



WHDP Series Wide Parallel Rack Type Pneumatic Grippers

Designed for wide gripping operation and offers gripping force up to 132 Newtons (29.7 lbf), which is impressive based on its overall dimension size. Four types of levers with open/close travel strokes, at 24, 32, 40, and 50 mm [0.945, 1.260, 1.575, 1.969 in] series as well. Lubrication not required.

- Rack & Pinion, Parallel Type, Long Stroke
- Multiple Mounting Options for Easy Integration
- Utilizes Standard Integrated 4 mm Sensor Groove
- Double Acting Operation
- Locating Holes Standard for Precision Installation
- RoHS Compliance

Improve the performance and reduce the size of your next generation machine. Koganei sets the standard for supplying innovative high-quality solutions with unmatched reliability. Optimized designs, with a wide variety of styles and sizes, increase speed to market as well as provide solutions for most applications. Expedite deliveries with product stocked in the USA.

KOGANEI is committed to your success from concept, to initial design, to final delivery and beyond.

Operations

Double Acting Parallel Rack Operation Wide

WHDP Series Wide Parallel Rack Type Pneumatic Grippers

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Model	Operation	Bore mm	Stroke Open/Close mm [in]	Repeatability mm [in]	Centering Accuracy mm [in]	Port Size metric [imperial]	Max Grip Point Length mm [in]	Effective Gripping Force*		Max Frequency cycle / min	Pressure Range MPa [psi]	Temperature Range °C [°F]
								Close N [lbf]	Open N [lbf]			
WHDP	Double Acting Parallel Rack Operation Wide	12	24 [0.94]	0.08 [0.0031]	Consult Factory	M5 x 0.8 [upon request]	Consult Factory	24 [5.4]	24 [5.4]	120	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
WHDP	Double Acting Parallel Rack Operation Wide	16	32 [1.26]	0.08 [0.0031]	Consult Factory	M5 x 0.8 [upon request]	Consult Factory	48 [10.8]	48 [10.8]	120	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
WHDP	Double Acting Parallel Rack Operation Wide	20	40 [1.57]	0.08 [0.0031]	Consult Factory	M5 x 0.8 [upon request]	Consult Factory	82 [18.4]	82 [18.4]	120	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
WHDP	Double Acting Parallel Rack Operation Wide	25	50 [1.97]	0.08 [0.0031]	Consult Factory	M5 x 0.8 [upon request]	Consult Factory	132 [29.7]	132 [29.7]	120	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]

* @ 0.5 MPa / 72.5 psi and 30 mm gripping point length