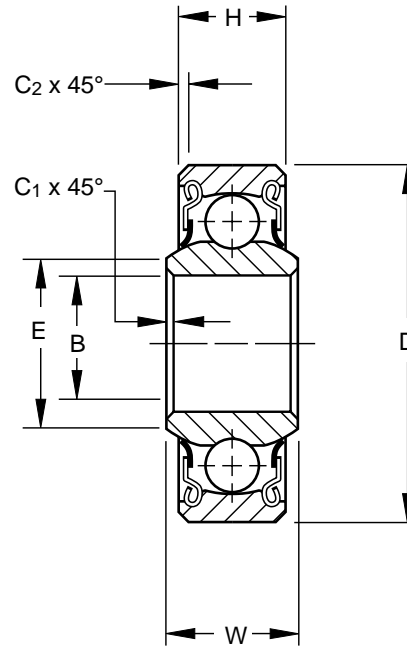


## MS27645 • SAE-AS7949

- Single row, ball, self-aligning, light and heavy duty
- Bonded PTFE seals
- Exposed surfaces except bore, caps, and seals are cadmium plated
- Prelubricated for life
- Also offered with CRES 440C material and/or zinc nickel plating per OEM specifications



AIRFRAME CONTROL BALL BEARINGS

## SPECIFICATIONS AND ORDERING INFORMATION

TO ORDER, SPECIFY BEARING NUMBER AND FACTORY SPECIFICATION. SEE TABLE 1 ON PG 8. (Example KSP3L FS464)

Bearing Number <sup>(1)</sup>	MS 27645 Dash No.	Bore B		Outside Diameter D		Widths				E		C <sub>1</sub>		C <sub>2</sub>		Wt.		Radial Limit Load Rating	Thrust Limit Load Rating		
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg			lb.	N
		+0.0000, -0.0005		+0.0000, -0.0005		+0.0000, -0.0005		+0.0000, -0.0005			Approx.	+0.015, -0.000		+0.015, -0.000		Approx.					
		+0.000, -0.013		+0.000, -0.013		+0.000, -0.13		+0.00, -0.13				+0.38, -0.00		+0.38-0.00							
KSP3L	-3A	0.1900	4.826	0.6250	15.875	0.245	6.22	0.203	5.16	0.256	6.50	0.005	0.13	0.016	0.41	0.01	0.005	550	2450	100	450
KSP4A <sup>(1)</sup>	-4A	0.2500	6.350	0.7500	19.050	0.281	7.14	0.219	5.56	0.328	8.33	0.005	0.13	0.016	0.41	0.02	0.009	900	4000	200	900
KSP5A <sup>(1)</sup>	-5A	0.3125	7.938	0.8125	20.638	0.297	7.54	0.234	5.94	0.389	9.88	0.015	0.38	0.016	0.41	0.02	0.009	1000	4400	200	900
KSP6A <sup>(1)</sup>	-6A	0.3750	9.525	0.8750	22.225	0.313	7.95	0.250	6.35	0.462	11.73	0.016	0.41	0.016	0.41	0.03	0.014	1120	5000	200	900
KSP3	-3	0.1900	4.826	0.7774	19.746	0.297	7.54	0.270	6.86	0.297	7.54	0.005	0.13	0.022	0.56	0.03	0.014	900	4000	200	900
KSP4	-4	0.2500	6.350	0.9014	22.896	0.484	12.29	0.335	8.51	0.396	10.06	0.005	0.13	0.032	0.81	0.04	0.018	1410	6300	300	1340
KSP5	-5	0.3125	7.938	1.2500	31.750	0.558	14.17	0.375	9.52	0.567	14.40	0.015	0.38	0.032	0.81	0.10	0.045	2190	9800	300	1340
KSP6	-6	0.3750	9.525	1.4375	36.512	0.620	15.75	0.469	11.91	0.612	15.54	0.015	0.38	0.032	0.81	0.15	0.068	2980	13200	400	1780
KSP8	-8	0.5000	12.700	1.6875	42.862	0.620	15.75	0.500	12.70	0.796	20.22	0.015	0.38	0.044	1.12	0.23	0.104	3670	16300	500	2230
KSP10	-10	0.6250	15.875	1.9375	49.212	0.813	20.65	0.625	15.88	0.922	23.42	0.015	0.38	0.044	1.12	0.37	0.168	5320	23600	600	2670

<sup>(1)</sup> These bearings are self-aligning for 10° in either direction except KSP4A, KSP5A and KSP6A which are self-aligning for 8° in either direction.