



SEE SHEET 2 FOR NOTES

SUBMITTED FOR APPROVAL	DESIGN DATA	LIST OF MATERIAL			
	MEDIA:				
OPERATING PRESSURE :	PSIG				
DESIGN PRESSURE:	150 PSIG				
DESIGN TEMPERATURE:	500°F				
(TEST PRESSURE IS 1.5 X DESIGN)		3	2	PIPE STANDARD WEIGHT	A53 GR-B
		2	1	FLOW LINER	A240-304
		1	1	MULTI PLY BELLOWS, LAMINATED	A240
		ITEM	QTY	DESCRIPTION	MATERIAL

**SUBMITTAL 1502
SINGLE, WELD END, 150 PSI**



Hyspan Precision Products, Inc. Tel 619-421-1355
 1685 Brandywine Avenue Fax 619-421-1702
 Chula Vista, CA 91911 websales@hyspan.com

ITEM	PART NUMBER	NOMINAL SIZE (IN)	QUANTITY	AXIAL COMPRESSION (IN)	LENGTH A (IN)	AXIAL SPRING RATE (LB/IN)	EFFECTIVE AREA (SQ IN)	WEIGHT (LB)	TAG
	1502-131-2	2		2	10.5	58	4.1	3	
	1502-131-3	2		3	13.5	43	4.1	4	
	1502-135-2	2 1/2		2	10.5	72	5.8	5	
	1502-135-3	2 1/2		3	13.5	54	5.8	7	
	1502-140-2	3		2	10.5	93	8.8	6	
	1502-140-3	3		3	13.5	70	8.8	9	
	1502-148-2	4		2	10.5	207	15.4	9	
	1502-148-3	4		3	13.5	155	15.4	13	
	1502-155-2	5		2	10.5	253	23.5	12	
	1502-155-3	5		3	13.5	190	23.5	17	
	1502-160-2	6		2	10.5	464	33.3	16	
	1502-160-3	6		3	13.5	348	33.3	23	
	1502-167-2	8		2	10.5	434	56.8	24	
	1502-167-3	8		3	13.5	325	56.8	35	
	1502-174-2	10		2	11.0	548	87.2	34	
	1502-174-3	10		3	14.0	411	87.2	49	
	1502-180-2	12		2	11.0	818	122	40	
	1502-180-3	12		3	14.0	614	122	58	
	1502-181-2	14		2	11.0	809	152	43	
	1502-181-3	14		3	14.0	607	152	63	

NOTES:

1. MANUFACTURED BY AN EJMA REGISTERED COMPANY.
2. ALL WELDING PER THE ASME BOILER & PRESSURE VESSEL CODE SECTION IX.
3. FIVE (5) YEAR LIMITED WARRANTY.
4. ALIGNMENT GUIDES, ANCHORS AND SUPPORTS REQUIRED FOR CORRECT OPERATION & WARRANTY.
5. INSTALLATION MISALIGNMENT 1/8"

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PREPARED BY:

DATE:

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