERING INFORMATION

### DIMENSIONS – TOLERANCES

Part Number MSSExx6056 Dash No.	EN6056 Dash No.	B		D		L		F		W		H		A		J		K		P		R		M	X°
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	UNJF-3A	Min.
03	03	0.1900	4.826	0.806	20.47	0.968	24.59	1.562	39.67	0.437	11.10	0.337	8.56	0.300	7.62	0.6250	15.875	0.062	1.575	0.260	6.604	2.550	64.770	.3125-24	15
04	04	0.2500	6.350	0.806	20.47	0.968	24.59	1.562	39.67	0.437	11.10	0.337	8.56	0.300	7.62	0.6250	15.875	0.062	1.575	0.260	6.604	2.550	64.770	.3125-24	15
041	041	0.2500	6.350	0.806	20.47	1.787	45.39	2.442	62.03	0.437	11.10	0.337	8.56	0.300	7.62	0.6250	15.875	0.062	1.575	0.260	6.604	2.550	64.770	.3125-24	15
05	05	0.3125	7.938	0.900	22.86	1.187	30.15	1.875	47.63	0.437	11.10	0.327	8.31	0.360	9.14	0.6875	17.463	0.062	1.575	0.260	6.604	2.550	64.770	.3125-24	14
051	051	0.3125	7.938	0.900	22.86	1.457	37.01	2.270	57.66	0.437	11.10	0.327	8.31	0.360	9.14	0.6875	17.463	0.062	1.575	0.260	6.604	2.550	64.770	.3125-24	14
06	06	0.3750	9.525	1.025	26.04	1.187	30.15	1.938	49.23	0.500	12.70	0.416	10.57	0.466	11.84	0.8125	20.638	0.093	2.362	0.311	7.899	2.550	64.770	.3750-24	8
061	061	0.3750	9.525	1.025	26.04	1.654	42.01	2.422	61.52	0.500	12.70	0.416	10.57	0.466	11.84	0.8125	20.638	0.093	2.362	0.311	7.899	2.550	64.770	.3750-24	8
07	07	0.4375	11.113	1.150	29.21	1.281	32.54	2.125	53.98	0.562	14.27	0.452	11.48	0.537	13.64	0.9375	23.813	0.093	2.362	0.370	9.398	2.550	64.770	.4375-20	10
08	08	0.5000	12.700	1.337	33.96	1.468	37.29	2.438	61.93	0.625	15.88	0.515	13.08	0.607	15.42	1.0000	25.400	0.093	2.362	0.436	11.074	2.550	64.770	.5000-20	9
081	081	0.5000	12.700	1.337	33.96	2.216	56.29	3.144	79.86	0.625	15.88	0.515	13.08	0.607	15.42	1.0000	25.400	0.093	2.362	0.436	11.074	2.550	64.770	.5000-20	9
10	10	0.6250	15.875	1.525	38.74	1.562	39.67	2.625	66.68	0.750	19.05	0.577	14.66	0.747	18.97	1.1875	30.163	0.125	3.175	0.541	13.741	2.550	64.770	.6250-18	12
101	101	0.6250	15.875	1.525	38.74	2.110	53.59	3.190	81.03	0.750	19.05	0.577	14.66	0.747	18.97	1.1875	30.163	0.125	3.175	0.541	13.741	2.550	64.770	.6250-18	12
12	12	0.7500	19.050	1.775	45.09	1.687	42.85	2.875	73.03	0.875	22.23	0.640	16.26	0.845	21.46	1.3750	34.925	0.125	3.175	0.663	16.840	2.550	64.770	.7500-16	13
14	14	0.8750	22.225	2.025	51.44	2.000	50.80	3.375	85.73	0.875	22.23	0.785	19.94	0.995	25.27	1.6250	41.275	0.156	3.962	0.777	19.736	0.318	8.077	.8750-14	6
16	16	1.0000	25.400	2.775	70.49	2.343	59.51	4.125	104.78	1.375	34.93	1.015	25.78	1.269	32.23	2.1250	53.975	0.187	4.750	1.136	28.854	0.318	8.077	1.2500-12	13

