

## D09HPX

## Demolition and Sorting Grab with *HPXdrive*

Demolition and sorting grab with the maintenance-free *HPXdrive* for excavators up to 9t / 19800 lbs 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.
- Constant closing forces during the entire operation.
- Different applications possible through easy exchange system.
- The perforated skin of the shells lets fine dust and gravel through – without larger pieces blocking the shell filter system.
- Integrated non-return valve guarantees secure retention of the loads.
- Long life is ensured due to the use of 500 HB steel in the manufacture of cutting edges (usable both sides).



D09HPX

### Demolition and Sorting Grab D09HPX

Type	Width	Opening	Height	Volume	Self weight	Load capacity	Closing force	Operating weight
	<b>E</b>	<b>A</b>	<b>C max.</b>					
	(mm/in)	(mm/in)	(mm/in)	(litre/c.y.)	(kg/lbs)	(kg/lbs)	(kN/ft.lbs)	(t/lbs)
<b>D09HPX-60</b>	600 / 23.62	1400 / 55.12	1010 / 39.76	150 / 39.63	365 / 803	1000 / 2200	18 / 3960	5 - 9 / 11000 - 19800

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

### KINSHOFER Rotator

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

Type	Upper connection (width/Ø-hole pattern) (mm/in)	Torque	Moment of deflection max. (Nm/ft.lbs)
<b>D09HPX: KM 15 F273/273</b>	10 x M16 / Ø 273/10.75	2000 / 1475	50000 / 36875

### Accessories

Type	Description
<b>KM 691 8t</b>	adapter connection plate for specific solutions – up to 8t / 17600 lbs
<b>KM 690 8t</b>	adapter for rigid mounting – up to 8t / 17600 lbs
<b>OQ45</b>	bolt-on-adapter for Oilquick OQ45 – 5t to 12t / 11000 lbs to 26400 lbs
<b>SW08 rigid</b>	bolt-on-adapter for Lehnhoff grab exchange system SW/MS08 with SW08 – up to 12t / 26400 lbs
	adapter for quick exchange systems from other manufacturers available
<b>KM 980-2 2-8t</b>	solenoid valve for additional oil circuit, up to 26 MPa / 37.44 psi, ready for mounting for self installation
<b>KM 980-2 2-8t c</b>	solenoid valve for additional oil circuit, up to 26 MPa / 37.44 psi, incl. assembly parts and mounting

### Requirements of Excavator

	<b>D09HPX</b>
Operating pressure (open/close):	<b>max. 32 MPa (320 bar) / 4608 psi and internal working pressure of 26 MPa (260 bar) / 3744 psi</b>
Pump capacity (open/close):	40 - 75 l/min / 10.57 - 19.82 GPM
Operating pressure (rotation):	<b>max. 32 MPa (320 bar) / 4608 psi</b>
Pump capacity (rotation):	20 - 50 l/min / 5.28 - 13.21 GPM

### Technical Drawings

