



Model : JF-400SP

Multiply bellows for high
Pressure with internal sleeve

FEATURES :

STAINLESS STEEL MULTIPLY BELLOWS WELDED WITH SS400 TUBE END.
INTERNAL SLEEVE IS STAINLESS STEEL.

DESIGNED TO ACCOMMODATE AXIAL MOVEMENT OF PIPELINE IN HIGH
WORKING PRESSURE AND HIGH WORKING TEMPERATURE.

INSTALLATION :

HEATING NO NEED ELONGATION TO GETTING COMPRESSION 50 mm.
OR 75 mm. COOLING NEED COMPERSION 50 mm. OR 75 mm.
TO GETTING EXPANSION 50 mm. OR 75 mm.

BILL OF MATERIALS :

NO.	PART NAME	MATERIAL
1	FLANGE	SS400/SUS304/SUS316
2	SHORT PLPE	SUS304/SUS316
3	COLLAR	SUS304/SUS316
4	CORRUGATED HOSE	SUS321/SUS304/SUS316

PRESSURE TEMPERAYURE RATING WITH ISO -15348 :

BAR	TEMPERATURE IV DEGREE C					
	~120 °C	150 °C	200 °C	250 °C	300 °C	350 °C
PN25	25	22.85	20.89	19.58	18.61	17.62
PN16	16	14.62	13.37	12.53	11.91	11.28

SPECIFICATION :

NORMINAL BOR		TOTAL LENGTH		BELLOWS				AXIAL MOVEMENT		WORKING PRESSURE		AXIAL SPRING RATE		EFFECTIVE AREA	
mm	Inch	mm	Inch	O.D.	NO.	CORR.	PLY	mm	Inch	bar	psi	N/mm	cm ²	Inch ²	
40	1 1/2	360 515	14.17 20.28	58.0	2.28	32 48	2	-50 -75	2 3	25	363	14.17 20.28	25	25	
50	2	350 515	14.17 20.28	73.0	2.85	24 36	2	-50 -75	2 3	25	363	14.17 20.28	25	25	
65	2 1/2	360 515	14.17 20.28	90.0	3.56	20 30	2	-50 -75	2 3	25	363	14.17 20.28	25	25	
80	3	360 515	14.17 20.28	104.5	4.11	20 30	2	-50 -75	2 3	25	363	14.17 20.28	25	25	
100	4	360 515	14.17 20.28	132.0	5.20	16 24	2	-50 -75	2 3	25	363	14.17 20.28	25	25	
125	5	360 515	14.17 20.28	161.0	6.34	15 23	2	-50 -75	2 3	25	363	14.17 20.28	25	25	
150	6	360 515	14.17 20.28	190.0	7.48	14 21	2	-50 -75	2 3	25	363	14.17 20.28	25	25	
200	8	360 515	14.17 20.28	250.0	9.84	13 19	2	-50 -75	2 3	16	232	14.17 20.28	16	16	
200	8	360 515	14.17 20.28	250.0	9.84	13 19	3	-50 -75	2 3	25	363	14.17 20.28	25	25	
250	10	360 515	14.17 20.28	312.0	12.28	12 18	2	-50 -75	2 3	16	232	14.17 20.28	16	16	
250	10	360 515	14.17 20.28	312.0	12.28	12 18	3	-50 -75	2 3	25	363	14.17 20.28	25	25	
300	12	360 515	14.17 20.28	364.5	14.35	12 18	2	-50 -75	2 3	16	232	14.17 20.28	16	16	
300	12	360 515	14.17 20.28	364.5	14.35	12 18	3	-50 -75	2 3	25	363	14.17 20.28	25	25	

OTHER MOVEMENT,SIZES,AND PRESSURE JOINT AVAILABLE ON REQUEST