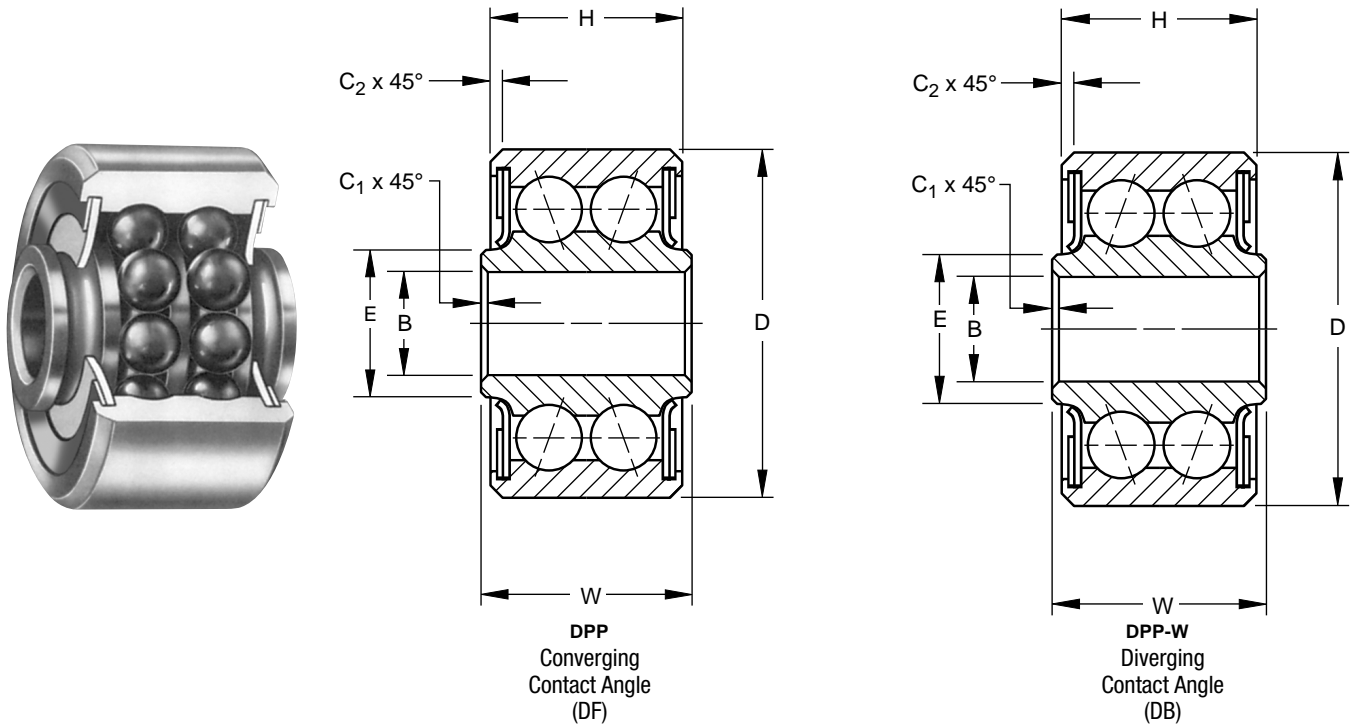


MS27644 • SAE-AS7949 (DPP Series only)

- Double row, ball, light and heavy duty
- PTFE seals and CRES sealcaps
- Exposed surfaces except bore, caps and seals are cadmium plated
- Prelubricated for life
- For use where high moment rigidity is required, DPP-W series only
- 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 DPP3 FS464)

Bearing Number	MS 27644 Dash No.	Bore B		Outside Diameter D		Widths				E		C ₁		C ₂		Wt.		Radial Limit Load Rating	Thrust Limit Load Rating		
		+0.0000, -0.0005 +0.000, -0.013		+0.0000, -0.0005 +0.000, -0.013		+0.0000, -0.005 +0.000, -0.13		+0.000, -0.005 +0.00, -0.13		Approx.		+0.015, -0.000 +0.38, -0.00		+0.015, -0.000 +0.38, -0.00		Approx.					
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg			lbf.	N
DPP3	-3	0.1900	4.826	0.7774	19.746	0.495	12.57	0.473	12.01	0.302	7.67	0.005	0.13	0.018	0.46	0.04	0.018	2950	13200	1700	7500
DPP4	-4	0.2500	6.350	0.9014	22.896	0.620	15.75	0.491	12.47	0.410	10.41	0.005	0.13	0.032	0.81	0.06	0.027	5370	24000	1800	8000
DPP5	-5	0.3125	7.938	1.2500	31.750	0.745	18.92	0.687	17.45	0.524	13.31	0.015	0.38	0.032	0.81	0.17	0.077	11000	49000	4000	17800
DPP6	-6	0.3750	9.525	1.4375	36.512	0.870	22.10	0.794	20.17	0.610	15.49	0.015	0.38	0.032	0.81	0.26	0.118	15760	70000	5300	23600
DPP8	-8	0.5000	12.700	1.6875	42.862	0.932	23.67	0.856	21.74	0.735	18.67	0.015	0.38	0.044	1.12	0.38	0.172	23600	105000	7800	34700
*DPP10	-10	0.6250	15.875	1.9375	49.212	0.995	25.27	0.920	23.37	0.890	22.61	0.015	0.38	0.044	1.12	0.53	0.240	28400	126000	9400	41800
*DPP3W	-	0.1900	4.826	0.7774	19.746	0.495	12.57	0.473	12.01	0.297	7.54	0.005	0.13	0.018	0.46	0.04	0.018	2950	13200	1450	6400
DPP4W	-	0.2500	6.350	0.9014	22.896	0.620	15.75	0.491	12.47	0.405	10.29	0.005	0.13	0.032	0.81	0.06	0.027	5370	24000	1800	8000
DPP5W	-	0.3125	7.938	1.2500	31.750	0.745	18.92	0.687	17.45	0.548	13.92	0.015	0.38	0.032	0.81	0.17	0.077	11000	49000	4000	17800
DPP6W	-	0.3750	9.525	1.4375	36.512	0.870	22.10	0.794	20.17	0.610	15.49	0.015	0.38	0.032	0.81	0.26	0.118	15760	70000	5300	23600
DPP8W	-	0.5000	12.700	1.6875	42.862	0.932	23.67	0.856	21.74	0.730	18.54	0.015	0.38	0.044	1.12	0.38	0.172	23600	105000	7800	34700
*DPP10W	-	0.6250	15.875	1.9375	49.212	0.995	25.27	0.920	23.37	0.945	24.00	0.015	0.38	0.044	1.12	0.53	0.240	28400	126000	9400	41800

* Check for availability.