

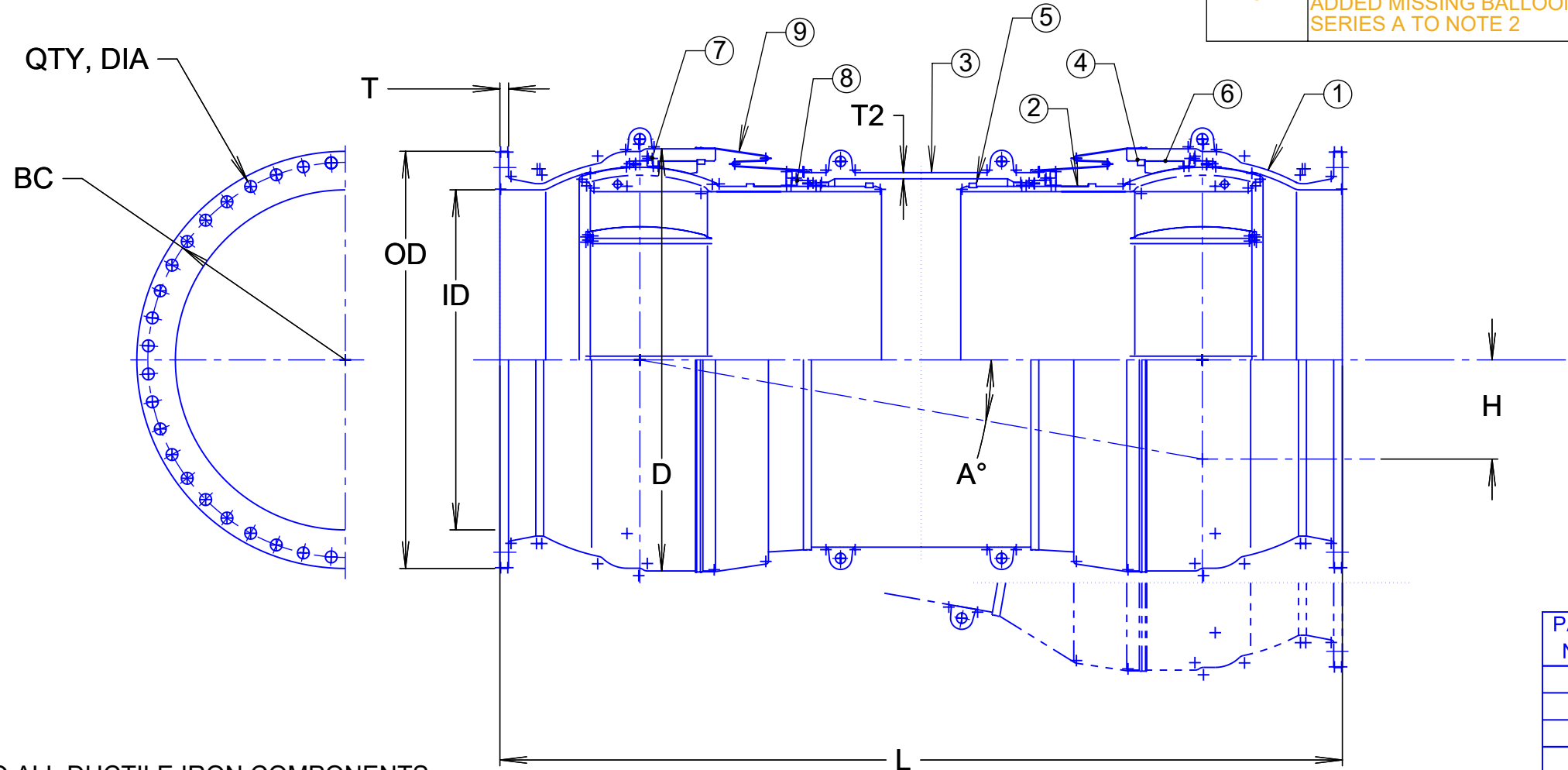
DIMENSIONS

SIZE	D	H OFFSET	L	ANGLE A	EXPANSION / CONTRACTION	OD	BC	ID		T	T2	FLANGE BOLT		WORKING PRESSURE (PSI)	WGT (LBS)
								FLANGE	BALL SLEEVE			QTY	DIA		
54	67.0	11.8	112.2	±10°	+7.9 / -5.9	66.3	62.75	54.0	53.4	1.38	0.98	44	1.88	145	14,400
		15.7	133.9		+13.8 / -9.8										15,700
		19.7	156.3		+13.8 / -9.8										17,200

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	7/31/2003	DH EATON
1	ADDED 20" OFFSET SIZE	2/20/2008	DH EATON
2	NAME WAS FLEXIJOINT, UPDATED FORMAT, DWG WAS B2256-B	12/14/2012	N THOGERSEN
3	CASING MTL WAS SBR. DIM H WAS 20.0. WGT WAS 14500, 15750, 17045	12/29/2021	JJM
4	UPDATED NOTES TO MATCH PRODUCTION AND TABLE FORMAT. ADDED PRESSURE RATINGS	10/16/2023	JJM
5	UPDATED TABLE FORMAT, SCALE, ROUNDING, AND ADDED SLEEVE ID. ADDED MISSING BALLOON 5. ADDED SERIES A TO NOTE 2	6/18/2024	JJM

FOR CUSTOMER USE



- NOTES:
- COATING APPLIED TO ALL DUCTILE IRON COMPONENTS.
    - SYNTHETIC RESIN COATING PER JWVA K 139 FOR EXTERIOR SURFACES.
    - EPOXY COATING PER JWVA G 112 FOR SURFACES TOUCHING THE WATER
    - EPOXY COATING JWVA K 157 FOR A PORTION OF THE SLEEVE LOCKRING
  - FLANGE COMPATIBLE WITH ANSI B16.1 CLS 125, ANSI B16.47 CLS 150 SERIES A, AWWA C207 CLS D & E BOLT CIRCLES
  - END THRUST MUST BE ACCOMMODATED IN DESIGN OF THE PIPING SYSTEMS. CONNECTING PIPES NEED TO BE RESTRAINED TO PREVENT EXPANSION UNDER PRESSURE.

PART NO.	QTY.	NAME	MATERIAL
1	2	CASING	DUCTILE IRON
2	2	BALL SLEEVE	DUCTILE IRON
3	1	SLEEVE	DUCTILE IRON
4	2	LOCKRING	DUCTILE IRON
5	2	LOCKRING	DUCTILE IRON
6	2	CASING PIECE	DUCTILE IRON
7	2	RUBBER RING	SBR
8	2	RUBBER RING	SBR
9	2	CASING COVER	CR

PROPRIETARY NOTICE	UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
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		APPROVED Derek Sorenson	7/9/2024



**ROMAC INDUSTRIES INC.**  
 TITLE  
**FJ-RESTRAINT  
 54", DOUBLE BALL, FLANGED**  
 DWG. NO. CAD-004818    SIZE B    REV. NO. 5    SCALE NTS    SHEET 1 OF 1