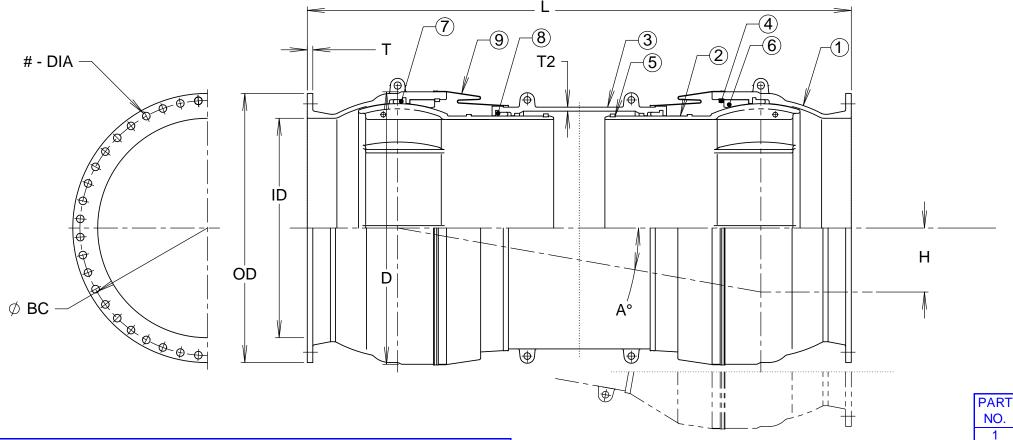
	REVISIONS		
REV.	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	10/23/2003	DHE
1	ADDED 19.7" OFFSET SIZE	10/24/2007	DHE
2	19.7 OFFSET SIZE WAS +7.9/-5.9	10/29/2007	DHE
3	NAME WAS FLEXIJOINT, UPDATED FORMAT	1/23/2012	NST
4	CASING MTL WAS SBR. DIM H WAS 15.8, DIM T WAS 1.37, WEIGHT WAS 12100	12/30/2021	JJM
5	BALLOON 5 WAS MISSING	10/25/2022	JJM



	DIMENSIONS												
											FLA	NGE	
		Н		ANGLE	EXPANSION/						BOLTI	HOLES	WGT.,
SIZE	D	(OFFSET)	L	Α	CONTRACTION	OD	BC	ID	Т	T2	#	DIA	LBS.
		11.8	108.3		+7.9/ -5.9								11500
48"	60.6	15.7	129.9	±10.0°	+13.8/ -9.8	59.5	56.0	6.0 48.0	8.0 1.38	0.9	44	1.63	12200
		19.7	152.4		+13.8/ -9.8								13300

NOTE:

- 1. FUSION BONDED EPOXY APPLIED TO ALL DUCTILE IRON COMPONENTS.
- IRON COMPONENTS.
 2. FLANGE COMPATIBLE WITH CLASS 150 DRILLING.

PROPRIETARY NOTICE	UNLESS
THIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY INFORMATION AND IS THE PROPERTY OF ROMAC IND., INC. IT IS TO BE USED ONLY FOR THE PURPOSE FOR WHICH IS WAS SUBMITTED AND SHALL NOT HAVE ITS INFORMATION DISCLOSED OR REPRODUCED IN WHOLE OR IN PART FOR ANY PURPOSE WITHOUT PRIOR WRITTEN PERMISSION OF ROMAC IND., INC.	DIMEN TOLER 1 PL DI 2 PL DI 3 PL DI ANGLE FRACT
z z real real real real real real real real	1

	UNLESS OTHERWISE SPECIFIED	SIGNATURES	Г
		DRAWN	
	DIMENSIONS ARE IN INCHES	JOSHUA MORMAN 10/24/22	$ \rangle$
	TOLERANCES ARE ON:		17/
	1 PL DECIMALS ±	CHECKED	1 ((
	2 PL DECIMALS ± 3 PL DECIMALS ±	10/26/2022	/
	ANGLES ±	APPROVAL ORGANIZATIONS	
	FRACTIONS ±	APPROVAL ORGANIZATIONS	
′ ·		PROP.CUST.APP. ORG.	ı∟

ROMAC INDUSTRIES INC., BOTHELL, WA
TITLE
FJ-RESTRAINT
FJ-RESTRAINT 48", DOUBLE BALL, FLANGED

QTY. NAME

2

3

5

6

8

2 CASING

2 LOCKRING

2 LOCKRING

2 BALL SLEEVE 1 SLEEVE

2 RUBBER RING

2 RUBBER RING SBR

2 CASING COVER CR

MATERIAL

DUCTILE IRON
DUCTILE IRON

DUCTILE IRON

DUCTILE IRON

DUCTILE IRON

DWG. NO. B2295-B	SIZE B	REV. NO.	SCALE NTS	1 OF 1

2 CASING PIECE DUCTILE IRON

SBR