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Двигатели с механическим тормозом серии GWM

Motor with mechanical brake GWM series



This motor is provided with a mechanical brake to ensure reliable braking, stopping and working.

The GWM series motor with the mechanical brake is a compact, low-speed and hightorque motor with a built-in pressure release type mechanical brake. The motor is designed so that brake is mechanically applied when the pilot pressure in the circuit is released. This ensures reliable braking and stopping, thereby providing work safety. Needless to say, a sufficient safety considerations are given; for example, brake is kept applied at all times when the hydraulic motor is stopped. Furthermore, faster and more reliable braking and stopping are provided

by using the hydraulic control valves (counterbalancing valve, counterbalancing brake valve, crossover relief valve, etc.) which can be directly coupled to this GWM series.

APPLICATION

- For ships: Braking of the boom winch, wire reel winch and side roller
- For industrial machinery: Positioning of carriers including belt conveyors. Preventing the screw of the injection molding machine from reverse rotation
- For vehicles: Braking of the truck crane winch. Prevention of drift when stopping the mini-back hoe swing unit. Prevention of the crawler from free running on the slope.

BRAKE SPECIFICATIONS

external pilot systems

Model	Braking torque	Brake release pressure
B20	196 N · m	1.96 MPa
B30	294 N · m	1.96 MPa