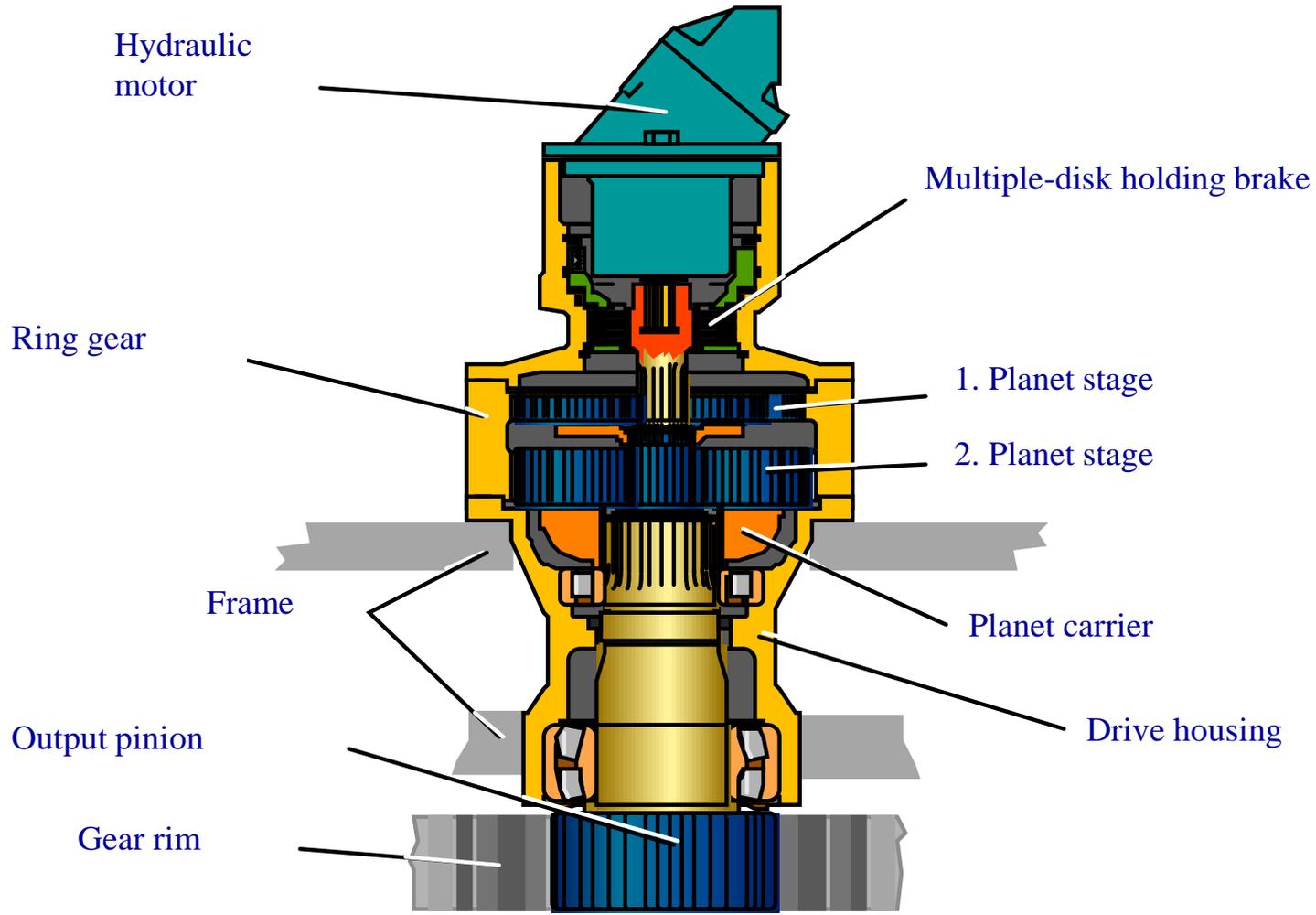


About

Reducer

of construction
machinery

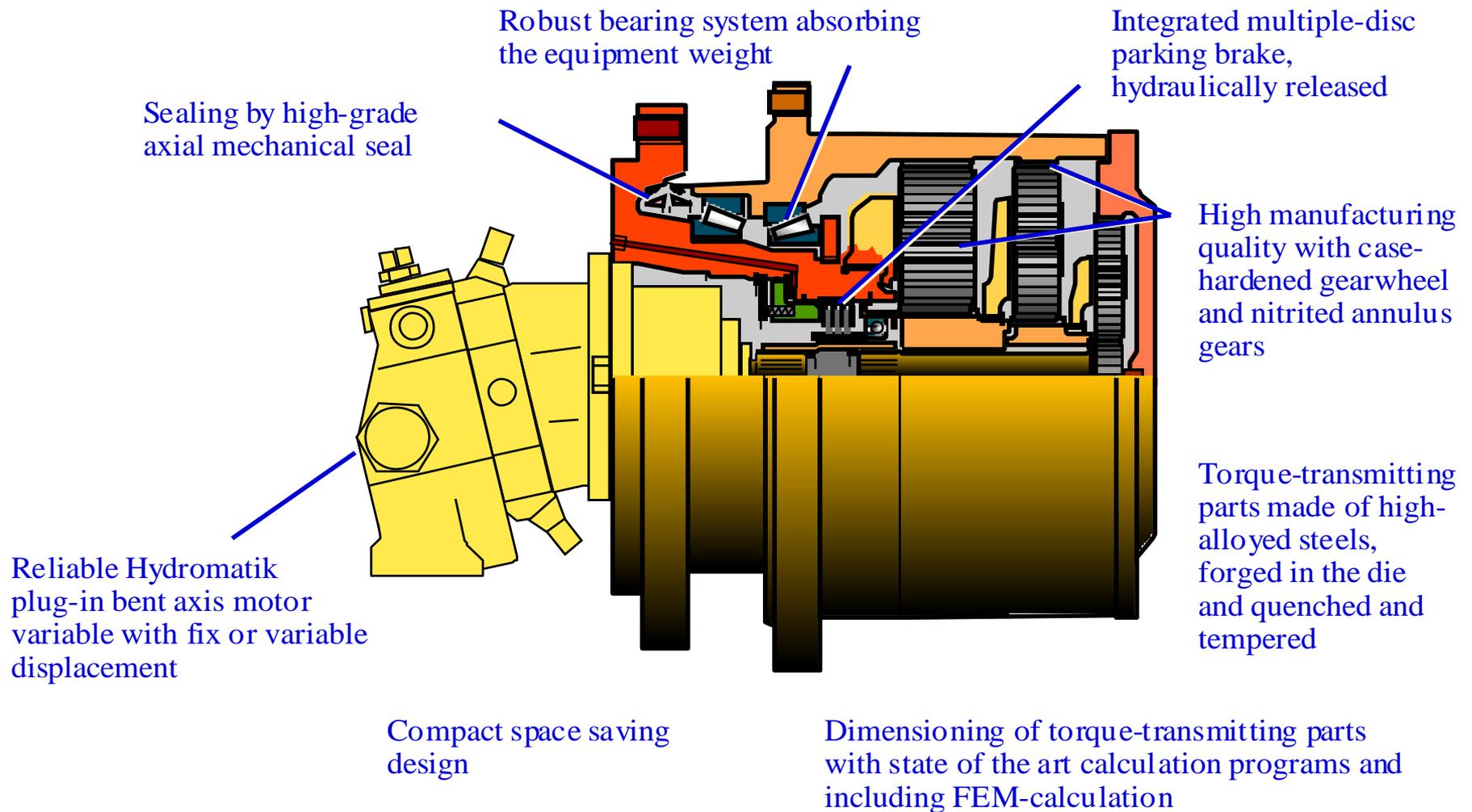
减速机



Main parts of reducer

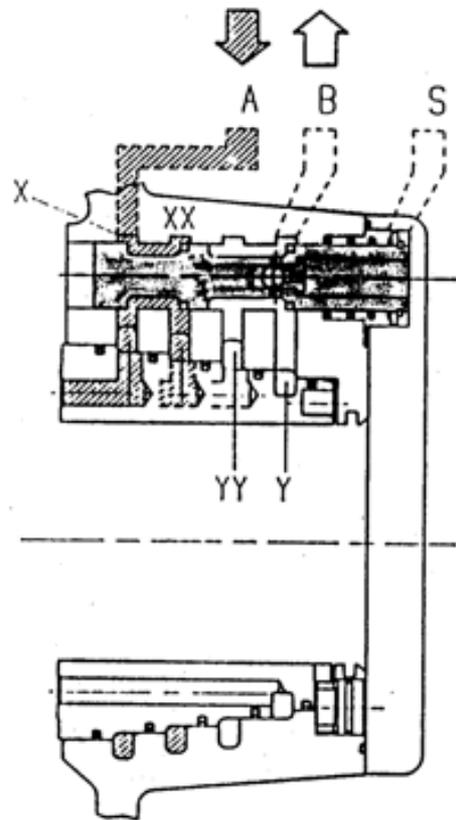
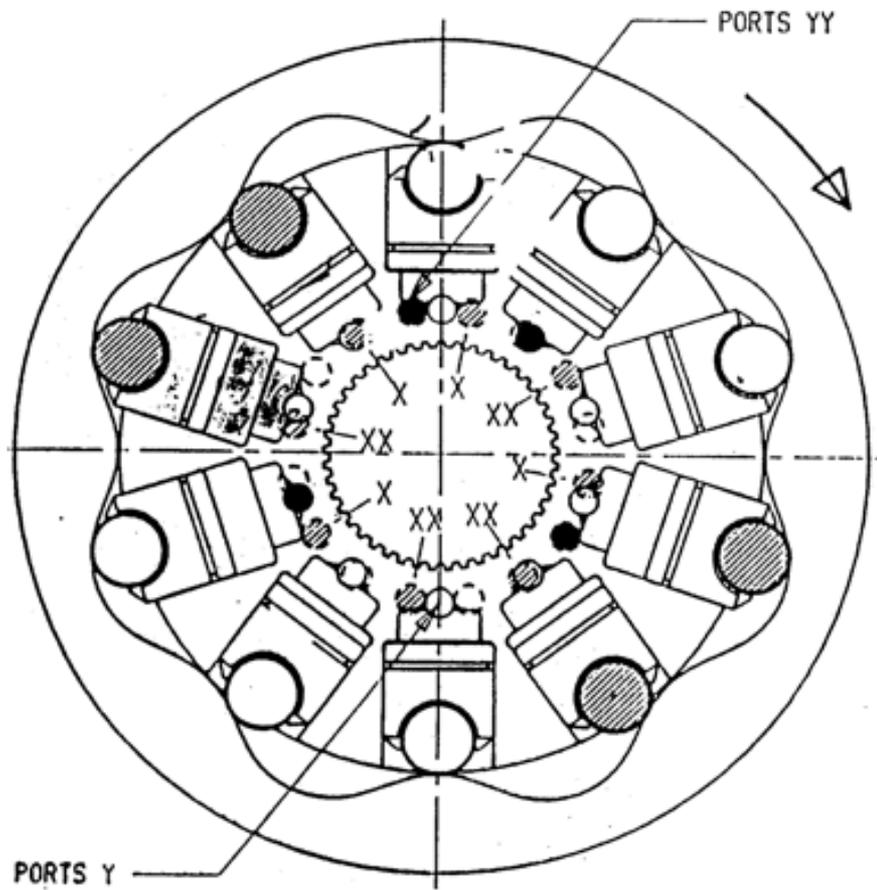
speed sensor	A speed sensor, flushing valve or speed control valve can be built into the rear housing.
service brake	MCR 3, MCR15 can be equipped with hydraulic control shoe brakes, and a mechanical control device is built in at the same time. Note that when ordering, please indicate the relative position of the brake control device. Generally, we use brake fluid, and we can also change it to mineral according to customer requirements. Oil.
parking brake	All motors can be installed with this type of brake. In the traveling system, the brake pressure oil can be taken from the oil supply circuit. The braking torque is 2000 to 27000 Nm. The pressure relief braking method ensures that the brake is always locked after the engine is turned off.

