



END COVERS

Polypropylene end covers are available to fit all ANB units.

End covers can be used at temperatures ranging from -20°C to -90°C .

They must be used as additional protection for the bearing in adverse environmental conditions as well as an aid to meeting safety requirements.

They are available in close or open version (with stainless steel spring)

Designed to meet the needs of the wastewater treatment plants, gyp-sum manufacturers and the wood, paper and pulp industries this superior bearing protection system keeps contaminants out while it keeps lubricants in.

GENERAL PROPERTIES

MODE OF LOAD	UNIT	TEST METHOD	VALUE
M.F.R. (230;2.16)	g/10 min	ASTM D-1238	12
Flexural Modulus of Elasticity	MPa	ASTM D-790M	1125
Tensile Strength at Yield	MPa	ASTM D-638M	29
Elongation at Yield	%	ASTM D-638M	12
Izod Impact, notched, at 23 C	J/m	ASTM D-256	120
Izod Impact, notched, at 23 C	J/m	ASTM D-256	55
Rockwell Hardness, R scale	-	ASTM D-785	88
Vicat Softening Temperature, 10	°C	ASTM D-1525	150
H.D.T., 0.46 MPa	°C	ASTM D-648	88



Capilene® SR 50

Polypropylene Impact Copolymer

DESCRIPTION

Capilene SR 50 is a medium flow impact copolymer grade, featuring:

- * Good balance between flow and mechanical properties.
- * Good processability.
- * Good impact resistance.

QUALITY STANDARDS

- * Capilene® SR 50 is manufactured under ISO 9002 Quality Management System.

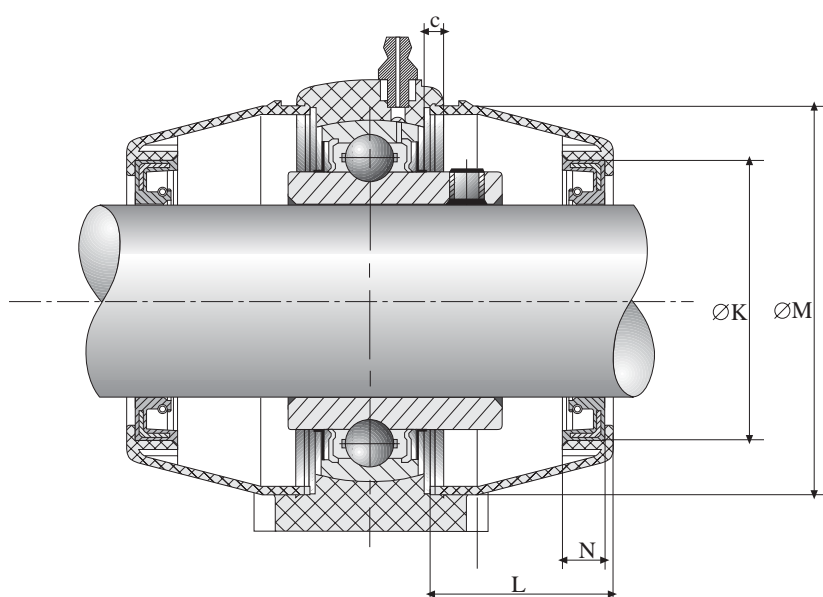
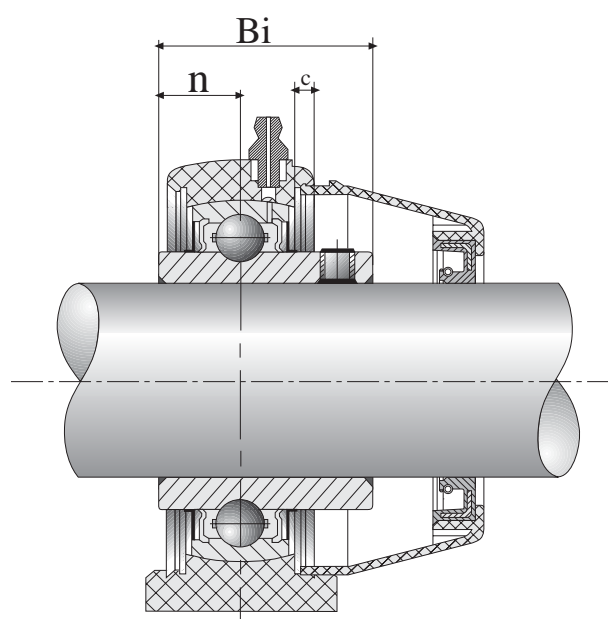
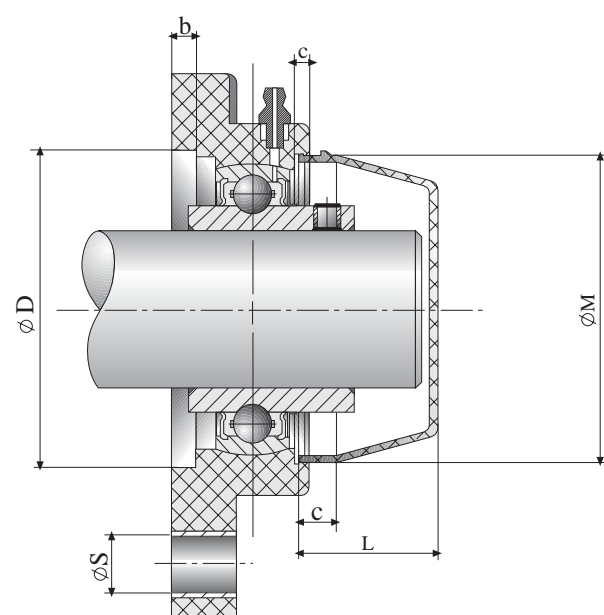
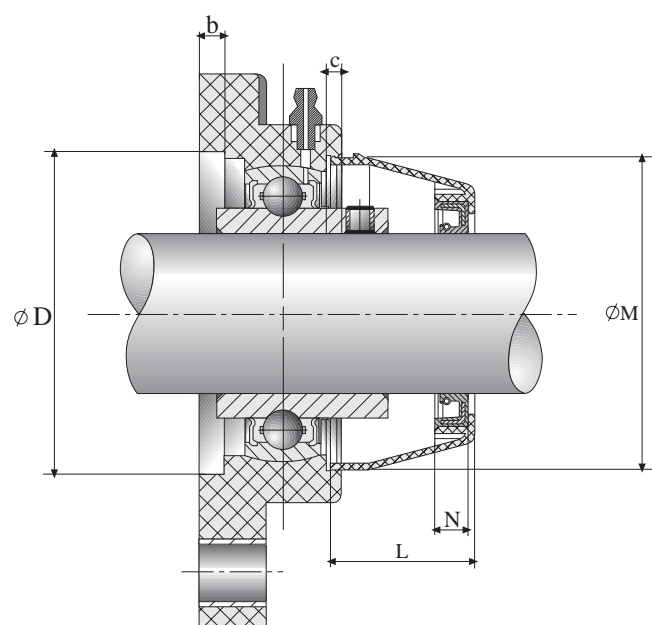
FOOD CONTACT STATUS