### LOAD RATINGS

Part Number MSSExx6056 Dash No.	EN6056 Dash No.	Radial Loads				Axial Proof Load		Fatigue Load		Starting Torque				Approx Weight	
		Limit Load	Ultimate Load			kN	lbf	kN	lbf	Normal		Reduced		kg	lbs.
		kN	lbf	kN	lbf	kN	lbf	kN	lbf	Nm	in-lbs	Nm	in-lbs		
03	03	20.0	4500	30.0	6700	7.9	1800	4.7	1100	.06-0.56	0.5- 5.0	0.0- 0.11	0.0- 1.0	0.033	0.07
04	04	20.0	4500	30.0	6700	7.9	1800	4.7	1100	.11- 0.56	1.0- 5.0	0.0- 0.11	0.0- 1.0	0.033	0.07
041	041	20.0	4500	30.0	6700	7.9	1800	4.7	1100	.11- 0.56	1.0- 5.0	0.0- 0.11	0.0- 1.0	0.041	0.09
05	05	20.0	4500	30.0	6700	7.3	1600	4.9	1100	.11- 0.56	1.0- 5.0	0.0- 0.11	0.0- 1.0	0.039	0.09
051	051	20.0	4500	30.0	6700	7.3	1600	4.9	1100	.11- 0.56	1.0- 5.0	0.0- 0.11	0.0- 1.0	0.043	0.09
06	06	29.1	6500	43.6	9800	11.7	2600	6.7	1500	.11- 0.56	1.0- 5.0	0.0- 0.11	0.0- 1.0	0.062	0.14
061	061	29.1	6500	43.6	9800	11.7	2600	6.7	1500	.11- 0.56	1.0- 5.0	0.0- 0.11	0.0- 1.0	0.068	0.15
07	07	31.4	7100	47.1	10600	14.4	3200	8.5	1900	.11- 0.56	1.0- 5.0	.03- 0.15	0.3- 1.3	0.083	0.18
08	08	57.2	12900	85.8	19300	15.4	3500	13.7	3100	.11- 0.56	1.0- 5.0	.03- 0.15	0.3- 1.3	0.126	0.28
081	081	57.2	12900	85.8	19300	15.4	3500	13.7	3100	.11- 0.56	1.0- 5.0	.03- 0.15	0.3- 1.3	0.141	0.31
10	10	66.9	15000	100.4	22600	18.3	4100	15.5	3500	.11- 0.56	1.0- 5.0	.03- 0.15	0.3- 1.3	0.192	0.42
101	101	66.9	15000	100.4	22600	18.3	4100	15.5	3500	.11- 0.56	1.0- 5.0	.03- 0.15	0.3- 1.3	0.212	0.47
12	12	88.2	19800	132.2	29700	22.9	5100	20.4	4600	.11- 0.56	1.0- 5.0	.03- 0.15	0.3- 1.3	0.290	0.64
14	14	102.8	23100	154.2	34700	27.1	6100	23.8	5400	.23- 0.90	2.0- 8.0	.04- 0.25	0.4- 2.2	0.437	0.96
16	16	230.9	51900	348.9	78400	35.4	8000	53.3	12000	.23- 0.90	2.0- 8.0	.04- 0.25	0.4- 2.2	1.150	2.54

### DESIGNATION EXAMPLE

Description Block: **ROD-END**  
 Identity Block: **EN6056 R 04 N T K**  
 No. of this standard \_\_\_\_\_  
 Thread code \_\_\_\_\_  
 Diameter code \_\_\_\_\_  
 Starting torque \_\_\_\_\_  
 Surface treatment \_\_\_\_\_  
 Longitudinal groove code \_\_\_\_\_