BENCOR (Pty) Ltd.

Hydraulic cylinders



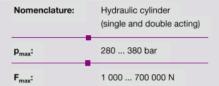
Hydraulic cylinders type BZ, P, PF and PS

Our product range covers single acting cylinders type BZ as well as double acting cylinders type P, PF, PS.

Type BZ is non self returning and retracts by means of external forces. They are either mounted on their facial side or with bolts via cross drillings in the cylinder. The double acting cylinders type P, PF, PS are hydraulically extended and retracted. The mounting is on the facial side with type P, by means of a flange welded at the area of the rod guide with type PF and with eye type bearings with type PS

Forces of up to 70 tons with strokes of up to 1800 mm can be achieved, depending on piston diameter and cylinder length. There are also special

versions with reduced or increased stroke.





Basic types and general parameters Basic type Stroke_{max} \mathbf{F}_{\max} Pressure Connection Symbol and size (mm) (N) 1) p_{max} (bar) thread Single acting 800 12000 380 25 24000 30 800 G 1/2 ΒZ 36 1200 32000 350 45 58000 1200 1200 90000 70 1500 120000 300 85 1500 170000 300 Double acting 25000 30/20 800 42000 50/36 1000 70000 350 Р 65/45 1200 120000 G 1/2 80/55 1500 180000 100/70 1500 220000 280 120/85 1500 310000 280 140/100 1800 540000 350 1) pressure forces 160/120 1800 700000 350