

# PNEUMATIC CLUTCH

## Description

The EN type toothed pneumatic clutch is a compact unit that has two air inlets for its control; one to engage and the other to disengage. Its operation is the same as a double-acting piston.

Actuation is carried out radially with compressed air at a nominal pressure of 5.5 bar. Clutch must be done at rest or at low speed, disengagement can be done at any speed.

Due to its constructive characteristics, it allows large torques when using the Hirth teeth as a means of coupling.

Depending on the tooth arrangement, the clutch can be made to be positional, that is, to maintain synchronism between the driver and the driven.

## Key features

	EN-98	EN-130	EN-160	EN-178
<b>Torque (Nm) @ 5,5 bar</b>	125	200	300	500
<b>Axial force F (N)</b>	700	1100	1850	3300
<b>Weight (kg)</b>	2,3	4	6,5	9

## Dimensions

	EN-98	EN-130	EN-160	EN-178
<b>A</b>	85	130	160	178
<b>B</b>	48	61	71,5	76
<b>C</b>	85	62	81	110
<b>D</b>	10,5	14	15,5	14,5
<b>E</b>	12	16,5	18	19
<b>F</b>	3,5	3,8	-	3,5
<b>G</b>	70	78	103	140
<b>H</b>	6 x M5	6 x M6	6 x M6	6 x M8
<b>d</b>	20	28	35	50
<b>R</b>	M6	1/8" Gas	1/8" Gas	1/8" Gas
<b>a</b>	0,5	0,5	0,5	0,5

## EN Type

## Applications

- Printing machines
- Packaging
- Filling plants

