

THE POLYLUBE BEARING PART NUMBER SYSTEM

Bearing Number	PolyLube Identification	Inside Diameter	Selected Liner	Outside Diameter	Length
PFM040048-40	PFM	040	F	048	40

EXAMPLE
PFM040048-40
 (Fiber Series Lined Bearing)
 40mm ID x 48mm OD x 40mm Long)

POLYLUBE DESIGN GUIDE
STANDARD SIZES



STANDARD SIZES FOR POLYLUBE™ METRIC BEARINGS

Housing bore and shaft diameter tolerances: H7/H8 and h7/h8 respectively. *Smaller tolerance in length available on request. All measurements in millimeters.

BEARING PART NUMBER	NOMINAL ID	ID		OD		RECOMMENDED HOUSING BORE		PRESS FIT		RECOMMENDED SHAFT SIZE		RUNNING CLEARANCE		LENGTH TOLERANCE*
PFM015020-010	15 (0.591)	15.120 (0.595)	15.200 (0.598)	20.050 (0.789)	20.100 (0.791)	20.000 (0.787)	20.025 (0.788)	0.025 (0.001)	0.100 (0.004)	14.975 (0.590)	15.000 (0.591)	0.020 (0.001)	0.200 (0.008)	10.000 ± 0.250 (0.394) ± (0.010)
PFM015020-015	15 (0.591)	15.120 (0.595)	15.200 (0.598)	20.050 (0.789)	20.100 (0.791)	20.000 (0.787)	20.025 (0.788)	0.025 (0.001)	0.100 (0.004)	14.975 (0.590)	15.000 (0.591)	0.020 (0.001)	0.200 (0.008)	15.000 ± 0.250 (0.591) ± (0.010)
PFM015020-020	15 (0.591)	15.120 (0.595)	15.200 (0.598)	20.050 (0.789)	20.100 (0.791)	20.000 (0.787)	20.025 (0.788)	0.025 (0.001)	0.100 (0.004)	14.975 (0.590)	15.000 (0.591)	0.020 (0.001)	0.200 (0.008)	20.000 ± 0.250 (0.787) ± (0.010)
PFM015020-025	15 (0.591)	15.120 (0.595)	15.200 (0.598)	20.050 (0.789)	20.100 (0.791)	20.000 (0.787)	20.025 (0.788)	0.025 (0.001)	0.100 (0.004)	14.975 (0.590)	15.000 (0.591)	0.020 (0.001)	0.200 (0.008)	25.000 ± 0.250 (0.984) ± (0.010)
PFM015020-030	15 (0.591)	15.120 (0.595)	15.200 (0.598)	20.050 (0.789)	20.100 (0.791)	20.000 (0.787)	20.025 (0.788)	0.025 (0.001)	0.100 (0.004)	14.975 (0.590)	15.000 (0.591)	0.020 (0.001)	0.200 (0.008)	30.000 ± 0.250 (1.181) ± (0.010)
PFM020024-015	20 (0.787)	20.120 (0.792)	20.200 (0.795)	24.050 (0.947)	24.100 (0.949)	24.000 (0.945)	24.025 (0.946)	0.025 (0.001)	0.100 (0.004)	19.975 (0.786)	20.000 (0.787)	0.020 (0.001)	0.200 (0.008)	14.975 ± 0.250 (0.590) ± (0.010)
PFM020024-020	20 (0.787)	20.120 (0.792)	20.200 (0.795)	24.050 (0.947)	24.100 (0.949)	24.000 (0.945)	24.025 (0.946)	0.025 (0.001)	0.100 (0.004)	19.975 (0.786)	20.000 (0.787)	0.020 (0.001)	0.200 (0.008)	19.975 ± 0.250 (0.786) ± (0.010)
PFM020024-025	20 (0.787)	20.120 (0.792)	20.200 (0.795)	24.050 (0.947)	24.100 (0.949)	24.000 (0.945)	24.025 (0.946)	0.025 (0.001)	0.100 (0.004)	19.975 (0.786)	20.000 (0.787)	0.020 (0.001)	0.200 (0.008)	24.975 ± 0.250 (0.983) ± (0.010)
PFM020024-030	20 (0.787)	20.120 (0.792)	20.200 (0.795)	24.050 (0.947)	24.100 (0.949)	24.000 (0.945)	24.025 (0.946)	0.025 (0.001)	0.100 (0.004)	19.975 (0.786)	20.000 (0.787)	0.020 (0.001)	0.200 (0.008)	29.975 ± 0.250 (1.180) ± (0.010)
PFM020024-035	20 (0.787)	20.120 (0.792)	20.200 (0.795)	24.050 (0.947)	24.100 (0.949)	24.000 (0.945)	24.025 (0.946)	0.025 (0.001)	0.100 (0.004)	19.975 (0.786)	20.000 (0.787)	0.020 (0.001)	0.200 (0.008)	34.975 ± 0.250 (1.377) ± (0.010)
PFM025030-015	25 (0.984)	25.120 (0.989)	25.200 (0.992)	30.050 (1.183)	30.100 (1.185)	30.000 (1.181)	30.025 (1.182)	0.025 (0.001)	0.100 (0.004)	24.975 (0.983)	25.000 (0.984)	0.020 (0.001)	0.200 (0.008)	15.000 ± 0.250 (0.591) ± (0.010)
