DUNLOP

BALL JOINTS

BL SERIES

Description:
BL-Series is our 4-piece standard range of die cast zinc alloy ball joints suitable for medium industrial/mechanical load applications requiring smooth action and good wear resistance. The body is die cast around the ball giving an ultra smooth surface contact area, the ball stud is hardened and friction welded to the ball. The neoprene gaiter helps resist dirt contamination.

Material Specifications:
Body: Die cast zinc alloy. Ball: 100Cr6 bearing steel. Ball stud: Steel S35C hardened zinc plated and clear trivalent passivated. Gaiter: Neoprene.

Features
Metric thread sizes Ultra smooth action
Strong & cost effective
High pull out load axial & radial. Good wear resistance. Lubricated

Possible Applications
Industrial equipment
Construction equipment
Agricultural equipment
Lawn & garden equipment

Temperature Range
-30°C to +120°C

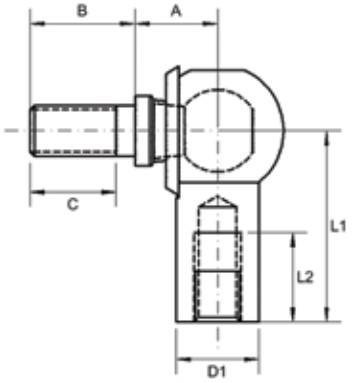
Specification
ELV & RoHS compliant

Interchange table

Dunlop	IKO	THK	Alinabal	SKF	Asahi	Rose
BL (metric)	LHSA	BL-D	-	-	-	-

Note: Manufacturers part numbers are used for descriptive purposes only and may not be direct equivalent products.

BL SERIES: DIE CAST BALL JOINTS (METRIC)



Body: Die Cast Zinc Alloy

Ball: Bearing Steel 100Cr6

Ball Stud: S35C, Hardened, Zinc Plated and Clear Trivalent Passivate

Dust Seal: Neoprene Rubber

Specification: ELV and RoHS Compliant

Part No. Right Hand	Part No. Left Hand	Body Thread	Stud Thread	Ball Dia	L1	L2 Min	Stud A/F	A	B	C Min	D1
BL6D	BL6DL	M6X1.00	M10X1.25	8	30	16	10	11.0	15.0	11.0	11
BL8D	BL8DL	M8X1.25	M8X1.25	8	36	19	12	14.0	17.0	12.0	14
BL10BD	BL10BDL	M10X1.50	M10X1.50	10	43	23	14	17.0	26.0	21.0	17
BL10D	BL10DL	M10X1.25	M10X1.25	13	43	23	14	17.0	20.0	15.0	17
BL12BD	BL12BDL	M12X1.75	M12X1.75	13	50	26	17	19.0	30.0	24.0	19
BL12D	BL12DL	M12X1.25	M12X1.25	13	50	26	17	19.0	23.0	17.0	19
BL14BD	BL14BDL	M14X2.00	M14X2.00	13	57	30	19	21.5	40.5	28.0	22
BL14D	BL14DL	M14X1.50	M14X1.50	13	57	30	19	21.5	34.5	22.0	22
BL16BD	BL16BDL	M16X2.00	M16X2.00	13	64	34	22	23.5	42.5	29.0	24
BL16D	BL16DL	M16X1.50	M16X1.50	13	64	34	22	23.5	36.5	23.0	24

DUNLOP

BALL JOINTS

BM SERIES

Description:
BM-Series is our 3-piece range of light weight nylon bodied ball joints, suitable for light industrial/mechanical load applications requiring smooth action and good wear resistance. BMG-Series ball joints are also available without the ball stud allowing for assembly on to a pre-positioned stud. Please refer to compatible ball stud options in our miscellaneous product section. BMG-Series ball joints can be moulded directly onto a linkage rod etc. Neoprene gaiter helps resist dirt contamination. If gaiter is not required please remove the letter G from the part number.

Material Specifications:
Body: Nylon 12 grey with graphite additive. Ball stud: Steel 230M07PB zinc plated and clear trivalent passivate. 303L Stainless Steel. Gaiter: Neoprene.

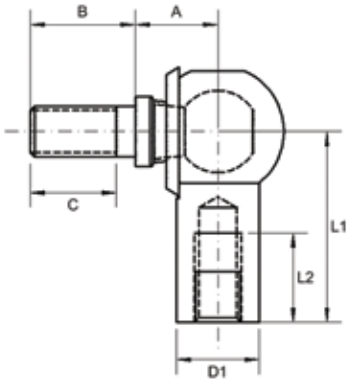
Features
Metric thread sizes
Smooth action. Can be assembled in situ
Good wear resistance
Light weight. Economical
Lubricated

Possible Applications
Light industrial equipment. Light agricultural equipment
Lawn & garden equipment
Engine controls

Temperature Range
-30°C to +120°C

Specification
ELV & RoHS compliant

BMG SERIES: LIGHT WEIGHT NYLON BODIED BALL JOINTS (METRIC)



Body: Nylon 12 with Graphite Trace

Ball Stud: Steel 230M07Pb, Zinc Plated and Clear Trivalent Passivate

Dust Seal: Neoprene Rubber

Specification: ELV and RoHS Compliant

Part No. Right Hand	Part No. Left Hand	Body Thread	Stud Thread	Ball Dia	L1	L2 Min	Stud A/F	A	B	C Min	D1
BM5	BM5LH	M5X0.80	M5X0.80	8	20	12	7	9.0	10.2	8.6	10.0
BMG5	BMG5LH	M5X0.80	M5X0.80	8	20	12	7	9.0	10.2	8.6	10.0
BM5/6*	BM5/6LH*	M5X0.80	M5X0.80	8	20	12	7	9.0	10.2	8.6	10.0
BMG5/6*	BMG5/6LH*	M5X0.80	M5X0.80	8	20	12	7	9.0	10.2	8.6	10.0
BM6	BM6LH	M6X1.00	M6X1.00	10	24	14	8	11.0	12.5	10	12.0
BMG6	BMG6LH	M6X1.00	M6X1.00	10	24	14	8	11.0	12.5	10	12.0
BM8	BM8LH	M8X1.25	M8X1.25	13	30	17	11	13.0	16.5	13.5	15.0
BMG8	BMG8LH	M8X1.25	M8X1.25	13	30	17	11	13.0	16.5	13.5	15.0

BMG5/6 Cross hole for locking pin.*

For stainless steel add 'SS' to part no. For example 'BM5 SS'