

Manway Nozzle

Large-diameter access opening with cover, davit and sealing arrangement.

Manway nozzles provide personnel access for inspection, cleaning and maintenance. The assembly includes a reinforced shell opening, a bolted or hinged cover, a spiral wound gasket and, where specified, a davit arm for safe cover handling.

KEY FEATURES

- Large-diameter access opening
- Bolted, hinged or quick-access cover
- Davit arm for cover handling
- Spiral wound or rubber gasket sealing

SPECIFICATION

ITEM	VALUE
Size range	18–24 in
Pressure class	Class 150–300
Cover type	Bolted, hinged, davit
Gasket	Spiral wound or rubber profile
Reinforcement	Integral or pad, per ASME VIII
Inspection	Dimensional, fit-up, NDE on request

STANDARDS AND MATERIALS

Standards: ASME Section VIII Div. 1; ASME B16.20; ASTM A516 / A105.

Materials: ASTM A516-70; ASTM A105; ASTM A182 F316L.

ORDERING RANGE

Representative configurations. The full size, material and connection range is confirmed on the order acknowledgement.

SIZE	CLASS	COVER	MATERIAL	PART NUMBER
18"	150	Bolted	A516-70	BGI-MW-1800-150-A516
20"	150	Hinged	A516-70	BGI-MW-2000-150-A516
24"	150	Bolted	F316L	BGI-MW-2400-150-F316L
24"	300	Davit	A516-70	BGI-MW-2400-300-A516

APPLICATIONS

- Pressure vessels
- Storage tanks
- Reactors
- Inspection openings

ORDERING NOTES

Confirm size, pressure class, facing or connection, material and quantity when ordering. For critical service, include the project specification, NDE requirements and documentation package. Alternative materials, coatings, tappings and special dimensions are quoted on request.

Range: Nozzles. Document reference: DS-MANWAY-NOZZLE · Rev. 04.

Ordering and technical support

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Quotations are prepared against the released specification. Certified drawings are issued with the order.