

BENCOR (Pty) Ltd.

Seated valves



Directional seated valve bank type BVZP

The valve bank type BVZP consist of a connection block (with ports P and R), the directional seated valves type VZP installed on sub-plates and connected in parallel plus the end plate. The whole valve bank is held together with two tension rods.

Depending on the type, the sub-plate feature optional functions i.e. restrictor check valves and / or pressure reduction valves covering only the corresponding valve section. Pressure switches may be incorporated directly at the valve section.

These valve banks may be either directly connected to a pipe system via the connection block (with or without pressure limiting valve) or installed directly onto hydraulic power packs (type HK, HC, MP, FP and R) or other valve banks utilizing an adapter plate.



Various end plates featuring e.g. pressure switch for gallery P etc. widen the field of application for this valve banks. All this, together with our hydraulic power packs enable hydraulic control systems with low spatial requirements.

Nomenclature: Directional seated valve, leakage free

Design: Valve bank
 • for pipe connection
 • combination with hydraulic power packs

Actuation: Solenoid

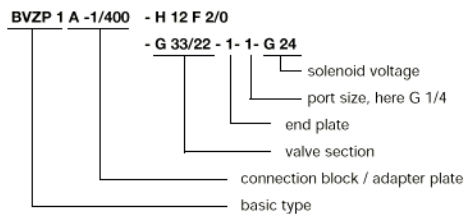
p_{max}: 450 bar

Q_{max}: 15 l/min

Basic types and general parameters

Basic type and size	Flow Q _{max} l/min	Oper. pressure p _{max} (bar)	Tapped ports A, B, P, R, M
BVZP 1	15	450	G 1/4

Order coding example



Connection blocks / adapter plates

Basic type	Brief description	Flow pattern
A-1/...	for pipe connection, with tool adjustable pressure limiting valve (/-...- pressure spec. in bar)	A-1/...
F	for direct mounting on to hydraulic power packs with connection block (type HK, HC, MP, FP), prepared for retrofitting of one or two pressure switches connected to gallery P	F

Additional versions von connection blocks / adapter plates

- Connection block for pipe connection with pressure limiting valve and / or accumulator drain valve prepared for retrofitting of a pressure switch
- Connection block for pipe connection with manually adjustable pressure limiting valve
- Connection block for pipe connection without pressure limiting valve
- Connection blocks for direct mounting on to hydraulic power packs with 3-way prop. flow control valve and optional sequence valve in gallery R