PFM025030-025	25 (0.984)	25.120 (0.989)	25.200 (0.992)	30.050 (1.183)	30.100 (1.185)	30.000 (1.181)	30.025 (1.182)	0.025 (0.001)	0.100 (0.004)	24.975 (0.983)	25.000 (0.984)	0.020 (0.001)	0.200 (0.008)	25.000 ± 0.250 (0.984) ± (0.010)
PFM025030-035	25 (0.984)	25.120 (0.989)	25.200 (0.992)	30.050 (1.183)	30.100 (1.185)	30.000 (1.181)	30.025 (1.182)	0.025 (0.001)	0.100 (0.004)	24.975 (0.983)	25.000 (0.984)	0.020 (0.001)	0.200 (0.008)	35.000 ± 0.250 (1.378) ± (0.010)
PFM025030-040	25 (0.984)	25.120 (0.989)	25.200 (0.992)	30.050 (1.183)	30.100 (1.185)	30.000 (1.181)	30.025 (1.182)	0.025 (0.001)	0.100 (0.004)	24.975 (0.983)	25.000 (0.984)	0.020 (0.001)	0.200 (0.008)	40.000 ± 0.250 (1.575) ± (0.010)
PFM025030-050	25 (0.984)	25.120 (0.989)	25.200 (0.992)	30.050 (1.183)	30.100 (1.185)	30.000 (1.181)	30.025 (1.182)	0.025 (0.001)	0.100 (0.004)	24.975 (0.983)	25.000 (0.984)	0.020 (0.001)	0.200 (0.008)	50.000 ± 0.250 (1.969) ± (0.010)
PFM030036-020	30 (1.181)	30.120 (1.186)	30.200 (1.189)	36.050 (1.419)	36.100 (1.421)	36.000 (1.417)	36.025 (1.418)	0.025 (0.001)	0.100 (0.004)	29.975 (1.180)	30.000 (1.181)	0.020 (0.001)	0.200 (0.008)	20.000 ± 0.250 (0.787) ± (0.010)
PFM030036-030	30 (1.181)	30.120 (1.186)	30.200 (1.189)	36.050 (1.419)	36.100 (1.421)	36.000 (1.417)	36.025 (1.418)	0.025 (0.001)	0.100 (0.004)	29.975 (1.180)	30.000 (1.181)	0.020 (0.001)	0.200 (0.008)	30.000 ± 0.250 (1.181) ± (0.010)
PFM030036-040	30 (1.181)	30.120 (1.186)	30.200 (1.189)	36.050 (1.419)	36.100 (1.421)	36.000 (1.417)	36.025 (1.418)	0.025 (0.001)	0.100 (0.004)	29.975 (1.180)	30.000 (1.181)	0.020 (0.001)	0.200 (0.008)	40.000 ± 0.250 (1.575) ± (0.010)
PFM030036-050	30 (1.181)	30.120 (1.186)	30.200 (1.189)	36.050 (1.419)	36.100 (1.421)	36.000 (1.417)	36.025 (1.418)	0.025 (0.001)	0.100 (0.004)	29.975 (1.180)	30.000 (1.181)	0.020 (0.001)	0.200 (0.008)	50.000 ± 0.250 (1.969) ± (0.010)
PFM030036-060	30 (1.181)	30.120 (1.186)	30.200 (1.189)	36.050 (1.419)	36.100 (1.421)	36.000 (1.417)	36.025 (1.418)	0.025 (0.001)	0.100 (0.004)	29.975 (1.180)	30.000 (1.181)	0.020 (0.001)	0.200 (0.008)	60.000 ± 0.250 (2.362) ± (0.010)
PFM035041-025	35 (1.378)	35.120 (1.383)	35.200 (1.386)	41.050 (1.616)	41.100 (1.618)	41.000 (1.614)	41.025 (1.615)	0.025 (0.001)	0.100 (0.004)	34.975 (1.377)	35.000 (1.378)	0.020 (0.001)	0.200 (0.008)	25.000 ± 0.250 (0.984) ± (0.010)
PFM035041-035	35 (1.378)	35.120 (1.383)	35.200 (1.386)	41.050 (1.616)	41.100 (1.618)	41.000 (1.614)	41.025 (1.615)	0.025 (0.001)	0.100 (0.004)	34.975 (1.377)	35.000 (1.378)	0.020 (0.001)	0.200 (0.008)	35.000 ± 0.250 (1.378) ± (0.010)
PFM035041-050	35 (1.378)	35.120 (1.383)	35.200 (1.386)	41.050 (1.616)	41.100 (1.618)	41.000 (1.614)	41.025 (1.615)	0.025 (0.001)	0.100 (0.004)	34.975 (1.377)	35.000 (1.378)	0.020 (0.001)	0.200 (0.008)	50.000 ± 0.250 (1.969) ± (0.010)
PFM035041-060	35 (1.378)	35.120 (1.383)	35.200 (1.386)	41.050 (1.616)	41.100 (1.618)	41.000 (1.614)	41.025 (1.615)	0.025 (0.001)	0.100 (0.004)	34.975 (1.377)	35.000 (1.378)	0.020 (0.001)	0.200 (0.008)	60.000 ± 0.250 (2.362) ± (0.010)
PFM035041-070	35 (1.378)	35.120 (1.383)	35.200 (1.386)	41.050 (1.616)	41.100 (1.618)	41.000 (1.614)	41.025 (1.615)	0.025 (0.001)	0.100 (0.004)	34.975 (1.377)	35.000 (1.378)	0.020 (0.001)	0.200 (0.008)	70.000 ± 0.250 (2.756) ± (0.010)



