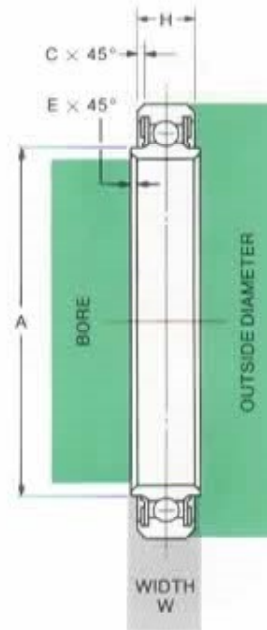


# KP-B Series Radial Torque Tube Type

MS27642 • MIL-B-7949

- Single row, ball.
- Torque tube type.
- Equipped with Teflon seals.
- Exposed surfaces as mounted are cadmium plated.
- Prepacked with lubricant conforming to MIL-G-81322.



DIMENSIONS • TOLERANCES

Shaft and Housing Fits — Pages 100 and 106

Bearing Number	MS 27642 Dash No.	Bore		Outside Diameter		Widths		A	E	C	Balls No.	Balls Size	Weight Approx.
		+ .0000 - .0010 + .000 - .025	+ .0000 - .0010 + .000 - .025	+ .000 - .005 + .00 - .13	+ .000 - .005 + .00 - .13	W	H						
KP16B	FS464	-16	1.0000 <sup>(1)</sup> 25.400 <sup>(1)</sup>	1.7500 44.450	.437 11.10	.375 9.52	1.141 28.98	.024 .61	.024 .61	23	3/16	0.14 .064	
KP21B	FS464	-21	1.3130 33.350	2.0625 52.388	.437 11.10	.375 9.52	1.454 36.93	.024 .61	.024 .61	28	3/16	0.16 .073	
KP23B	FS464	-23	1.4380 36.525	2.1875 55.562	.437 11.10	.375 9.52	1.574 39.98	.024 .61	.024 .61	30	3/16	0.17 .077	
KP25B	FS464	-25	1.5630 39.700	2.3125 58.738	.437 11.10	.375 9.52	1.693 43.00	.024 .61	.024 .61	32	3/16	0.19 .086	
KP29B	FS464	-29	1.8130 46.050	2.5625 65.088	.437 11.10	.375 9.52	1.931 49.05	.024 .61	.024 .61	36	3/16	0.21 .095	
KP33B	FS464	-33	2.0630 52.400	2.8125 71.438	.437 11.10	.375 9.52	2.231 56.67	.024 .61	.024 .61	41	3/16	0.23 .104	
KP37B	FS464	-37	2.3130 58.750	3.0625 77.788	.437 11.10	.375 9.52	2.468 62.69	.024 .61	.024 .61	45	3/16	0.26 .118	
KP47B	FS464	-47	2.9380 74.625	3.8750 98.425	.531 13.49	.469 11.91	3.093 78.56	.039 .99	.039 .99	45	15/64	0.49 .222	
KP49B	FS464	-49	3.0630 77.800	4.0000 101.600	.531 13.49	.469 11.91	3.222 81.84	.039 .99	.039 .99	44	1/4	0.53 .240	
KP52B	FS464	-52	3.2500 82.550	4.1875 106.362	.531 13.49	.469 11.91	3.479 88.37	.039 .99	.039 .99	46	1/4	0.65 .295	
KP56B	FS464	-56	3.5000 88.900	4.4375 112.712	.531 13.49	.469 11.91	3.775 95.88	.039 .99	.039 .99	50	1/4	0.70 .318	

<sup>(1)</sup> +.0000 - .0005", +.000 - .013mm