

# Non-Metallic Sleeve Bearings

## METRIC SIZE SERIES

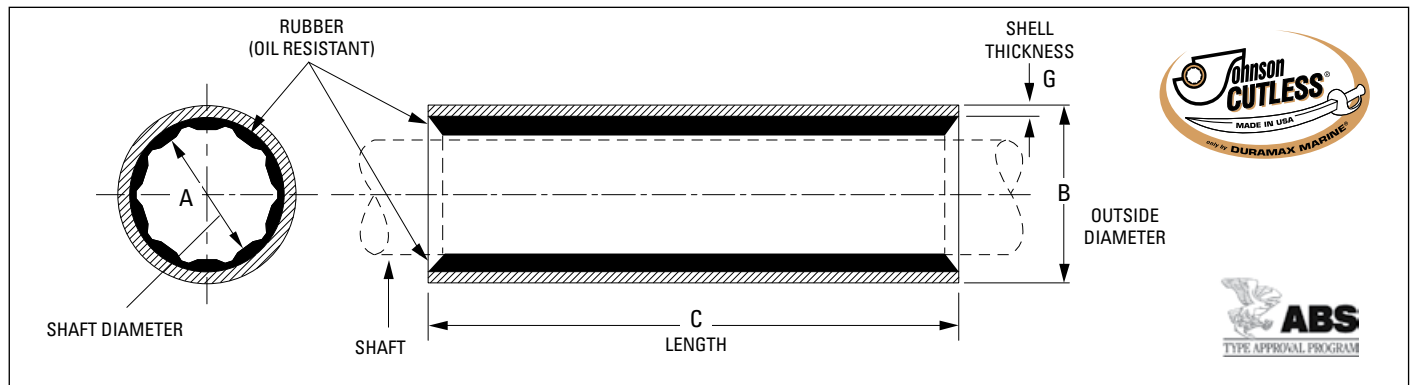


Johnson Cutless® Non-Metallic Sleeve Bearings feature a dense structure of engineered reinforced thermoset plastic. The specially compounded Nitrile Rubber is securely bonded to the shell with all tolerances maintained for proper lubrication. Being non-corrosive and inherently resistant to all known chemicals, oil and grease, as well as being anti-electrolytic, the Johnson Cutless® Non-Metallic Sleeve Bearings are ideally suited for installations wherever corrosion or electrolysis is a problem.

### PRECAUTION:

When shrink fitting of the bearing is required, chilling must be achieved by gradual cooling to not more than minus 20°F (-28°C) using freezer or regular ice (**DO NOT DRY ICE**). NOTE: Pounding or shocking the bearing while in the chilled state could cause the rubber to separate from the shell.

**Approved Bearings:** Johnson Cutless Non-Metallic Sleeve Bearings have full type approval from The American Bureau of Shipping.



Part Number	A Shaft Diameter mm	B Outside Diameter mm	C Length mm	G Shell Thickness mm	Gross Wt.	
					lb.	kg.
870255700	25	40	100	2.54	0.3	0.1
870285700	28	42	112	2.35	0.4	0.2
870305700	30	45	120	3.07	0.4	0.2
870325700	32	45	128	3.07	0.5	0.2
870355700	35	50	140	3.07	0.5	0.2
870385700	38	55	152	3.07	0.6	0.3
870405700	40	55	160	3.07	0.6	0.3
870455700	45	65	180	3.30	0.9	0.4
870505700	50	70	200	3.25	1.1	0.5
870555700	55	75	220	2.58	1.3	0.6
870605700	60	80	240	3.25	1.6	0.7
870655700	65	85	260	2.81	1.8	0.8
870705700	70	90	280	4.75	2.0	0.9
870755700	75	95	300	3.05	2.5	1.1
870805700	80	100	320	3.16	2.6	1.2
870855700	85	105	340	3.17	3.0	1.4
870905700	90	110	360	4.76	3.4	1.5
870955700	95	115	380	4.50	4.0	1.8
871005700	100	125	400	3.76	4.6	2.1
871055700	105	130	420	4.51	5.2	2.4
871105700	110	135	440	4.51	6.0	2.7
871155700	115	145	460	4.24	7.6	3.4
871205700	120	155	480	6.06	8.6	3.9
871305700	130	170	520	5.63	13.0	5.9