POLYLUBE DESIGN GUIDE STANDARD SIZES

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PFM040048-40	PFM	040	F	048	40

EXAMPLE PFM040048-40
(Fiber Series Lined Bearing:
40mm ID x 48mm OD x 40mm Long)

STANDARD SIZES FOR POLYLUBE™ METRIC BEARINGS

Housing bore and shaft diameter tolerances: H7/H8 and h7/h8 respectively. *Smaller tolerance in length available on request. All measurements in millimeters.

BEARING PART NUMBER	NOMINAL ID	ID		OD		RECOMMENDED HOUSING BORE		PRESS FIT		RECOMMENDED SHAFT SIZE		RUNNING CLEARANCE		LENGTH TOLERANCE*
PFM040048-025	40 (1.575)	40.120 (1.580)	40.200 (1.583)	48.050 (1.892)	48.100 (1.894)	48.000 (1.890)	48.025 (1.891)	0.025 (0.001)	0.100 (0.004)	39.975 (1.574)	40.000 (1.575)	0.020 (0.001)	0.200 (0.008)	25.000 ± 0.250 (0.984) ± (0.010)
PFM040048-035	40 (1.575)	40.120 (1.580)	40.200 (1.583)	48.050 (1.892)	48.100 (1.894)	48.000 (1.890)	48.025 (1.891)	0.025 (0.001)	0.100 (0.004)	39.975 (1.574)	40.000 (1.575)	0.020 (0.001)	0.200 (0.008)	35.000 ± 0.250 (1.378) ± (0.010)
PFM040048-050	40 (1.575)	40.120 (1.580)	40.200 (1.583)	48.050 (1.892)	48.100 (1.894)	48.000 (1.890)	48.025 (1.891)	0.025 (0.001)	0.100 (0.004)	39.975 (1.574)	40.000 (1.575)	0.020 (0.001)	0.200 (0.008)	50.000 ± 0.250 (1.969) ± (0.010)
PFM040048-070	40 (1.575)	40.120 (1.580)	40.200 (1.583)	48.050 (1.892)	48.100 (1.894)	48.000 (1.890)	48.025 (1.891)	0.025 (0.001)	0.100 (0.004)	39.975 (1.574)	40.000 (1.575)	0.020 (0.001)	0.200 (0.008)	70.000 ± 0.250 (2.756) ± (0.010)
PFM040048-080	40 (1.575)	40.120 (1.580)	40.200 (1.583)	48.050 (1.892)	48.100 (1.894)	48.000 (1.890)	48.025 (1.891)	0.025 (0.001)	0.100 (0.004)	39.975 (1.574)	40.000 (1.575)	0.020 (0.001)	0.200 (0.008)	80.000 ± 0.250 (3.150) ± (0.010)
PFM045053-025	45 (1.772)	45.130 (1.777)	45.230 (1.781)	53.055 (2.089)	53.105 (2.091)	53.000 (2.087)	53.030 (2.088)	0.025 (0.001)	0.105 (0.004)	44.975 (1.771)	45.000 (1.772)	0.025 (0.001)	0.230 (0.009)	25.000 ± 0.250 (0.984) ± (0.010)
PFM045053-035	45 (1.772)	45.130 (1.777)	45.230 (1.781)	53.055 (2.089)	53.105 (2.091)	53.000 (2.087)	53.030 (2.088)	0.025 (0.001)	0.105 (0.004)	44.975 (1.771)	45.000 (1.772)	0.025 (0.001)	0.230 (0.009)	35.000 ± 0.250 (1.378) ± (0.010)
PFM045053-050	45 (1.772)	45.130 (1.777)	45.230 (1.781)	53.055 (2.089)	53.105 (2.091)	53.000 (2.087)	53.030 (2.088)	0.025 (0.001)	0.105 (0.004)	44.975 (1.771)	45.000 (1.772)	0.025 (0.001)	0.230 (0.009)	50.000 ± 0.250 (1.969) ± (0.010)
PFM045053-070	45 (1.772)	45.130 (1.777)	45.230 (1.781)	53.055 (2.089)	53.105 (2.091)	53.000 (2.087)	53.030 (2.088)	0.025 (0.001)	0.105 (0.004)	44.975 (1.771)	45.000 (1.772)	0.025 (0.001)	0.230 (0.009)	70.000 ± 0.250 (2.756) ± (0.010)
PFM045053-090	45 (1.772)	45.130 (1.777)	45.230 (1.781)	53.055 (2.089)	53.105 (2.091)	53.000 (2.087)	53.030 (2.088)	0.025 (0.001)	0.105 (0.004)	44.975 (1.771)	45.000 (1.772)	0.025 (0.001)	0.230 (0.009)	90.000 ± 0.250 (3.543) ± (0.010)
PFM050058-025	50 (1.969)	50.130 (1.974)	50.230 (1.978)	58.055 (2.286)	58.105 (2.288)	58.000 (2.283)	58.030 (2.285)	0.025 (0.001)	0.105 (0.004)	49.975 (1.968)	50.000 (1.969)	0.025 (0.001)	0.230 (0.009)	25.000 ± 0.250 (0.984) ± (0.010)
PFM050058-035	50 (1.969)	50.130 (1.974)	50.230 (1.978)	58.055 (2.286)	58.105 (2.288)	58.000 (2.283)	58.030 (2.285)	0.025 (0.001)	0.105 (0.004)	49.975 (1.968)	50.000 (1.969)	0.025 (0.001)	0.230 (0.009)	35.000 ± 0.250 (1.378) ± (0.010)
PFM050058-050	50 (1.969)	50.130 (1.974)	50.230 (1.978)	58.055 (2.286)	58.105 (2.288)	58.000 (2.283)	58.030 (2.285)	0.025 (0.001)	0.105 (0.004)	49.975 (1.968)	50.000 (1.969)	0.025 (0.001)	0.230 (0.009)	50.000 ± 0.250 (1.969) ± (0.010)
PFM050058-075	50 (1.969)	50.130 (1.974)	50.230 (1.978)	58.055 (2.286)	58.105 (2.288)	58.000 (2.283)	58.030 (2.285)	0.025 (0.001)	0.105 (0.004)	49.975 (1.968)	50.000 (1.969)	0.025 (0.001)	0.230 (0.009)	75.000 ± 0.250 (2.953) ± (0.010)
PFM050058-100	50 (1.969)	50.130 (1.974)	50.230 (1.978)	58.055 (2.286)	58.105 (2.288)	58.000 (2.283)	58.030 (2.285)	0.025 (0.001)	0.105 (0.004)	49.975 (1.968)	50.000 (1.969)	0.025 (0.001)	0.230 (0.009)	100.000 ± 0.250 (3.937) ± (0.010)
PFM055063-040	55 (2.165)	55.145 (2.171)	55.245 (2.175)	63.070 (2.483)	63.120 (2.485)	63.000 (2.480)	63.030 (2.481)	0.025 (0.001)	0.105 (0.004)	54.970 (2.164)	55.000 (2.165)	0.025 (0.001)	0.235 (0.009)	40.000 ± 0.250 (1.575) ± (0.010)
PFM055063-055	55 (2.165)	55.145 (2.171)	55.245 (2.175)	63.070 (2.483)	63.120 (2.485)	63.000 (2.480)	63.030 (2.481)	0.025 (0.001)	0.105 (0.004)	54.970 (2.164)	55.000 (2.165)	0.025 (0.001)	0.235 (0.009)	55.000 ± 0.250 (2.165) ± (0.010)
PFM055063-075	55 (2.165)	55.145 (2.171)	55.245 (2.175)	63.070 (2.483)	63.120 (2.485)	63.000 (2.480)	63.030 (2.481)	0.025 (0.001)	0.105 (0.004)	54.970 (2.164)	55.000 (2.165)	0.025 (0.001)	0.235 (0.009)	75.000 ± 0.250 (2.953) ± (0.010)
PFM055063-090	55 (2.165)	55.145 (2.171)	55.245 (2.175)	63.070 (2.483)	63.120 (2.485)	63.000 (2.480)	63.030 (2.481)	0.025 (0.001)	0.105 (0.004)	54.970 (2.164)	55.000 (2.165)	0.025 (0.001)	0.235 (0.009)	90.000 ± 0.250 (3.543) ± (0.010)
PFM055063-110	55 (2.165)	55.145 (2.171)	55.245 (2.175)	63.070 (2.483)	63.120 (2.485)	63.000 (2.480)	63.030 (2.481)	0.025 (0.001)	0.105 (0.004)	54.970 (2.164)	55.000 (2.165)	0.025 (0.001)	0.235 (0.009)	110.000 ± 0.250 (4.331) ± (0.010)
PFM060070-030	60 (2.362)	60.145 (2.368)	60.245 (2.372)	70.070 (2.759)	70.120 (2.761)	70.000 (2.756)	70.030 (2.757)	0.025 (0.001)	0.105 (0.004)	59.970 (2.361)	60.000 (2.362)	0.025 (0.001)	0.235 (0.009)	30.000 ± 0.250 (1.181) ± (0.010)
PFM060070-045	60 (2.362)	60.145 (2.368)	60.245 (2.372)	70.070 (2.759)	70.120 (2.761)	70.000 (2.756)	70.030 (2.757)	0.025 (0.001)	0.105 (0.004)	59.970 (2.361)	60.000 (2.362)	0.025 (0.001)	0.235 (0.009)	45.000 ± 0.250 (1.772) ± (0.010)
PFM060070-060	60 (2.362)	60.145 (2.368)	60.245 (2.372)	70.070 (2.759)	70.120 (2.761)	70.000 (2.756)	70.030 (2.757)	0.025 (0.001)	0.105 (0.004)	59.970 (2.361)	60.000 (2.362)	0.025 (0.001)	0.235 (0.009)	60.000 ± 0.250 (2.362) ± (0.010)
PFM060070-090	60 (2.362)	60.145 (2.368)	60.245 (2.372)	70.070 (2.759)	70.120 (2.761)	70.000 (2.756)	70.030 (2.757)	0.025 (0.001)	0.105 (0.004)	59.970 (2.361)	60.000 (2.362)	0.025 (0.001)	0.235 (0.009)	90.000 ± 0.250 (3.543) ± (0.010)
PFM060070-120	60 (2.362)	60.145 (2.368)	60.245 (2.372)	70.070 (2.759)	70.120 (2.761)	70.000 (2.756)	70.030 (2.757)	0.025 (0.001)	0.105 (0.004)	59.970 (2.361)	60.000 (2.362)	0.025 (0.001)	0.235 (0.009)	120.000 ± 0.250 (4.724) ± (0.010)

