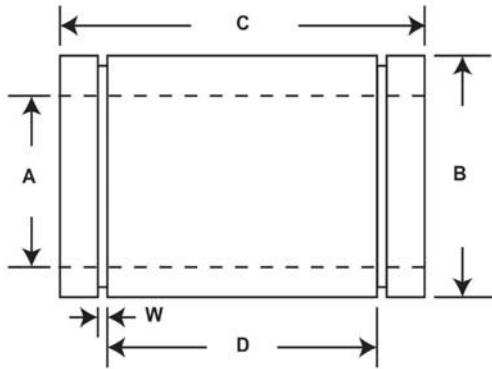


FDA Closed bearing



Max PSI	Max PV	Max Velocity (Meters per Minute) Lubricated	Max Velocity (Meters per Minute) Unlubricated	Max Operating Temp °F/°C	Minimum Operating Temp °F/°C	Static Coefficient of Friction	Dynamic Coefficient of Friction	Minimum Shaft Hardness
1000	10,000	122	31	+385/196	-400/204	.3	.09 - .15	Rb25

Bearing Shell Material	300 Stainless Steel
Self-Lube Liner	PTFE

ORDERING P/N EXAMPLE

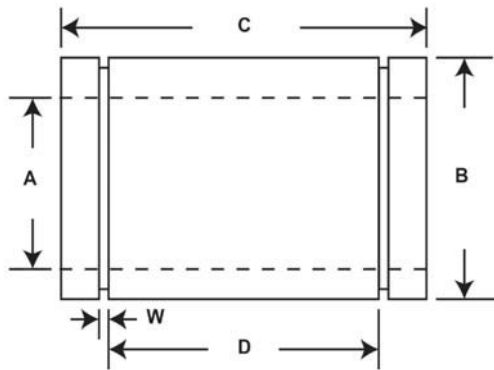
L	6	FDA
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Rapid Oscillation	
Self-Lubricating	
Contamination	
FDA/USDA 3A Dairy/USPVI Compliant	
Chemicals and Caustic Vapors	
Caustic Wash Down	
Shock & Vibration	

Part Number	Working Bore mm	Max Shaft Dia. h6 or h7 Tolerance	ID Bore Tolerance -.000	O.D. Diameter	Bearing Length h14 Tolerance	Retaining Ring	Retaining Groove Width	Housing Bore Diameter h7	MAX STATIC LOAD
	A			B		D	W		N
L12-FDA	12	12	0,038-0,065	22	32	D=20 W=1,3	1.32	22	3720
L16-FDA	16	16	0,038-0,065	26	36	D=22 W=1,6	1.32	26	5740
L20-FDA	20	20	0,047-0,089	32	45	D=28 W=1,6	1.63	32	8879
L25-FDA	25	25	0,047-0,089	40	58	D=40 W=1,85	1.90	40	14732
L30-FDA	30	30	0,047-0,089	47	68	D=48 W=1,85	1.90	47	20893
L40-FDA	40	40	0,049-0,089	62	80	D=56 W=2,15	2.20	62	31207
L50-FDA	30	50	0,049-0,089	75	100	D=72 W=2,65	2.70	75	49890

NOTE 1. Metric linear bearings can be slip fit into a housing and retained with stainless snap rings or with a light press-fit. Pressfit should not exceed .0127mm.

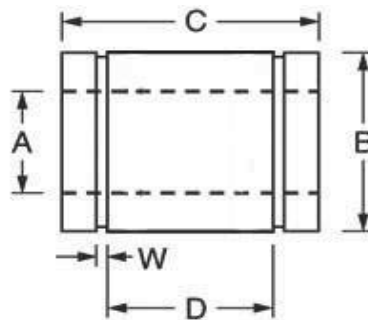
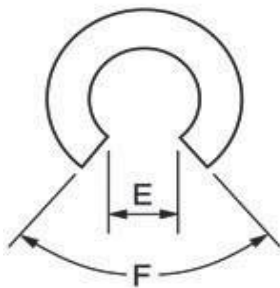
FDA Open bearing