F.D.A Status

- * Complies with the requirements for contact with foodstuff, as published by the Food and Drugs Administration of the United States, in Section 177.1520.

European Union Status

- * Suitable for food contact applications.



SHAFT DIAMETER		DIMENSIONS (mm)						
mm	inch	K	N	L	M	D	b	c
12	1/2	28	7	22	45	46	6	2.5
15	9/16, 5/8	28	7	22	45	46	6	2.5
17	11/16	28	7	22	45	46	6	2.5
20	3/4	32	7	23	50	52	6	3
25	13/16, 7/8, 15/16, 1	37	7	25	55	62	6	4
30	1 1/16, 1 1/8, 1 3/16, 1 1/4	42	7	30	64	72	6	4
35	1 1/4, 1 5/16, 1 3/8, 1 7/16	47	7	32	74.5	82	6	4.5
40	1 1/2, 1 9/16	52	7	37	84	88	6	3.5
45	1 5/8, 1 11/16, 1 3/4	57	7	41	89	93	6	4.5
50	1 13/16, 1 7/8, 1 15/16, 2	62	7	47	94	98	6	5

PHYSICAL PROPERTIES

PROPERTIES	UNIT	TEST METHOD	VALUE
Density	G/cm ³	DIN 53479	1.53
Water absorption (23 ⁰)	%	DIN 53495	0.5
Mould Shrinkage	%	-	0.4
Moisture absorption (23 ⁰)	%	DIN 53714	0.2

MECHANICAL PROPERTIES

PROPERTIES	UNIT	TEST METHOD	VALUE
Tensile yield strength	MPa	ASTM-D638	12
Elongation at break	%	ASTM-D638	1125
Flexural strength	MPa	ASTM-D790	29
Flexural modulus	MPa	ASTM-D790	29
Notched izod impact	J/m	ASTM-D256	12

THERMAL PROPERTIES

PROPERTIES	UNIT	TEST METHOD	VALUE
HDT at load 1.8 Mpa	⁰ C	DIN 53461	210
HDT at load 0.45 MPa	⁰ C	DIN 53461	220
Melting Point	⁰ C	-	225
UL Flammability ("thickness)	-	UL 94	HB
Max. Temp in glow wire test 2 mm thickness 4 mm thickness	⁰ C	IEC 695/2/1	750 960

ELECTRICAL PROPERTIES

PROPERTIES	UNIT	TEST METHOD	VALUE
Dielectric constant at 1 MHz	-	IEC 250	3.8
Dielectric strength	Kv/mm	VDE 0303/2	34
Volume resistivity	Ohm x cm	VDE 0303/2	>10 ¹⁵
Surface resistivity	ohm	VDE 0303/3	>10 ¹⁵