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THE POLYLUBE BEARING PART NUMBER SYSTEM

Bearing Number	PolyLube Identification	Inside Diameter	Selected Liner	Outside Diameter	Length
PFM040048-40	PGP	XX	T= Tape F=Fiber	XX	XX

EXAMPLE
PFM040048-40
 (Fiber Series Lined Bearing)
 40mm ID x 48mm OD x 40mm Long

POLYLUBE DESIGN GUIDE
STANDARD SIZES



STANDARD SIZES FOR POLYLUBE™ METRIC BEARINGS

Housing bore and shaft diameter tolerances: H7/H8 and h7/h8 respectively. *Smaller tolerance in length available on request. All measurements in millimeters.

BEARING PART NUMBER	NOMINAL ID	ID		OD		RECOMMENDED HOUSING BORE		PRESS FIT		RECOMMENDED SHAFT SIZE		RUNNING CLEARANCE		LENGTH TOLERANCE*
PFM065075-050	65 (2.559)	65.145 (2.565)	65.245 (2.569)	75.070 (2.956)	75.120 (2.957)	75.000 (2.953)	75.030 (2.954)	0.025 (0.001)	0.105 (0.004)	64.970 (2.558)	65.000 (2.559)	0.025 (0.001)	0.235 (0.009)	50.000 ± 0.250 (1.969) ± (0.010)
PFM065075-065	65 (2.559)	65.145 (2.565)	65.245 (2.569)	75.070 (2.956)	75.120 (2.957)	75.000 (2.953)	75.030 (2.954)	0.025 (0.001)	0.105 (0.004)	64.970 (2.558)	65.000 (2.559)	0.025 (0.001)	0.235 (0.009)	65.000 ± 0.250 (2.559) ± (0.010)
PFM065075-075	65 (2.559)	65.145 (2.565)	65.245 (2.569)	75.070 (2.956)	75.120 (2.957)	75.000 (2.953)	75.030 (2.954)	0.025 (0.001)	0.105 (0.004)	64.970 (2.558)	65.000 (2.559)	0.025 (0.001)	0.235 (0.009)	75.000 ± 0.250 (2.953) ± (0.010)
PFM065075-100	65 (2.559)	65.145 (2.565)	65.245 (2.569)	75.070 (2.956)	75.120 (2.957)	75.000 (2.953)	75.030 (2.954)	0.025 (0.001)	0.105 (0.004)	64.970 (2.558)	65.000 (2.559)	0.025 (0.001)	0.235 (0.009)	100.000 ± 0.250 (3.937) ± (0.010)
PFM065075-130	65 (2.559)	65.145 (2.565)	65.245 (2.569)	75.070 (2.956)	75.120 (2.957)	75.000 (2.953)	75.030 (2.954)	0.025 (0.001)	0.105 (0.004)	64.970 (2.558)	65.000 (2.559)	0.025 (0.001)	0.235 (0.009)	130.000 ± 0.250 (5.118) ± (0.010)
PFM070080-050	70 (2.756)	70.145 (2.762)	70.245 (2.766)	80.070 (3.152)	80.120 (3.154)	80.000 (3.150)	80.030 (3.151)	0.025 (0.001)	0.105 (0.004)	69.970 (2.755)	70.000 (2.756)	0.025 (0.001)	0.235 (0.009)	50.000 ± 0.250 (1.969) ± (0.010)
PFM070080-070	70 (2.756)	70.145 (2.762)	70.245 (2.766)	80.070 (3.152)	80.120 (3.154)	80.000 (3.150)	80.030 (3.151)	0.025 (0.001)	0.105 (0.004)	69.970 (2.755)	70.000 (2.756)	0.025 (0.001)	0.235 (0.009)	70.000 ± 0.250 (2.756) ± (0.010)
PFM070080-100	70 (2.756)	70.145 (2.762)	70.245 (2.766)	80.070 (3.152)	80.120 (3.154)	80.000 (3.150)	80.030 (3.151)	0.025 (0.001)	0.105 (0.004)	69.970 (2.755)	70.000 (2.756)	0.025 (0.001)	0.235 (0.009)	100.000 ± 0.250 (3.937) ± (0.010)
PFM070080-125	70 (2.756)	70.145 (2.762)	70.245 (2.766)	80.070 (3.152)	80.120 (3.154)	80.000 (3.150)	80.030 (3.151)	0.025 (0.001)	0.105 (0.004)	69.970 (2.755)	70.000 (2.756)	0.025 (0.001)	0.235 (0.009)	125.000 ± 0.250 (4.921) ± (0.010)
PFM070080-140	70 (2.756)	70.145 (2.762)	70.245 (2.766)	80.070 (3.152)	80.120 (3.154)	80.000 (3.150)	80.030 (3.151)	0.025 (0.001)	0.105 (0.004)	69.970 (2.755)	70.000 (2.756)	0.025 (0.001)	0.235 (0.009)	140.000 ± 0.250 (5.512) ± (0.010)
PFM075085-050	75 (2.953)	75.175 (2.960)	75.275 (2.964)	85.075 (3.349)	85.125 (3.351)	85.000 (3.346)	85.035 (3.348)	0.025 (0.001)	0.110 (0.004)	74.970 (2.952)	75.000 (2.953)	0.050 (0.002)	0.265 (0.010)	50.000 ± 0.250 (1.969) ± (0.010)
