HD Universal Bucket w/HPXdrive for Z-cranes

The KM 605U HPX-Z universal grapple with integrated flap rests flat and safe against the crane arm in its transport position. The special flap at the shell carrier allows to transport a large universal grapple, whereat the grapple does not protrude the carrier machine's width (2,55 m)*, without any loss in loading volume. The flap is secured automatically by a robust pressure piece with rubber bump.

- Reliability of the HPXdrive. The movement of the arms of the grapple is generated by two hollow shafts, which run opposed and have a helix thread, hydraulically driven by a single piston. No more hydraulic cylinders!
- Longer life cycle up to 50%! Self-lubrication: The drive unit runs in a permanent oil bath. The compact design makes the HPXdrive resistant to dirt and debris.
- ▶ **Profitability** through low maintenance costs and longer life cycle.
- Versatility by different types of shells that can easily be refitted onto the driving unit.
- Constant closing force (28 kN at 32 MPa operating pressure) over the entire opening and closing process; high efficiency provided by hydro static bearings of the axes.
- ▶ **Precise handling** with the gear-type KINSHOFER rotator and shells synchronised by the single piston turning both shafts of the HPXdrive.

Packages clamshell bucket KM 605U HPX-Z with **KINSHOFER** flange rotator

Туре	Volume	Width E	Height	Opening max. A	Self weight	Closing force	Load capacity
	(litre)	(mm)	(mm)	(mm)	(kg)	(kN at 32 MPa)	(kg)
KM 605U HPX-Z-400 c	400	820	1145	1545	465	28	3000
KM 605U HPX-Z-450 c	450	920	1145	1545	480	28	3000
KM 605U HPX-Z-500 c	500	1020	1145	1545	495	28	3000
KM 605U HPX-Z-600 c	600	1220	1145	1545	525	28	3000
Deelesse consists of	clamshell bucket	with flap, rota	tor KM 06 F14	0-40, upper susp	ension KM 50	01 (6000), wear plat	es

Package consists of: KM 685 07 set, non-return valve

also available with a shaft rotator and quick change system KM 505

HPX-KM 505 HD add for heavy duty tasks we recommend the quick change system KM 505 HD in combination with the KINSHOFER rotator KM 04 S68-30US

Packages clamshell bucket KM 605U HPX-Z/502 with KINSHOFER shaft rotator and reduction link

Туре	Volume (litre)	Width E	Height	Opening max. A (mm)	Self weight	Closing force	Load capacity
	()	(mm)	(mm)	()	(kg)	(kN at 32 MPa)	(kg)
KM 605U HPX-Z-400/502 c	400	820	1215	1545	470	28	3000
KM 605U HPX-Z-450/502 c	450	920	1215	1545	485	28	3000
KM 605U HPX-Z-500/502 c	500	1020	1215	1545	500	28	3000
KM 605U HPX-Z-600/502 c	600	1220	1215	1545	530	28	3000

Package consists of:

HPX-KM 505 add

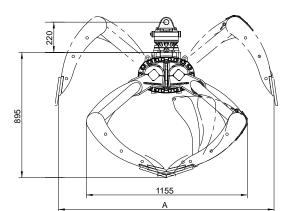
clamshell bucket with flap, rotator KM 06 S, upper suspension KM 501 (6000), reduction link KM 502 (6000), short hoses KM 203 01, wear plates KM 685 07, non-return valve

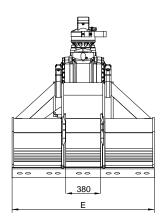
Accessories

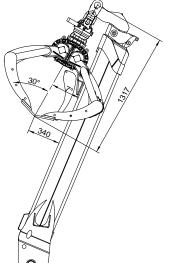
Тур	Description
KM 685 06 hook set 2	welded hooks (2 pieces)
KM 685 09 C	side plates to screw onto the grapple for easy digging tasks (4 pieces)
KM 204 01	mobile part of hydraulic quick coupling for hose (Ø 10 mm, 2 pieces)
KM 204 03	hydraulic quick change kit incl. mobile and fixed parts (2 pc. each) mounted to rotator

Requirements of truck crane

Technical drawings









KM 605U HPX-Z