# Non-Metallic Sleeve Bearings

## INCH SIZE SERIES

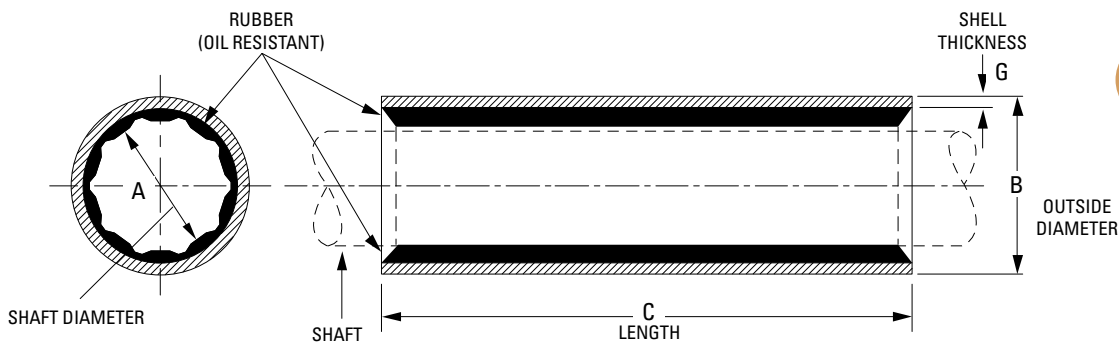


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Part Number	Code	A		B		C		G		Gross Wt.	
		Shaft Diameter inches	mm	Outside Diameter inches	mm	Length inches	mm	Shell Thickness inches	mm	lb.	kg.
870193700	ALDA	3/4	19.05	1 1/4	31.75	3	76.20	1/8	3.18	0.2	0.1
870223700	ALICE	7/8	22.23	1 1/4	31.75	3 1/2	88.90	3/64	1.19	0.2	0.1
870223701	ANNE	7/8	22.23	1 3/8	34.93	3 1/2	88.90	1/8	3.18	0.2	0.1
870223702	ARDELE	7/8	22.23	1 1/2	38.10	3 1/2	88.90	1/8	3.18	0.3	0.1
870253700	BABE	1	25.40	1 1/4	31.75	4	101.60	1/16	1.59	0.2	0.1
870253701	BECKY	1	25.40	1 3/8	34.93	4	101.60	3/64	1.19	0.2	0.1
870253702	BETTY	1	25.40	1 1/2	38.10	4	101.60	1/8	3.18	0.3	0.1
870253703	CANDY	1	25.40	1 5/8	41.28	4	101.60	1/8	3.18	0.3	0.1
870253704	CARLA	1	25.40	2	50.80	4	101.60	1/8	3.18	0.5	0.2
870293700	CEIL	1 1/8	28.58	1 1/2	38.10	4 1/2	114.30	3/64	1.19	0.3	0.1
870293701	CINDY	1 1/8	28.58	1 5/8	41.28	4 1/2	114.30	1/8	3.18	0.3	0.1
870293702	CONNIE	1 1/8	28.58	1 3/4	44.45	4 1/2	114.30	1/8	3.18	0.4	0.2
870293703	CORA	1 1/8	28.58	2	50.80	4 1/2	114.30	1/8	3.18	0.5	0.2
870323700	DEENA	1 1/4	31.75	1 1/2	38.10	5	127.00	3/64	1.19	0.2	0.1
870323701	DELLA	1 1/4	31.75	1 3/4	44.45	5	127.00	1/8	3.18	0.4	0.2
870323702	DORIS	1 1/4	31.75	2	50.80	5	127.00	1/8	3.18	0.6	0.3
870323703	DOTTY	1 1/4	31.75	2 1/8	53.98	5	127.00	1/8	3.18	0.6	0.3
870353700	EDNA	1 3/8	34.93	1 7/8	47.63	5 1/2	139.70	1/8	3.18	0.4	0.2
870353701	ELLEN	1 3/8	34.93	2	50.80	5 1/2	139.70	1/8	3.18	0.5	0.2
870353702	ELSA	1 3/8	34.93	2 1/8	53.98	5 1/2	139.70	1/8	3.18	0.6	0.3
870353703	ERMA	1 3/8	34.93	2 3/8	60.33	5 1/2	139.70	1/8	3.18	0.9	0.4
870383700	EVA	1 1/2	38.10	2	50.80	6	152.40	1/8	3.18	0.5	0.2
870383701	FANNY	1 1/2	38.10	2 3/8	60.33	6	152.40	1/8	3.18	0.9	0.4
870413700	FLO	1 5/8	41.28	2 1/8	53.98	6 1/2	165.10	1/8	3.18	0.6	0.3
870413701	FRAN	1 5/8	41.28	2 5/8	66.68	6 1/2	165.10	1/8	3.18	1.1	0.5