PFM075085-075	75 (2.953)	75.175 (2.960)	75.275 (2.964)	85.075 (3.349)	85.125 (3.351)	85.000 (3.346)	85.035 (3.348)	0.025 (0.001)	0.110 (0.004)	74.970 (2.952)	75.000 (2.953)	0.050 (0.002)	0.265 (0.010)	75.000 ± 0.250 (2.953) ± (0.010)
PFM075085-100	75 (2.953)	75.175 (2.960)	75.275 (2.964)	85.075 (3.349)	85.125 (3.351)	85.000 (3.346)	85.035 (3.348)	0.025 (0.001)	0.110 (0.004)	74.970 (2.952)	75.000 (2.953)	0.050 (0.002)	0.265 (0.010)	100.000 ± 0.250 (3.937) ± (0.010)
PFM075085-125	75 (2.953)	75.175 (2.960)	75.275 (2.964)	85.075 (3.349)	85.125 (3.351)	85.000 (3.346)	85.035 (3.348)	0.025 (0.001)	0.110 (0.004)	74.970 (2.952)	75.000 (2.953)	0.050 (0.002)	0.265 (0.010)	125.000 ± 0.250 (4.921) ± (0.010)
PFM075085-150	75 (2.953)	75.175 (2.960)	75.275 (2.964)	85.075 (3.349)	85.125 (3.351)	85.000 (3.346)	85.035 (3.348)	0.025 (0.001)	0.110 (0.004)	74.970 (2.952)	75.000 (2.953)	0.050 (0.002)	0.265 (0.010)	150.000 ± 0.250 (5.906) ± (0.010)
PFM080090-050	80 (3.150)	80.175 (3.156)	80.275 (3.160)	90.075 (3.546)	90.125 (3.548)	90.000 (3.543)	90.035 (3.545)	0.025 (0.001)	0.110 (0.004)	79.970 (3.148)	80.000 (3.150)	0.050 (0.002)	0.265 (0.010)	50.000 ± 0.250 (1.969) ± (0.010)
PFM080090-075	80 (3.150)	80.175 (3.156)	80.275 (3.160)	90.075 (3.546)	90.125 (3.548)	90.000 (3.543)	90.035 (3.545)	0.025 (0.001)	0.110 (0.004)	79.970 (3.148)	80.000 (3.150)	0.050 (0.002)	0.265 (0.010)	75.000 ± 0.250 (2.953) ± (0.010)
PFM080090-100	80 (3.150)	80.175 (3.156)	80.275 (3.160)	90.075 (3.546)	90.125 (3.548)	90.000 (3.543)	90.035 (3.545)	0.025 (0.001)	0.110 (0.004)	79.970 (3.148)	80.000 (3.150)	0.050 (0.002)	0.265 (0.010)	100.000 ± 0.250 (3.937) ± (0.010)
PFM080090-125	80 (3.150)	80.175 (3.156)	80.275 (3.160)	90.075 (3.546)	90.125 (3.548)	90.000 (3.543)	90.035 (3.545)	0.025 (0.001)	0.110 (0.004)	79.970 (3.148)	80.000 (3.150)	0.050 (0.002)	0.265 (0.010)	125.000 ± 0.250 (4.921) ± (0.010)
PFM080090-150	80 (3.150)	80.175 (3.156)	80.275 (3.160)	90.075 (3.546)	90.125 (3.548)	90.000 (3.543)	90.035 (3.545)	0.025 (0.001)	0.110 (0.004)	79.975 (3.148)	80.000 (3.150)	0.050 (0.002)	0.265 (0.010)	150.000 ± 0.250 (5.906) ± (0.010)
PFM085095-050	85 (3.346)	85.175 (3.353)	85.275 (3.357)	95.075 (3.743)	95.125 (3.745)	95.000 (3.740)	95.035 (3.742)	0.025 (0.001)	0.110 (0.004)	84.970 (3.345)	85.000 (3.346)	0.050 (0.002)	0.265 (0.010)	50.000 ± 0.250 (1.969) ± (0.010)
PFM085095-085	85 (3.346)	85.175 (3.353)	85.275 (3.357)	95.075 (3.743)	95.125 (3.745)	95.000 (3.740)	95.035 (3.742)	0.025 (0.001)	0.110 (0.004)	84.970 (3.345)	85.000 (3.346)	0.050 (0.002)	0.265 (0.010)	85.000 ± 0.250 (3.346) ± (0.010)
PFM085095-100	85 (3.346)	85.175 (3.353)	85.275 (3.357)	95.075 (3.743)	95.125 (3.745)	95.000 (3.740)	95.035 (3.742)	0.025 (0.001)	0.110 (0.004)	84.970 (3.345)	85.000 (3.346)	0.050 (0.002)	0.265 (0.010)	100.000 ± 0.250 (3.937) ± (0.010)
PFM085095-125	85 (3.346)	85.175 (3.353)	85.275 (3.357)	95.075 (3.743)	95.125 (3.745)	95.000 (3.740)	95.035 (3.742)	0.025 (0.001)	0.110 (0.004)	84.970 (3.345)	85.000 (3.346)	0.050 (0.002)	0.265 (0.010)	125.000 ± 0.250 (4.921) ± (0.010)
PFM085095-150	85 (3.346)	85.175 (3.353)	85.275 (3.357)	95.075 (3.743)	95.125 (3.745)	95.000 (3.740)	95.035 (3.742)	0.025 (0.001)	0.110 (0.004)	84.970 (3.345)	85.000 (3.346)	0.050 (0.002)	0.265 (0.010)	150.000 ± 0.250 (5.906) ± (0.010)



