

## MASON INDUSTRIES, Inc. MERCER RUBBER Co.

350 Rabro Drive, Hauppauge, NY 11788 Mason-631/348-0282 • Info@Mason-Ind.com Mercer- 631/582-1524 • Info@Mercer-Rubber.com FAX 631/348-0279



JOB NAME
CUSTOMER
CUSTOMER P.O.
MASON M.
DWG No.

SS HOUSÉD **EXPANSION** JOINT with **WELD ENDS** 

ALL COMPONENTS STAINLE	MOVING GUIDE OVERALL	3.5 Minimum Sa		CUL)US
OUTER HOUSING RING AT CG  8" (200mm) COMPRESSION 1.5" (38mm) EXTENSION	FLANGE LENGTH	FIXED END	ū	WATER QUALITY DRINKING WATER SYSTEM COMPONENT RINNEX G of ANSI / NSF 61 (4RV6)
MOVEMENT SCALE ME		Inside Juside	2 PLY BELLOWS Sizes 2 to 3— 4 Section Sizes 4 to 6— 3 Section Sizes 8-14—2 Sections Clearance on both sides to eliminate wear	S
	Solida Anna Anna Anna Anna Anna Anna Anna An	BELLOWS CLEARANCE	Conforms to UL and Approved Temperatur	
* The state of the	Release after installation HEJ Size   Bolt No & Size	NPT DRAIN PORT (Coupling and Plug)	Full Vacuum Rating-	30" ( <i>762mm</i> ) Hg
STANDARD MOVING WEIGHT PIPE END BEVELED WELD ENDS	2" 2 - 3/8" 21/2" - 3" 2 - 1/2" 4" - 6" 3 - 5/8" 8" - 14" 3 - 3/4"	HEJ Size Plug Size  2"-3" 3/8"  4"-14" 1/2"	Drain Plugs are often re attachment of drain hose or drainage.	moved to allow e for blow down

## HEJW8-SS-NSF DIMENSIONS AND PRESSURE RATINGS (American & Metric Units) 8" (200mm) COMPRESSION, 1.5" (38mm) EXTENSION

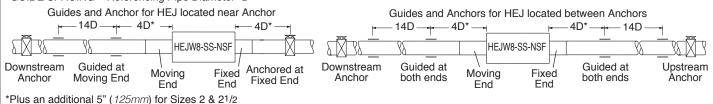
Pi Si: (in)		Over Leng (in) (i		Movir Neutra	IE ng End I Length (mm)	Fixe	E d End ngth (mm)	Out Hous O.I (in)	sing	Insig	Clea	Bellov rance Outs (in)		Spr Ra ( <u>lbs</u> in		Thru 200 psi (lbs)	13.8 bar (kg)	Pre @70°F	ated ssure @21°C (kg/cm²)	Sh W (lbs)	
2	50	40	1016	91/2	241	11/2	38	59/16	141	0.39	10	0.39	10	83	15	2500	1134	225	16	86	39
21/2	65	40	1016	91/2	241	11/2	38	59/16	141	0.25	6	0.25	6	118	21	2700	1225	225	16	94	43
3	80	40	1016	91/2	241	11/2	38	65/8	168	0.32	8	0.33	8	120	22	3900	1769	225	16	114	52
4	100	40	1016	91/2	241	11/2	38	85/8	219	0.49	12	0.35	9	150	27	6900	3130	225	16	156	71
5	125	421/2	1080	10	254	21/2	64	95/8	244	0.39	10	0.41	10	200	36	9500	4309	225	16	170	77
6	150	421/2	1080	10	254	21/2	64	103/4	273	0.39	10	0.39	10	250	45	12600	5715	225	16	275	125
8 10 12 14	200 250 300 350	421/2 421/2 421/2 451/2	1080 1080 1080 1156	10 10 10 10	254 254 254 254	21/2 21/2 21/2 21/2	64 64 64 64	123/4 16 18 20	384 406 457 508	0.39 0.53 0.42 0.43	10 13 11 11	0.39 0.53 0.41 0.42	10 13 10 11	300 400 588 700	54 72 105 125	19000 30000 40000 64000	8618 13608 18144 29030	225 225 225 225	16 16 16 16	430	

Lower Thrust Forces in proportion at lower pressures, i.e. 100 psi Force = 100/225 x published Thrust. Forces on Pipe Anchors must include Thrust Force and Spring Force. Spring Force is determined by multiplying the joint Spring Rate by its Thermal Movement. (in/mm)

HEJ's installed in piping systems must be anchored on both sides of the joint. HEJ's installed in unanchored piping must have control rods.

When using HEJW-SS-NSF products in copper or brass water systems, dielectric unions must be used on each end to prevent leakage from galvanic action.

GUIDE SPACING - Referencing Pipe Diameter "D"



QTY	SIZE	TAG		QTY	SIZE		TAG				
Certificat	tion Form S-5045 07/201	3 DWN	CHKD	DA	TE	DWG No.					