

tDock100 – MANUAL DOCKING SYSTEM



Description

The tDock100 is a manual docking system for small engines. The elastic element close to the engine shaft helps to reduce the loads on the engine. The standardised interface to the test bed enables fast and easy exchange of engines.

Operating Range

Torque: up to 200 Nm
Speed: up to 10000 rpm

Benefits

- long life
- virtually play-free torque transfer
- fast and easy exchange of the unit under test

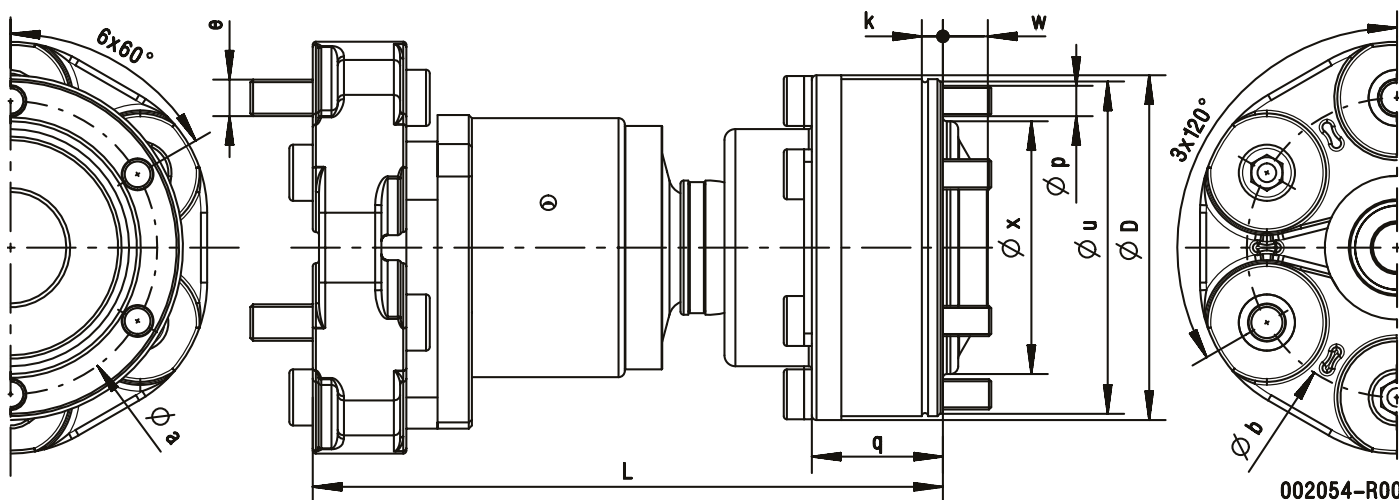
Function

The male adapter is part of the drive shaft. The female adapter is screwed onto the engine.

When docking, the male adapter is inserted into the female adapter and secured with a screw.

tDock100-CV15

Maximum torque	[Nm]	200
Maximum speed	[rpm]	10000
Mass	[kg]	6.19
Inertia	[kgm ²]	7.04E-03
Diameter	[mm]	128



Docking system	Joint	D [mm]	L [mm]	a [mm]	b [mm]	e [-]	k [mm]	p [-]	q [mm]	w [mm]	u ^{+0.00 -0.05} [mm]	x [mm]
tDock100	CV15	110.5	202	94	96	M12	6	M10	42	14.4	108	81

Other dimensions available on request