POLYLUBE DESIGN GUIDE STANDARD SIZES

THE POLYLUBE BEARING PART NUMBER SYSTEM

Bearing Number	PolyLube Identification	Inside Diameter	Selected Liner	Outside Diameter	Length
PFM040048-40	PFM	040	F	048	40

EXAMPLE PFM040048-40
(Fiber Series Lined Bearing:
40mm ID x 48mm OD x 40mm Long)

STANDARD SIZES FOR POLYLUBE™ METRIC BEARINGS

Housing bore and shaft diameter tolerances: H7/H8 and h7/h8 respectively. *Smaller tolerance in length available on request. All measurements in millimeters.

BEARING PART NUMBER	NOMINAL ID	ID	OD	RECOMMENDED HOUSING BORE	PRESS FIT	RECOMMENDED SHAFT SIZE	RUNNING CLEARANCE	LENGTH TOLERANCE*
PFM090105-050	90 (3.543)	90.175 (3.550) 90.275 (3.554)	105.075 (4.137) 105.125 (4.139)	105.000 (4.134) 105.035 (4.135)	0.025 (0.001) 0.110 (0.004)	89.965 (3.542) 90.000 (3.543)	0.050 (0.002) 0.270 (0.011)	50.000 ± 0.250 (1.969) ± (0.010)
PFM090105-090	90 (3.543)	90.175 (3.550) 90.275 (3.554)	105.075 (4.137) 105.125 (4.139)	105.000 (4.134) 105.035 (4.135)	0.025 (0.001) 0.110 (0.004)	89.965 (3.542) 90.000 (3.543)	0.050 (0.002) 0.270 (0.011)	90.000 ± 0.250 (3.543) ± (0.010)
PFM090105-125	90 (3.543)	90.175 (3.550) 90.275 (3.554)	105.075 (4.137) 105.125 (4.139)	105.000 (4.134) 105.035 (4.135)	0.025 (0.001) 0.110 (0.004)	89.965 (3.542) 90.000 (3.543)	0.050 (0.002) 0.270 (0.011)	125.000 ± 0.250 (4.921) ± (0.010)
PFM090105-150	90 (3.543)	90.175 (3.550) 90.275 (3.554)	105.075 (4.137) 105.125 (4.139)	105.000 (4.134) 105.035 (4.135)	0.025 (0.001) 0.110 (0.004)	89.965 (3.542) 90.000 (3.543)	0.050 (0.002) 0.270 (0.011)	150.000 ± 0.250 (5.906) ± (0.010)
PFM090105-180	90 (3.543)	90.175 (3.550) 90.275 (3.554)	105.075 (4.137) 105.125 (4.139)	105.000 (4.134) 105.035 (4.135)	0.025 (0.001) 0.110 (0.004)	89.965 (3.542) 90.000 (3.543)	0.050 (0.002) 0.270 (0.011)	180.000 ± 0.250 (7.087) ± (0.010)
PFM095110-050	95 (3.740)	95.185 (3.747) 95.310 (3.752)	110.850 (4.364) 110.900 (4.366)	110.000 (4.331) 110.035 (4.332)	0.025 (0.001) 0.110 (0.004)	94.965 (3.739) 95.000 (3.740)	0.050 (0.002) 0.295 (0.012)	50.000 ± 0.250 (1.969) ± (0.010)
PFM095110-100	95 (3.740)	95.185 (3.747) 95.310 (3.752)	110.850 (4.364) 110.900 (4.366)	110.000 (4.331) 110.035 (4.332)	0.025 (0.001) 0.110 (0.004)	94.965 (3.739) 95.000 (3.740)	0.050 (0.002) 0.295 (0.012)	100.000 ± 0.250 (3.937) ± (0.010)
PFM095110-125	95 (3.740)	95.185 (3.747) 95.310 (3.752)	110.850 (4.364) 110.900 (4.366)	110.000 (4.331) 110.035 (4.332)	0.025 (0.001) 0.110 (0.004)	94.965 (3.739) 95.000 (3.740)	0.050 (0.002) 0.295 (0.012)	125.000 ± 0.250 (4.921) ± (0.010)
PFM095110-150	95 (3.740)	95.185 (3.747) 95.310 (3.752)	110.850 (4.364) 110.900 (4.366)	110.000 (4.331) 110.035 (4.332)	0.025 (0.001) 0.110 (0.004)	94.965 (3.739) 95.000 (3.740)	0.050 (0.002) 0.295 (0.012)	150.000 ± 0.250 (5.906) ± (0.010)
PFM095110-175	95 (3.740)	95.185 (3.747) 95.310 (3.752)	110.850 (4.364) 110.900 (4.366)	110.000 (4.331) 110.035 (4.332)	0.025 (0.001) 0.110 (0.004)	94.965 (3.739) 95.000 (3.740)	0.050 (0.002) 0.295 (0.012)	175.000 ± 0.250 (6.890) ± (0.010)
PFM100115-075	100 (3.937)	100.185 (3.944) 100.310 (3.949)	115.085 (4.531) 115.135 (4.533)	115.000 (4.528) 115.035 (4.529)	0.025 (0.001) 0.110 (0.004)	99.965 (3.936) 100.000 (3.937)	0.050 (0.002) 0.295 (0.012)	75.000 ± 0.250 (2.953) ± (0.010)
PFM100115-100	100 (3.937)	100.185 (3.944) 100.310 (3.949)	115.085 (4.531) 115.135 (4.533)	115.000 (4.528) 115.035 (4.529)	0.025 (0.001) 0.110 (0.004)	99.965 (3.936) 100.000 (3.937)	0.050 (0.002) 0.295 (0.012)	100.000 ± 0.250 (3.937) ± (0.010)
