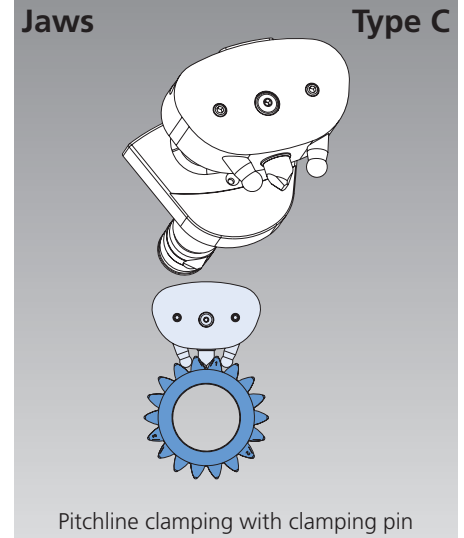
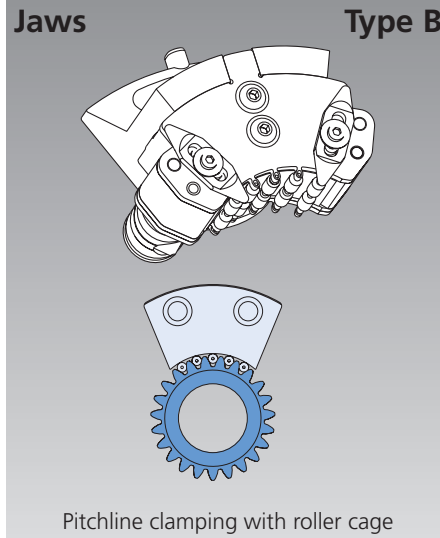
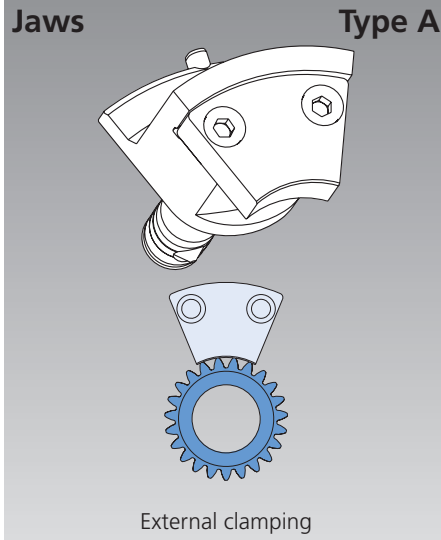


- Clamping jaws
- Centrifugal force compensation

Radial-axial clamping
QUICK JAW CHANGE SYSTEMS



Actuating cylinder ZHVD-DFR for D-KOMBI®

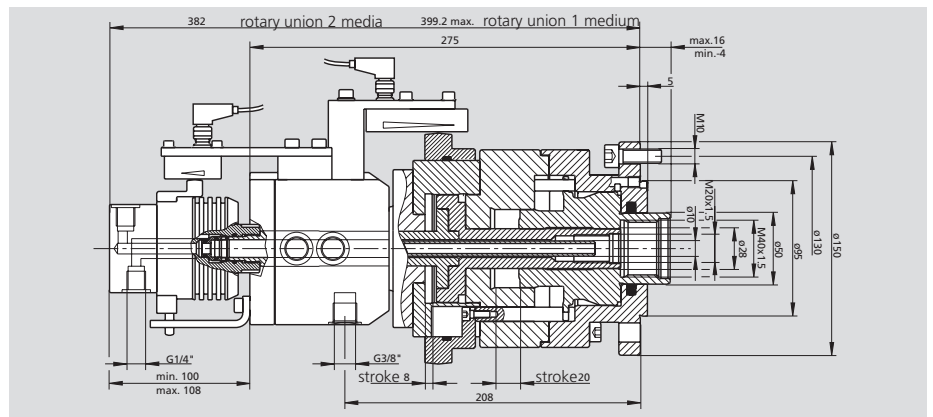
Technical features

- Special double piston cylinder to actuate D-KOMBI
- 2 independent pistons for diaphragm jaws and axial swing clamp drive
- Rotating unions for 1 or 2 media
- 2 Linear Position Systems LPS 4.0 for monitoring of the piston strokes

Standard equipment

- Cylinder with kit for LPS 4.0, without LPS 4.0 position sensor

LPS 4.0 see total catalog page 343



ZHVD-DFR for rotary union 1 medium Id. No. 046914 (without rotary union)*

ZHVD-DFR with rotary union 2 media Id. No. 046887 (rotary union 2 media included)

Piston surface				Pressure min / max	Speed max	Leakage at 30 bar 50°C	Weight cylinder	Moment of inertia	Weight of rotary union	
Axial finger (K1)	Diaphragm (K2)								1 medium	2 media
A push cm²	B pull cm²	C push cm²	D pull cm²	bar	r.p.m.	dm³/min	kg	kg·m²	kg	kg
17.6	30.6	40.6	39.2	3-60	4000	3.0	25	0.065	0.4	1.5

* To be ordered separately!

Installation

