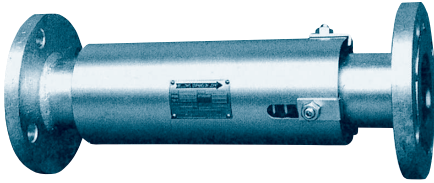


Bellows type

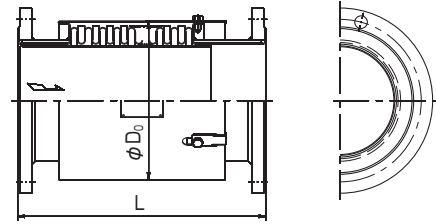
Type JOB40, JOB41 Bellows Expansion Joints

Construction

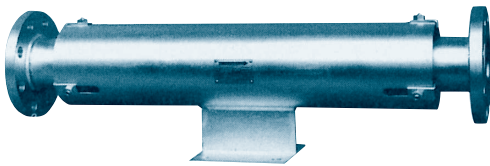
Single type (JOB40)



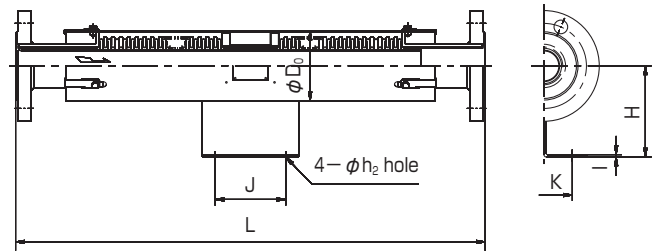
Single type (JOB40)



Double type (JOB41)



Double type (JOB41)



Features

- Bellows made of anti corrosive material SUS316L (low carbon stainless steel)
- Parts for fluid contact made of stainless steel
- No leakage because packing is not used.

Specifications

Size	20—300A
Max. allowable pressure	2.0MPa
Hydrostatic pressure	3.0MPa
Max. allowable temperature	220°C
Fluid	Steam, water, oil and non-corrosive gas
Connection	Flanged JIS20K

Part name	Material	Part name	Material
Flange lagging	SUS316L Stainless steel	Tie bolt	SS400 Carbon steel
Flange	SS400 Carbon steel	Tie plate (20—300A)	SPHC or S400 Carbon steel
External cover	SPHC or SS400 Carbon steel	Ring	SS400 Carbon steel
Bellows	SUS316L Stainless steel	Anchor base	SS400 Carbon steel
Internal sleeve	SUS316L Stainless steel		

Dimensions and weights

(mm, kg)

Type		Single type : JOB40														Double type : JOB41																													
Part	Size	20	25	32	40	50	65	80	100	125	150	200	250	300	20	25	32	40	50	65	80	100	125	150	200	250	300																		
Setting length L		365					415				440			465		565		680				780			880		930		980		1130														
Max. allowable length L ₁		375					425				450			475		575		700				800			900		950		1000		1150														
Min. allowable length L ₂		340					390				415			440		540		630				730			830		880		930		1080														
Max. displacement δ		expansion (δ e) : 10 contraction (δ c) : 25														expansion (δ e) : 20(one side : 10) contraction (δ c) : 50 (one side : 25)																													
Anchor base	K	—														60		70		80		100		110		130		150		180		220		280		300									
	J	—														100						120						160				180		200											
	H	—														100		120		130		140		150		170		200		220		250		300		350									
	I	—														3.2				4.0				4.5				25																	
	Bolt hole dia h ₂	—														12				15				19				23		25		27													
	Bolt	—														M10				M12				M16				M20		M22		M24													
D ₀		58		73		98		110		136		162		212		235		292		333		387		61		76		102		140		165		216		236		236		293		334		387	
Weight		3.5	4.5	5.6	6.0	8.9	12	17	22	35	46	60	90	139	6	8	10	11	15	22	30	40	65	80	105	150	250																		

Notice

Expansion joint should be used in extent of allowable length.
In case it exceeds allowable length, please check and modify guide and anchor.