PFM100115-125	100 (3.937)	100.185 (3.944) 100.310 (3.949)	115.085 (4.531) 115.135 (4.533)	115.000 (4.528) 115.035 (4.529)	0.025 (0.001) 0.110 (0.004)	99.965 (3.936) 100.000 (3.937)	0.050 (0.002) 0.295 (0.012)	125.000 ± 0.250 (4.921) ± (0.010)
PFM100115-150	100 (3.937)	100.185 (3.944) 100.310 (3.949)	115.085 (4.531) 115.135 (4.533)	115.000 (4.528) 115.035 (4.529)	0.025 (0.001) 0.110 (0.004)	99.965 (3.936) 100.000 (3.937)	0.050 (0.002) 0.295 (0.012)	150.000 ± 0.250 (5.906) ± (0.010)
PFM100115-175	100 (3.937)	100.185 (3.944) 100.310 (3.949)	115.085 (4.531) 115.135 (4.533)	115.000 (4.528) 115.035 (4.529)	0.025 (0.001) 0.110 (0.004)	99.965 (3.936) 100.000 (3.937)	0.050 (0.002) 0.295 (0.012)	175.000 ± 0.250 (6.890) ± (0.010)
PFM110125-075	110 (4.331)	110.185 (4.338) 110.310 (4.343)	125.085 (4.925) 125.135 (4.927)	125.000 (4.921) 125.035 (4.923)	0.025 (0.001) 0.110 (0.004)	109.965 (4.329) 110.000 (4.331)	0.050 (0.002) 0.295 (0.012)	75.000 ± 0.250 (2.953) ± (0.010)
PFM110125-100	110 (4.331)	110.185 (4.338) 110.310 (4.343)	125.085 (4.925) 125.135 (4.927)	125.000 (4.921) 125.035 (4.923)	0.025 (0.001) 0.110 (0.004)	109.965 (4.329) 110.000 (4.331)	0.050 (0.002) 0.295 (0.012)	100.000 ± 0.250 (3.937) ± (0.010)
PFM110125-125	110 (4.331)	110.185 (4.338) 110.310 (4.343)	125.085 (4.925) 125.135 (4.927)	125.000 (4.921) 125.035 (4.923)	0.025 (0.001) 0.110 (0.004)	109.965 (4.329) 110.000 (4.331)	0.050 (0.002) 0.295 (0.012)	125.000 ± 0.250 (4.921) ± (0.010)
PFM110125-150	110 (4.331)	110.185 (4.338) 110.310 (4.343)	125.085 (4.925) 125.135 (4.927)	125.000 (4.921) 125.035 (4.923)	0.025 (0.001) 0.110 (0.004)	109.965 (4.329) 110.000 (4.331)	0.050 (0.002) 0.295 (0.012)	150.000 ± 0.250 (5.906) ± (0.010)
PFM110125-175	110 (4.331)	110.185 (4.338) 110.310 (4.343)	125.085 (4.925) 125.135 (4.927)	125.000 (4.921) 125.035 (4.923)	0.025 (0.001) 0.110 (0.004)	109.965 (4.329) 110.000 (4.331)	0.050 (0.002) 0.295 (0.012)	175.000 ± 0.250 (6.890) ± (0.010)
PFM120135-075	120 (4.724)	120.215 (4.733) 120.340 (4.738)	135.090 (5.319) 135.140 (5.320)	135.000 (5.315) 135.040 (5.317)	0.025 (0.001) 0.140 (0.006)	119.965 (4.723) 120.000 (4.724)	0.050 (0.002) 0.325 (0.013)	75.000 ± 0.250 (2.953) ± (0.010)
PFM120135-100	120 (4.724)	120.215 (4.733) 120.340 (4.738)	135.090 (5.319) 135.140 (5.320)	135.000 (5.315) 135.040 (5.317)	0.025 (0.001) 0.140 (0.006)	119.965 (4.723) 120.000 (4.724)	0.050 (0.002) 0.325 (0.013)	100.000 ± 0.250 (3.937) ± (0.010)
PFM120135-125	120 (4.724)	120.215 (4.733) 120.340 (4.738)	135.090 (5.319) 135.140 (5.320)	135.000 (5.315) 135.040 (5.317)	0.025 (0.001) 0.140 (0.006)	119.965 (4.723) 120.000 (4.724)	0.050 (0.002) 0.325 (0.013)	125.000 ± 0.250 (4.921) ± (0.010)
PFM120135-150	120 (4.724)	120.215 (4.733) 120.340 (4.738)	135.090 (5.319) 135.140 (5.320)	135.000 (5.315) 135.040 (5.317)	0.025 (0.001) 0.140 (0.006)	119.965 (4.723) 120.000 (4.724)	0.050 (0.002) 0.325 (0.013)	150.000 ± 0.250 (5.906) ± (0.010)
PFM120135-175	120 (4.724)	120.215 (4.733) 120.340 (4.738)	135.090 (5.319) 135.140 (5.320)	135.000 (5.315) 135.040 (5.317)	0.025 (0.001) 0.140 (0.006)	119.965 (4.723) 120.000 (4.724)	0.050 (0.002) 0.325 (0.013)	175.000 ± 0.250 (6.890) ± (0.010)

THE POLYLUBE BEARING PART NUMBER SYSTEM

Bearing Number	PolyLube Identification	Inside Diameter	Selected Liner	Outside Diameter	Length
PFM040048-40	PGP	XX	T= Tape F=Fiber	XX	XX

EXAMPLE
PFM040048-40
 (Fiber Series Lined Bearing)
 40mm ID x 48mm OD x 40mm Long)

POLYLUBE DESIGN GUIDE
STANDARD SIZES



STANDARD SIZES FOR POLYLUBE™ METRIC BEARINGS

Housing bore and shaft diameter tolerances: H7/H8 and h7/h8 respectively. *Smaller tolerance in length available on request. All measurements in millimeters.