All Bearings Shown Are Carried in Stock

Part Number	Code	A Shaft Diameter		B Outside Diameter		C Length		G Shell Thickness		Gross Wt.	
		inches	mm	inches	mm	inches	mm	inches	mm	lb.	kg.
870453700	GLEND	1 3/4	44.45	2 3/8	60.33	7	177.80	1/8	3.18	0.7	0.3
870453702	GLENNIS	1 3/4	44.45	2 1/2	63.50	7	177.80	3/32	2.38	0.8	0.4
870453701	GLORIA	1 3/4	44.45	2 5/8	66.68	7	177.80	1/8	3.18	0.9	0.4
870483700	GWEN	1 7/8	47.63	2 5/8	66.68	7 1/2	190.50	1/8	3.18	0.8	0.4
870483701	HANNA	1 7/8	47.63	2 15/16	74.61	7 1/2	190.50	1/8	3.18	1.5	0.7
870513700	HAZEL	2	50.80	2 5/8	66.68	8	203.20	1/8	3.18	0.8	0.4
870513701	HELEN	2	50.80	3	76.20	8	203.20	1/8	3.18	1.5	0.7
870543700	HILDA	2 1/8	53.98	2 15/16	74.61	8 1/2	215.90	1/8	3.18	1.3	0.6
870543701	ILA	2 1/8	53.98	3 1/8	79.38	8 1/2	215.90	1/8	3.18	1.6	0.7
870573700	INEZ	2 1/4	57.15	2 15/16	74.61	9	228.60	1/8	3.18	1.2	0.5
870573701	INGRID	2 1/4	57.15	3 1/8	79.38	9	228.60	1/8	3.18	1.4	0.6
870573702	IRENE	2 1/4	57.15	3 3/8	85.73	9	228.60	1/8	3.18	1.6	0.7
870573735	IRIS	2 1/4	57.15	3	76.20	9	228.60	1/8	3.18	3.9	1.8
870603700	JENNY	2 3/8	60.33	3 3/8	85.73	9 1/2	241.30	1/8	3.18	1.7	0.8
870643700	JOAN	2 1/2	63.50	3 1/8	79.38	10	254.00	1/8	3.18	1.4	0.6
870643701	JOSIE	2 1/2	63.50	3 3/8	85.73	10	254.00	1/8	3.18	2.0	0.9
870673700	JOYCE	2 5/8	66.68	3 3/8	85.73	10 1/2	266.70	1/8	3.18	1.8	0.8
870703700	JUNE	2 3/4	69.85	3 3/8	85.73	11	279.40	1/8	3.18	1.6	0.7
870703701	KATHY	2 3/4	69.85	3 3/4	95.25	11	279.40	1/8	3.18	2.6	1.2
870733700	KELLY	2 7/8	73.03	3 3/4	95.25	11 1/2	292.10	1/8	3.18	2.5	1.1
870763700	KIM	3	76.20	3 3/4	95.25	12	304.80	1/8	3.18	2.4	1.1
870763701	LAURA	3	76.20	4	101.60	12	304.80	1/8	3.18	3.1	1.4
870803700	LENA	3 1/8	79.38	4 1/4	107.95	12 1/2	317.50	1/8	3.18	3.8	1.7
870833700	LINDA	3 1/4	82.55	4	101.60	13	330.20	1/8	3.18	2.7	1.2
870833701	LISA	3 1/4	82.55	4 1/4	107.95	13	330.20	1/8	3.18	3.5	1.6
870863700	LOIS	3 3/8	85.73	4 1/2	114.30	13 1/2	342.90	1/8	3.18	4.3	2.0
870893700	MANDY	3 1/2	88.90	4 1/4	107.95	14	355.60	1/8	3.18	3.1	1.4
