

The series MTK-HP capstans

Planetary capstans for on-deck application



The MTK-HP capstan

Standard build with Hydraulic drive and high quality industrial planetary gearbox. Executed with a cast iron warping head and a fully closed housing. We are able to offer you many options as listed below. Below types are a small and general spectrum of what we can offer in these types of capstans. Please inform us your requirement.

Standard features

- Cast iron warping head with cover
- High quality industrial planetary gearbox
- Orbit hydraulic motor
- Oil filled
- Inspection hole with cover
- 2-component paint system 150µm RAL 5002

Available options

- Brake including counter balance valve
- Alternative dimensions
- Alternative speeds
- Larger pulling forces up to 20T
- Horizontal warping head configuration

Available control options

- Proportional local or remote control valve

Technical specifications

The Series MTK-HP specifications

Winch type	W.L.L. Pulling force	Speed	Warping head dim.	Recomm. rope diam.	ΔP / Flow	Weight
MTK-HP 2.000	2.000 kg	12 mtr/min	$\varnothing 275 \times 210$ mm	$\varnothing 16-20$ mm	92/37	147 kg
MTK-HP 3.000	3.000 kg	12 mtr/min	$\varnothing 405 \times 315$ mm	$\varnothing 24-28$ mm	110/49	339 kg
MTK-HP 4.000	4.000 kg	12 mtr/min	$\varnothing 405 \times 315$ mm	$\varnothing 24-28$ mm	160/44	358 kg
MTK-HP 5.000	5.000 kg	12 mtr/min	$\varnothing 405 \times 315$ mm	$\varnothing 28-32$ mm	160/53	365 kg
MTK-HP 8.000	8.000 kg	12 mtr/min	$\varnothing 405 \times 315$ mm	$\varnothing 36-40$ mm	175/72	411 kg
MTK-HP 10.000	10.000 kg	11,5 mtr/min	$\varnothing 450 \times 500$ mm	$\varnothing 44-48$ mm	140/105	830 kg
MTK-HP 12.000	12.000 kg	12 mtr/min	$\varnothing 450 \times 500$ mm	$\varnothing 44-48$ mm	170/112	848 kg

The Series MTK-HP dimensions (mm)

Winch type	A	B	D	E	F	M	N	P.C.D.
MTK-HP 2.000	$\varnothing 500$	$\varnothing 406$	$\varnothing 275$	15	210	663	8x $\varnothing 18$	$\varnothing 460$
MTK-HP 3.000	$\varnothing 700$	$\varnothing 559$	$\varnothing 405$	20	315	946	12x $\varnothing 25$	$\varnothing 650$
MTK-HP 4.000	$\varnothing 700$	$\varnothing 559$	$\varnothing 405$	20	315	946	12x $\varnothing 25$	$\varnothing 650$
MTK-HP 5.000	$\varnothing 700$	$\varnothing 559$	$\varnothing 405$	20	315	946	12x $\varnothing 25$	$\varnothing 650$
MTK-HP 8.000	$\varnothing 700$	$\varnothing 559$	$\varnothing 405$	20	315	946	12x $\varnothing 25$	$\varnothing 650$
MTK-HP 10.000	$\varnothing 850$	$\varnothing 711$	$\varnothing 450$	20	500	1306	12x $\varnothing 25$	$\varnothing 800$
MTK-HP 12.000	$\varnothing 850$	$\varnothing 711$	$\varnothing 450$	20	500	1299	12x $\varnothing 25$	$\varnothing 800$