BEARING PART NUMBER	NOMINAL ID	ID	OD	RECOMMENDED HOUSING BORE	PRESS FIT	RECOMMENDED SHAFT SIZE	RUNNING CLEARANCE	LENGTH TOLERANCE*
PFM130145-075	130 (5.118)	130.215 (5.127) 130.340 (5.131)	145.090 (5.712) 145.140 (5.714)	145.000 (5.709) 145.040 (5.710)	0.025 (0.001) 0.140 (0.006)	129.965 (5.117) 130.000 (5.118)	0.050 (0.002) 0.325 (0.013)	75.000 ± 0.250 (2.953) ± (0.010)
PFM130145-125	130 (5.118)	130.215 (5.127) 130.340 (5.131)	145.090 (5.712) 145.140 (5.714)	145.000 (5.709) 145.040 (5.710)	0.025 (0.001) 0.140 (0.006)	129.965 (5.117) 130.000 (5.118)	0.050 (0.002) 0.325 (0.013)	125.000 ± 0.250 (4.921) ± (0.010)
PFM130145-150	130 (5.118)	130.215 (5.127) 130.340 (5.131)	145.090 (5.712) 145.140 (5.714)	145.000 (5.709) 145.040 (5.710)	0.025 (0.001) 0.140 (0.006)	129.965 (5.117) 130.000 (5.118)	0.050 (0.002) 0.325 (0.013)	150.000 ± 0.250 (5.906) ± (0.010)
PFM130145-175	130 (5.118)	130.215 (5.127) 130.340 (5.131)	145.090 (5.712) 145.140 (5.714)	145.000 (5.709) 145.040 (5.710)	0.025 (0.001) 0.140 (0.006)	129.965 (5.117) 130.000 (5.118)	0.050 (0.002) 0.325 (0.013)	175.000 ± 0.250 (6.890) ± (0.010)
PFM130145-200	130 (5.118)	130.215 (5.127) 130.340 (5.131)	145.090 (5.712) 145.140 (5.714)	145.000 (5.709) 145.040 (5.710)	0.025 (0.001) 0.140 (0.006)	129.965 (5.117) 130.000 (5.118)	0.050 (0.002) 0.325 (0.013)	200.000 ± 0.250 (7.874) ± (0.010)
PFM140155-075	140 (5.512)	140.215 (5.520) 140.340 (5.525)	155.090 (6.106) 155.140 (6.108)	155.000 (6.102) 155.040 (6.104)	0.025 (0.001) 0.140 (0.006)	139.965 (5.510) 140.000 (5.512)	0.050 (0.002) 0.325 (0.013)	75.000 ± 0.250 (2.953) ± (0.010)
PFM140155-125	140 (5.512)	140.215 (5.520) 140.340 (5.525)	155.090 (6.106) 155.140 (6.108)	155.000 (6.102) 155.040 (6.104)	0.025 (0.001) 0.140 (0.006)	139.965 (5.510) 140.000 (5.512)	0.050 (0.002) 0.325 (0.013)	125.000 ± 0.250 (4.921) ± (0.010)
PFM140155-150	140 (5.512)	140.215 (5.520) 140.340 (5.525)	155.090 (6.106) 155.140 (6.108)	155.000 (6.102) 155.040 (6.104)	0.025 (0.001) 0.140 (0.006)	139.965 (5.510) 140.000 (5.512)	0.050 (0.002) 0.325 (0.013)	150.000 ± 0.250 (5.906) ± (0.010)
PFM140155-175	140 (5.512)	140.215 (5.520) 140.340 (5.525)	155.090 (6.106) 155.140 (6.108)	155.000 (6.102) 155.040 (6.104)	0.025 (0.001) 0.140 (0.006)	139.965 (5.510) 140.000 (5.512)	0.050 (0.002) 0.325 (0.013)	175.000 ± 0.250 (6.890) ± (0.010)
PFM140155-200	140 (5.512)	140.215 (5.520) 140.340 (5.525)	155.090 (6.106) 155.140 (6.108)	155.000 (6.102) 155.040 (6.104)	0.025 (0.001) 0.140 (0.006)	139.965 (5.510) 140.000 (5.512)	0.050 (0.002) 0.325 (0.013)	200.000 ± 0.250 (7.874) ± (0.010)
PFM150165-075	150 (5.906)	150.215 (5.914) 150.340 (5.919)	165.090 (6.500) 165.140 (6.502)	165.000 (6.496) 165.040 (6.498)	0.025 (0.001) 0.140 (0.006)	149.965 (5.904) 150.000 (5.906)	0.050 (0.002) 0.325 (0.013)	75.000 ± 0.250 (2.953) ± (0.010)
PFM150165-125	150 (5.906)	150.215 (5.914) 150.340 (5.919)	165.090 (6.500) 165.140 (6.502)	165.000 (6.496) 165.040 (6.498)	0.025 (0.001) 0.140 (0.006)	149.965 (5.904) 150.000 (5.906)	0.050 (0.002) 0.325 (0.013)	125.000 ± 0.250 (4.921) ± (0.010)
PFM150165-150	150 (5.906)	150.215 (5.914) 150.340 (5.919)	165.090 (6.500) 165.140 (6.502)	165.000 (6.496) 165.040 (6.498)	0.025 (0.001) 0.140 (0.006)	149.965 (5.904) 150.000 (5.906)	0.050 (0.002) 0.325 (0.013)	150.000 ± 0.250 (5.906) ± (0.010)
PFM150165-200	150 (5.906)	150.215 (5.914) 150.340 (5.919)	165.090 (6.500) 165.140 (6.502)	165.000 (6.496) 165.040 (6.498)	0.025 (0.001) 0.140 (0.006)	149.965 (5.904) 150.000 (5.906)	0.050 (0.002) 0.325 (0.013)	200.000 ± 0.250 (7.874) ± (0.010)
PFM150165-250	150 (5.906)	150.215 (5.914) 150.340 (5.919)	165.090 (6.500) 165.140 (6.502)	165.000 (6.496) 165.040 (6.498)	0.025 (0.001) 0.140 (0.006)	149.965 (5.904) 150.000 (5.906)	0.050 (0.002) 0.325 (0.013)	250.000 ± 0.250 (9.843) ± (0.010)