Max PSI	Max PV	Max Velocity (Meters per Minute) Lubricated	Max Velocity (Meters per Minute) Unlubricated	Max Operating Temp °F/°C	Minimum Operating Temp °F/°C	Static Coefficient of Friction	Dynamic Coefficient of Friction	Minimum Shaft Hardness
1000	10,000	121	31	+385/196	-400/204	.3	.09 - .15	Rb25

Bearing Shell Material	300 Stainless Steel
Self-Lube Liner	PTFE

Rapid Oscillation	✓
Self-Lubricating	✓
Contamination	✓
FDA/USDA 3A Dairy/USPVI Compliant	✓
Chemicals and Caustic Vapors	✓
Caustic Wash Down	✓
Shock & Vibration	✓



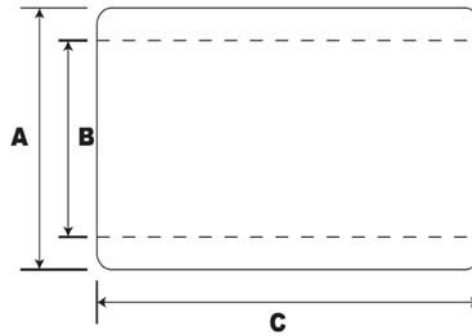
ORDERING P/N EXAMPLE

LX	6	FDA
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Part Number	Working Bore mm	Max Shaft Dia. h6 or h7 Tolerance	ID Bore Tolerance -.000	O.D. Diameter	Bearing Length h14 Tolerance	Retaining Ring	Slot Width	Slot Angle	Housing Bore Diameter h7	MAX STATIC LOAD
	A			B	C	D	E	F		N
LX12-FDA	12	12	0,038-0,065	22	32	D=20 W=1,3	7.6	60	22	3720
LX16-FDA	16	16	0,038-0,065	26	36	D=22 W=1,6	10.4	78	26	5740
LX20-FDA	20	20	0,047-0,089	32	45	D=28 W=1,6	10.8	78	32	8879
LX25-FDA	25	25	0,047-0,089	40	58	D=40 W=1,85	13.2	60	40	14732
LX30-FDA	30	30	0,047-0,089	47	68	D=48 W=1,85	14.2	72	47	20893
LX40-FDA	40	40	0,049-0,089	62	80	D=56 W=2,15	19.5	72	62	31207
LX50-FDA	30	50	0,049-0,089	75	100	D=72 W=2,65	24.0	72	75	49890

NOTE 1. Metric linear bearings can be slip-fit into a housing and retained with stainless snap rings or with a light press-fit. Pressfit should not exceed .0127mm.

FDA Compact bearing



Max PSI	Max PV	Max Velocity (Meters per Minute) Lubricated	Max Velocity (Meters per Minute) Unlubricated	Max Operating Temp °F/°C	Minimum Operating Temp °F/°C	Static Coefficient of Friction	Dynamic Coefficient of Friction	Minimum Shaft Hardness
1000	10,000	122	31	+385/196	-400/204	.3	.09 - .15	Rb25

Bearing Shell Material	300 Stainless Steel
Self-Lube Liner	PTFE

ORDERING P/N EXAMPLE

L	6	TWM	SL	SS
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Rapid Oscillation	✓
Self-Lubricating	✓
Contamination	✓
FDA/USDA 3A Dairy/USPVVI Compliant	✓
Chemicals and Caustic Vapors	✓
Caustic Wash Down	✓
Shock & Vibration	✓

Part Number	Working Bore mm A	Bore Tolerance	Outside Diameter mm B	Length Tolerance h14 C	Max Shaft Diameter mm	Housing Bore Diameter mm	MAX STATIC LOAD N
L12TWMFDA	12	"	19	28	12	19	3160
L14TWMFDA	14	"	21	28	14	21	3986
L16TWMFDA	16	"	24	30	16	24	4715
L20TWMFDA	20	0,047-0,074	28	30	20	28	6990
L25TWMFDA	25		35	40	25	35	11250
L30TWMFDA	30		40	50	30	40	16340
L40TWMFDA	40	0,049-0,089	52	60	40	52	29410
L50TWMFDA	50		62	70	50	52	46126

NOTE 1. Metric linear bearings can be slip fit into a housing and retained with stainless snap rings or with a light pressfit. Press-fit should not exceed .0127mm.

NOTE 2. TWM-FDA Bearings are only supplied in closed version.