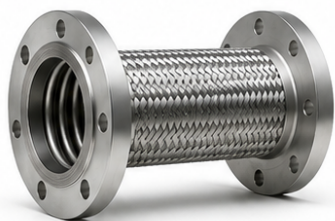


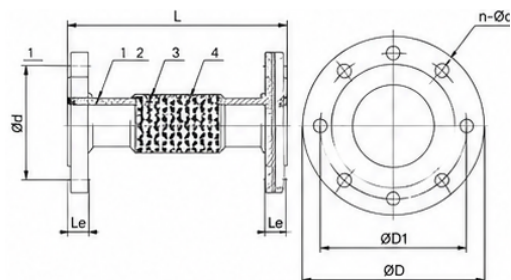


JR Stainless Steel Flexible Metal Hose

Model JR | Standard stock + fast custom production



JR flanged braided metal hose configuration



1 Flange | 2 Connection neck | 3 Braid | 4 Corrugated hose
Construction & dimension reference

Key Supply & Configuration Data

Size	DN8-DN400 reference range; custom sizes to project requirements
Design Pressure	0.25-6.4 MPa overall range; final rating by selected configuration
Design Temperature	-20 C to +400 C overall range; final rating by selected configuration
Materials	Corrugated hose SS304 / 316L; braid SS304; fittings SS304 / 316
Construction	Corrugated metal hose + stainless steel braid
Connection	Flanged standard; weld-neck flange, threaded and other ends available
Overall Length	Standard or custom assembly length to approved drawing
Production	Common sizes in stock + fast custom production

Stock & Custom Production

- Common sizes and standard configurations are kept in stock for immediate shipment.
- Custom assemblies can enter production the same day after length and end-connection details are confirmed.
- Size, length, material, braid and End A / End B connections can be made to project requirements.



Dimensions & Minimum Bending Radius

Standard JR hose dimension reference. All values below are in mm.

Reference Dimensions

R = minimum bending radius

DN	I.D. d	Hose O.D.	Braided O.D.	R Static	R Dynamic
8	8.8	13.2	14.4	50	110
10	11.7	16.5	17.7	65	145
15	13.5	19.5	21.1	80	180
20	20.0	27.0	28.6	120	270
25	27.0	34.5	36.1	160	360
32	32.0	40.0	41.6	175	400
40	39.6	52.0	53.6	225	510
50	49.7	62.0	63.6	280	640
65	61.2	80.2	81.8	410	915

DN	I.D. d	Hose O.D.	Braided O.D.	R Static	R Dynamic
80	79.0	96.3	97.9	486	1030
100	101.2	119.6	121.2	610	1340
125	124.1	145.3	146.9	700	1540
150	149.4	180.8	182.4	810	1780
200	176.0	240.0	243.2	1000	2000
250	248.0	290.0	294.0	1250	2500
300	298.0	350.0	354.0	1500	3000
350	347.0	400.0	404.8	1750	3500
400	397.6	460.0	464.8	2000	4000

Reference dimensions only. Final pressure capability and minimum bend radius are confirmed for the selected hose, braid, material, length and service conditions.

For moving service, routing geometry and the required static or dynamic bend radius must be confirmed before production.

End Connection Options



End A and End B can be configured independently to project requirements.

Fast Supply & RFQ

- Stock: common sizes available for immediate shipment.
- Custom: same-day production scheduling after configuration confirmation.
- RFQ: DN / length / medium / pressure / temperature / End A / End B / qty.

Installation note: Do not use a straight braided hose as an axial expansion joint by compressing or stretching the assembly.

For detailed technical requirements, custom configurations or project questions, please contact us.