



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)	4	2	FLANGE PLATE DRILLED TO ANSI B16.5	A36
		3	2	PIPE STANDARD WEIGHT	A53 GR-B
		2	1	FLOW LINER	A240-304
		1	1	MULTI PLY BELLOWS, LAMINATED	A240-304
		ITEM	QTY	DESCRIPTION	MATERIAL

**SUBMITTAL 1504
FIXED & LAPJOINT FLANGES, 150 PSIG**



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
	1504-131-2	2		2	11.0	58	4.1	13	
	1504-131-3	2		3	14.0	43	4.1	15	
	1504-135-2	2 1/2		2	11.0	72	5.8	19	
	1504-135-3	2 1/2		3	14.0	54	5.8	21	
	1504-140-2	3		2	11.0	93	8.8	23	
	1504-140-3	3		3	14.0	70	8.8	25	
	1504-148-2	4		2	11.0	207	15.4	30	
	1504-148-3	4		3	14.0	155	15.4	35	
	1504-155-2	5		2	11.0	253	23.5	37	
	1504-155-3	5		3	14.0	190	23.5	42	
	1504-160-2	6		2	11.0	464	33.3	44	
	1504-160-3	6		3	14.0	348	33.3	51	
	1504-167-2	8		2	11.0	434	56.8	63	
	1504-167-3	8		3	14.0	325	56.8	74	
	1504-174-2	10		2	11.5	548	87.2	102	
	1504-174-3	10		3	14.5	411	87.2	117	
	1504-180-2	12		2	11.5	818	122	136	
	1504-180-3	12		3	14.5	614	122	154	
	1504-181-2	14		2	11.5	809	152	147	
	1504-181-3	14		3	14.5	607	152	166	

- 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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