870893701	MARIE	3 1/2	88.90	4 1/2	114.30	14	355.60	1/8	3.18	4.1	1.9
870923700	MARTHA	3 5/8	92.08	4 1/2	114.30	14 1/2	368.30	1/8	3.18	3.7	1.7
870953700	MARY	3 3/4	95.25	4 1/2	114.30	15	381.00	1/8	3.18	3.5	1.6
870953701	NANCY	3 3/4	95.25	5	127.00	15	381.00	3/16	4.76	5.9	2.7
870953702	NEVA	3 3/4	95.25	5 1/4	133.35	15	381.00	3/16	4.76	7.4	3.4
870993700	NORA	3 7/8	98.43	5 1/4	133.35	15 1/2	393.70	3/16	4.76	6.4	2.9
871023700	OLGA	4	101.60	5	127.00	16	406.40	3/16	4.76	5.3	2.4
871023701	OLIVE	4	101.60	5 1/4	133.35	16	406.40	3/16	4.76	6.4	2.9
871053700	OPAL	4 1/8	104.78	5 1/4	133.35	16 1/2	419.10	3/16	4.76	6.3	2.9
871083700	PAM	4 1/4	107.95	5 1/2	139.70	17	431.80	3/16	4.76	8.3	3.8
871113700	PANSY	4 3/8	111.13	5 3/4	146.05	17 1/2	444.50	3/16	4.76	8.8	4.0
871153700	PAULA	4 1/2	114.30	5 1/2	139.70	18	457.20	3/16	4.76	7.3	3.3
871153701	PENNY	4 1/2	114.30	5 3/4	146.05	18	457.20	3/16	4.76	8.8	4.0
871183700	RHODA	4 5/8	117.48	6 1/8	155.58	18 1/2	469.90	1/4	6.35	11.3	5.1
871213700	RINA	4 3/4	120.65	6 1/8	155.58	19	482.60	1/4	6.35	11.0	5.0
871243700	ROSE	4 7/8	123.83	6 1/8	155.58	19 1/2	495.30	1/4	6.35	10.3	4.7
871273700	RUTH	5	127.00	6 1/8	155.58	20	508.00	1/4	6.35	9.5	4.3
871273701	SALLY	5	127.00	6 1/2	165.10	20	508.00	1/4	6.35	13.0	5.9
871343700	SANDRA	5 1/4	133.35	6 3/4	171.45	21	533.40	1/4	6.35	14.0	6.4
871343701	SARAN	5 1/4	133.35	7	177.80	21	533.40	1/4	6.35	16.0	7.3
871373700	SUSAN	5 3/8	136.53	6 3/4	171.45	21 1/2	546.10	1/4	6.35	12.8	5.8
871373701	TONI	5 3/8	136.53	7	177.80	21 1/2	546.10	1/4	6.35	15.8	7.2
871403700	TRICIA	5 1/2	139.70	7	177.80	22	558.80	1/4	6.35	14.8	6.7
871433700	VERA	5 5/8	142.88	7	177.80	22 1/2	571.50	1/4	6.35	14.0	6.4
871463700	WANDA	5 3/4	146.05	7	177.80	23	584.20	1/4	6.35	14.8	6.7
871503700	WINNIE	5 7/8	149.23	7 1/2	190.50	24	609.60	1/4	6.35	18.0	8.2
871533700	ZELDA	6	152.40	7 1/2	190.50	24	609.60	1/4	6.35	18.8	8.5

NON-METALLIC SLEEVE - INCH

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