Reducer Types	Travel reducer
	Rotary reducer
	Hoist reducer
	General reducer

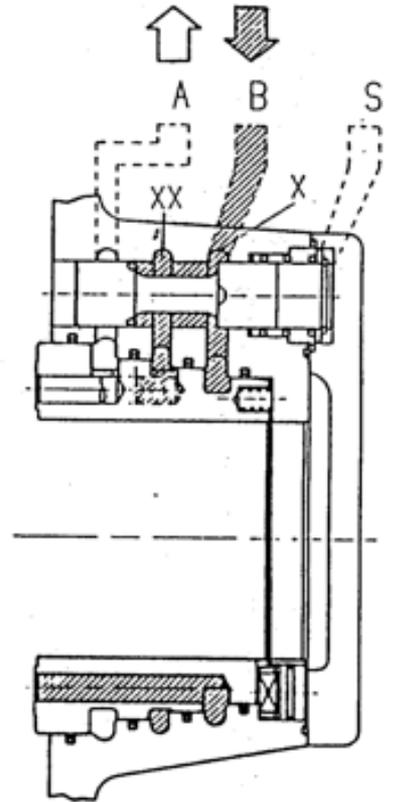


Application of reducer in construction machinery

excavator	traction mechanism
Crane	agricultural machinery
crawler crane	boarding bridge
roller	stabilized soil mixer
paver	drilling rig
bulldozer	railway machinery
Milling Machine	Wire machine
garbage compactor	truck
Marine equipment	free fall crane



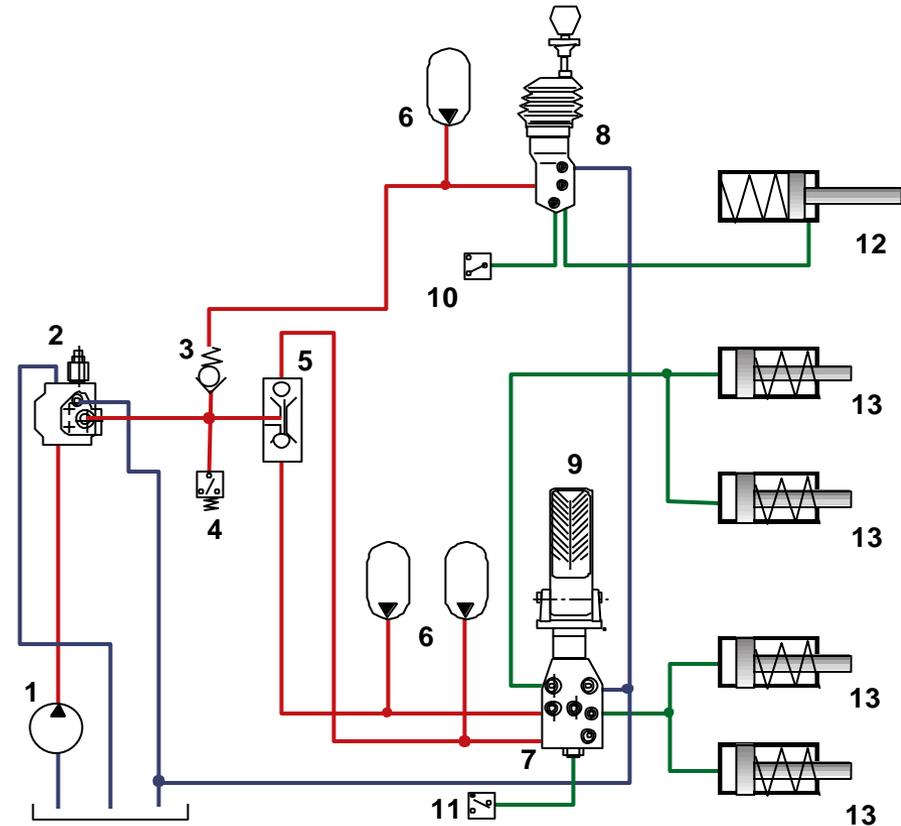
4 PORT DESIGN



3 PORT DESIGN

Dual circuit brake system

1. Pump
2. Accumulator charging valve
3. Check valve
4. Accum. pressure switch
5. Inverted shuttle valve
6. Hydraulic accumulator
7. 2- circuit power brake valve
8. Parking brake valve
9. Brake pedal
10. Warning switch P- brake
11. Brake light switch
12. Spring loaded brake cylinder (P)
13. Wheel brake cylinder



Advantages of the hydraulic power brake compared to a compressed air system

Hydraulic Power Brake	Compressed Air Brake
Power supply already on the machine	Air compressor and reservoir must be installed
Function immediately after engine start	Function only after complete charging of the air reservoir
No maintenance necessary	Regular check of reservoir and condensed water necessary
Sensitive function, even in heavy machines	Braking function has poorer sensitivity
Short response times, even at low temperatures (no risk of freezing)	Risk of freezing condensed water at low temperatures (and of brake failure)
Low space requirements, small brake cylinders	Compressor und vessel tale a lot of space
No piping necessary through compact manifold All brake functions collected in one component	Piping of every single component necessary

About

Changsha Part Sea Co., Ltd.

www.partssea.com