

METAL BELLOWS

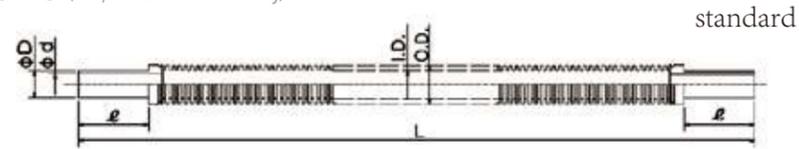
JBL Series



TECHNICAL PARAMETERS

ITEM	DESP.
Pipe End Material	SS 316L /316L VAR
Bellow Material	SS 316L
Working Pressure	Vacuum ~ 0.5 Mpa
Working Temperature	-50~350°C/-58~662°F
Runner Surface Roughness	EP Ra ≤ 0.7 μm (27.5 μin.)
Leakage Rate (Helium)	External: ≤ 1.33x10 ⁻⁹ atm.cc/Sec He
Cleaning	Continuous monitoring of deionized water and ultra-high purity cleaning using ultrasonic cleaning systems
Assembly Environment	In ISO Class 6 or Class 5/Federal Class 1000 or 100 cleanroom

DIMENSIONS (mm/inches for reference only)



Series	Port Type	Port Size	Inside ID	Outside ID	D Connector	D Thickness	e Length	Total Length (cm)	Bending Radius	
									A	B
JBL	JBL-ID04	1/4"	6.30 0.24	10.60 0.42	6.35 0.25	0.89 0.03	20.00 0.78	20	25 0.98	80 3.15
								30		
								40		
	JBL-ID06	3/8"	10.00 0.39	14.20 0.55	9.52 0.37	0.89 0.03	25.00 0.98	20	38 1.49	130 5.12
								30		
								40		
	JBL-ID08	1/2"	12.10 0.47	16.80 0.66	12.70 0.5	1.24 0.05	30.00 1.18	20	45 1.77	140 5.51
								30		
								40		

ORDERING DESCRIPTION

JBL-ID04- JCR 04-JCR 04- 20-SL-E

SERIES	ID	PORT 1&2 TYPE	PORT 1&2 SIZE	TOTAL LENGTH (CM)	JOINT MATERIAL	POLISHING
JBL	ID04 ID06 ID08	JCR Male VCR Fitting FJCR Female VCR Fitting OD Straight Pipe	04 1/4" 06 3/8" 08 1/2"	20 30 40 50 60 80	SL SS 316L DR 316L VAR	Passivation E Electropolished

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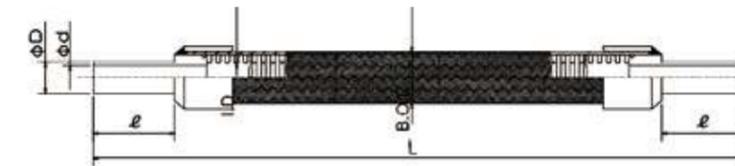
JHG Series



TECHNICAL PARAMETERS

ITEM	DESP.
Pipe End Material	SS 316L /316L VAR
Bellow Material	SS 316L
Working Pressure	Vacuum~1.6Mpa (EP grade)/Vacuum~21Mpa (GP grade)
Working g Temperature	-50~350°C/-58~662°F
Leakage Rate (Helium)	External: ≤ 1.33x10 ⁻⁹ atm.cc/Sec He
Cleaning	Ultra high purity cleaning in continuously monitored ultrasonic cleaning system with deionized water
Assembly Environment	In ISO Class 6 or Class 5/Federal Class 1000 or 100 cleanroom
Application occasions	EP Level/GP level

DIMENSIONS (mm/inches for reference only)



Series	Port Type	Port Size	Inside ID	Outside ID	D Connector	D Thickness	e Length	Max. Working Pressure (psi)	Bending Radius	
									A	B
JHG	JHG-ID04	1/4"	6.00 0.23	11.00 0.43	6.35 0.25	0.89 0.03	20.00 0.78	3100	25 0.98	80 3.15
								1600		
	JHG-ID06	3/8"	8.00 0.31	14.00 0.55	9.52 0.37	0.89 0.03	25.00 0.98	2000	38 1.49	130 5.12
								1470		
	JHG-ID08	1/2"	10.00 0.39	17.00 0.67	12.70 0.5	1.24 0.05	30.00 1.18	1800	45 1.77	140 5.51
								1110		

ORDERING DESCRIPTION

JHG-ID04- JCR 04-JCR 04- 20-3100-PBL16-SL-GS20-E

SERIES	ID	PORT 1&2 TYPE	PORT 1&2 SIZE	TOTAL LENGTH (CM)	WORKING PRESSING (PSIG)	INTERFACE SIZE	JOINT MATERIAL	WIRE WITH FIXING	POLISHING
JHG	ID04 ID06 ID08	JCR Male VCR Fitting FJCR Female VCR Fitting OD Straight Pipe	04 1/4" 04 3/8" 06 3/8" 08 1/2"	20 30 40 50 60 80	3100 (ID04 double-layer woven layer) 1600 (ID04 single-layer woven layer) 232 (ID04 single-layer woven layer) 2000 (ID06 double-layer woven layer) 1470 (ID06 single-layer woven layer) 232 (ID06 single-layer woven layer) 1800 (ID08 double-layer woven layer) 1110 (ID08 single-layer woven layer) 232 (ID08 single-layer woven layer)	standard PBL16 Customized connector length (e=10mm)	SL SS316L DR 316L VAR	without GS20 Steel wire is longer than the tube 20cm longer at both ends	Passivation E Electropolished

(EP grade corrugated pipe with braided layer maximum working pressure of 1.6Mpa)

(Indicating that the steel wire is 20cm longer than both ends of the pipe, and a steel wire fastener is added)