

Product



No. 1 Position:

The largest standard concentric gripper with swiveling fingers on the market

- ✓ Increase of the compact performance by 100 % compared with many other concentric grippers

Product Features

Unique Selling Points:

- ✓ Swivel-in fingers for a long stroke (broad workpiece spectrum)

Further product features:

- ✓ Design based on an aluminum housing – customer-specific special strokes are feasible by simply adjusting the “swivel arm”
- ✓ Jaw adaption for top jaws are possible
- ✓ Monitoring with inductive sensors (Standard in automotive industry)
- ✓ Magnetic field sensors for standardized compact monitoring possibilities
- ✓ Available ex stock
- ✓ Price appr. 4.500,- €

Market and Competitors

Key Competitors

- ✓ Manufacturers of conventional 3-Finger Concentric Grippers with long strokes
- ✓ Sommer: GD 500
- ✓ PHD: ML-Serie
- ✓ Tecnomors: OZ 430

Advantages towards competitors:

- ✓ Swivel-in fingers
- ✓ Compact performance relating to volume and mass
- ✓ Long stroke (broad workpiece spectrum) at small outside diameters

Cost Effectiveness/ Customer Benefits

Customer benefits:

- ✓ Grippers with long strokes otherwise replace several grippers with a short stroke
- ✓ The gripper saves time-consuming jaw changes in applications, where broad workpiece spectrums/diameter ranges have to be handled
- ✓ The gripper is suitable for I.D. and O.D. gripping

Questions about the product? Your contact person in the Product Management Automation is M. Nagel (+49 - 7133 - 103 - 2561)

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Technische Daten / Funktionen

Technical Data:

- ✓ Sizes: 350
- ✓ Weight: 20 kg
- ✓ Gripping force: 2300 N
- ✓ Stroke per finger: 113 mm
- ✓ Workpiece weight: 11.7 kg

Complementary Products:

- ✓ Replaces the products UFG and PZH

Industries and Fields of Application

The PZH-SF particularly convinces in the following industries

- ✓ Renewable energy: "Wind energy"
- ✓ Automotive industry
- ✓ Metal cutting

Applications:

- ✓ Handling of railway wheels
- ✓ Wheel rim handling
- ✓ Handling of cast blanks

Additional Information

Cross Section



1. Base finger for adaption of the work-piece-specific top jaws
2. Kinematic – rack and pinion principle
3. Housing made of high-strength aluminum
4. Guidance for precise gripping

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