

Hydraulic Rotary Manifold DA SERIES



Seals patented by BINI in the cylinder, with the benefit of achieving "0" leakage and longer seal life.

Rated pressure up to 42 MPa (420 bar) - 6000 psi

Model		N° of Channels	G 1/4	G 3/8	G 1/2	G 3/4	G 1
DA 045/02		2		2			
DA 045/04		4	2	2			
DA 060/02		2			2		
DA 060/04		4		2	2		
DA 060/06		6	6				
DA 085/02		2				2	
DA 085/02-01		2					2
DA 085/04		4				4	
DA 085/04-01		4			2		2
DA 085/06		6	2		2	2	
DA 085/08		8	6	2			
DA 100/04		4				2	2
DA 100/05		5			2	2	1
DA 100/06		6			2	4	
DA 100/07		7		4		3	
DA 110/05		5			2	1	2
DA 110/07		7		3	2		2

For further information please contact our Technical Dept.

Products

In almost all applications they are used on, rotary manifolds are needed for transmitting fluids (hydraulic, water, diesel) between a stationary and a rotating part. Since each application has different requirements, we have developed an extensive selection of various models to choose from, and to be used on mobile, off-shore, agricultural, industrial, concrete pump application and special products for Pipe-Laying Machine. The first step in manufacturing a rotary manifold is the selection of high grade alloyed steels raw materials and assembly components such as seals, bolts, bearings, bushings. The second step is to perform rigorous inspections of raw materials and assembly components to ensure they meet our quality standards. The third step is the actual manufacturing and machining process. In these phases, BINI utilizes and adopts specific techniques and knowledge that are part of decades of experience and well trained personnel. The fourth and final step is the assembly, painting and specific surface protection requirements, electric swivels assemblies if required, testing, packaging and shipping. After sales service can be handled directly with customers, or through our dealership network.

Features

- Rated pressure up to 420 Bar – 6000 PSI
- Rotation speed 0-12 rev/min
- Temperature range: -10 °C / + 80 °C 14 °F / 176 °F
- Recommended location: along the vertical axis
- No axial or radial loads are permitted on rotary manifolds
- When supplied, ports are plugged with polyethylene caps
- Large number of models to choose from
- Customer specific designs, even for demanding applications
- Combinations of various ports sizes and electrical ratings
- The most modern and manufacturing processes backed by best material used and optimized selections guarantee our final products the highest quality and reliability

Options

- Electrical/encoders designed and manufactured by BINI
- Painting and special coatings
- Chemical nickel treatments and stainless steel materials for marine and food applications
- SAE ports and code 62

Applications

- Agricultural machinery
- Earth moving machines
- Truck cranes and hoisting
- Aerial platform
- Marine and off-shore cranes
- Boring and drilling machines
- Demolition and recycling machinery
- Truck mounted concrete mixer pump
- Industrial machinery
- Oil & Gas

Order code

The BINI hydraulic rotary manifolds are identified by an acronym made up in the following way:

BINI	DI	100	/	10	6XG1 / 2XG3 / 4,2XG1
					Dimension of ports (G1/4, G3/8 ...)
					Number of Channels 2-18
					Reference size (45, 60, 70, 85, 92...)
					Rotary manifold series (DA, DI, DM, DPC)
Unvarying prefix					

Example:

To order a rotary manifold with 10 ports: 6 x G 1/2, 2 x G 3/4, 2 x G 1, from the tables you can find series, size and the correct code:

CODE= BINI DI 100 / 10 (6 x G 1/2, 2 x G 3/4, 2 x G 1)

To order a rotary manifold with 4 ports: 2 x G 1/2, 2 x G 1, from the tables you can find series, size and the correct code:

CODE= BINI DA 085/04-01 (2 x G 1/2, 2 x G 1)