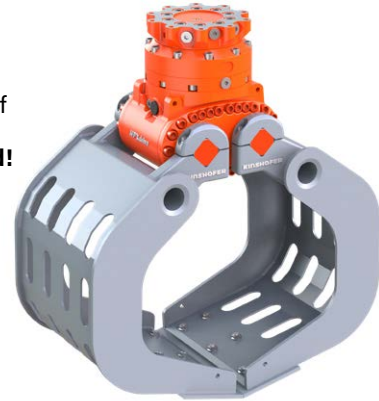


The new demolition and sorting grabs with the low maintenance **HPXdrive** for excavators up to 9t / 19,800lbs operating weight - THE universal tool for all kind of light demolition and sorting work.

- ▷ **HPXdrive** - the revolutionary concept for hydraulically operated grabs! The rotation of the arms of the grab is generated by two hollow shafts, which run opposed and have a helix thread, hydraulically driven by a single piston. **No hydraulic cylinder required!**
- ▷ **50% longer life cycle.** The drive unit runs in a permanent oil bath - no lubrication necessary. Resistant against dirt and blows, due to the compact design.
- ▷ New **improved shell design!** The perforated skin of the shells lets dust and fine gravel through - without larger pieces blocking the shell filter system.
- ▷ Including the flat 15t-rotator with **360° endless rotation** for precise positioning!
- ▷ **Constant closing force** (15,3 kN / 3,366 lbf at 26 MPa / 3,770 psi) during the entire operation.
- ▷ Different applications possible thanks to easy **shell exchange system.**
- ▷ Robust due to the use of cutting edge material 500HB steel. **Cutting edges usable both sides.**



Demolition and Sorting Grab D09HPX

Type	Width (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (liter/c.y.)	Weight (kg/lbs)	Load capacity* (kg/lbs)
D09HPX-50	520 / 20.4	1,545 / 60.8	1,061 / 41.7	220 / 0.29	415/ 913	2,500 / 5,500

*) the load capacity indicated depends on the characteristics of the load (surface, largeness etc.)

Package consists of: demolition and sorting grab, **KINSHOFER** rotator, non-return valve, wear plates

KINSHOFER Rotator

Integrated in a single unit with **HPXdrive**, no more connecting hoses. Continuous rotation. Overload protection by pressure relief valves.

Typ	Upper dimension (hole/Ø-hole pattern) (mm/in)	Torque (Nm/ft.lbs)	Bending moment max. (Nm/ft.lbs)
KM 15 F273/273	10 x M16; Ø 273 / 10.7	2,000 / 1,475	50,000 / 36,875

Accessories

Type	Description
KM 691 8t	adapter plate for specific solutions - up to 8t / 17,600lbs
KM 690 8t	adapter for rigid mounting - up to 8t / 17,600lbs
OQ45/4 rigid	bolt-on adapter for Oilquick OQ45 - 5t / 11,000lbs to 12t / 26,400lbs
KSW08 rigid	bolt-on adapter for system L-Lock KMS08L/KHS08L for rigid mounting - up to 12t / 26,400lbs
	adapters for quick change systems from other manufacturers or different sizes on request
KM 980-2 2t-8t c	solenoid valve for additional circuit, up to 26 MPa / 3,770 psi, incl. parts and mounting
KM 685 05-D06/09-A06/09	4-Grip for D06/A06 (load capacity: 600 kg / 1,320 lbs) and D09/A09 (load capacity: 900 kg / 1,980 lbs)

Requirements of carrier machine

Operating pressure at pump capacity (open/close):

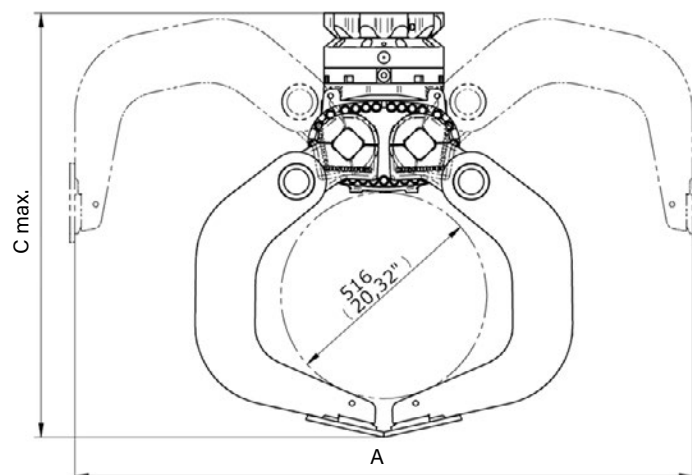
26 MPa (260 bar) at max. 75 l/min / 3,745 psi at max. 20 GPM

26 - 32 MPa (260 - 320 bar) at max. 40 l/min / 3,745 - 4,640 psi at max. 10.6 GPM

Operating pressure at pump capacity (rotate):

32 MPa (320 bar) at 20 - 50 l/min / 4,640 psi at 5.3 - 13 GPM

Technical drawings



optional 4-Grip gripping device,
here mounted to a D09HPX



free extension
of warranty
kinshofer.com/service