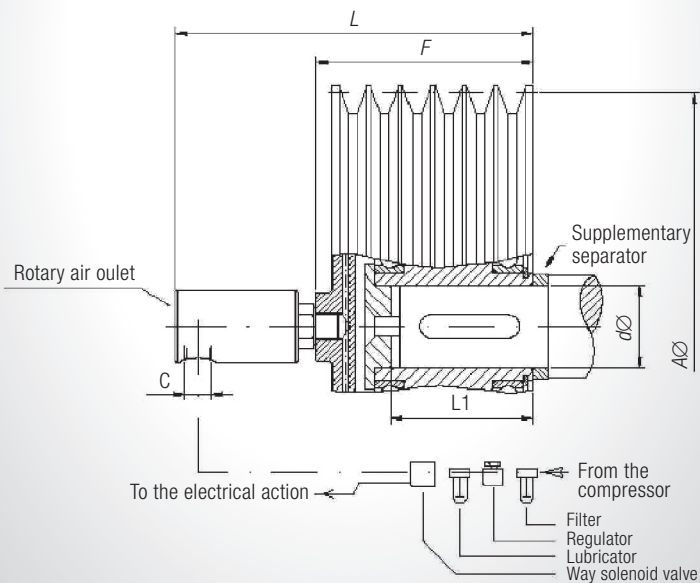


# PNEUMATIC CLUTCH

ENP Type

## Characteristics and dimensions



## Description

The EIDE ENP type clutch is a very compact pneumatic clutch with release by spring reaction. The pulley is an integral part of the clutch, resulting in an extremely compact, robust and light construction with no projecting elements.

It is suitable for adverse operating conditions with presence of water or dust.

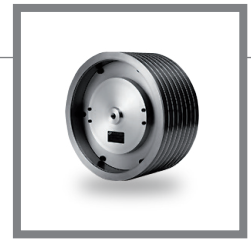
There are standard pulleys for each size although different types of pulleys can be made on request, or it can even be manufactured without a pulley, according to the customers' demands.

The air is supplied by a rotary air intake at a nominal pressure of 5.5 bar.

Due to its structure, no special maintenance is required; wear is minimal and the bearings have been greased on assembly needing no further attention.

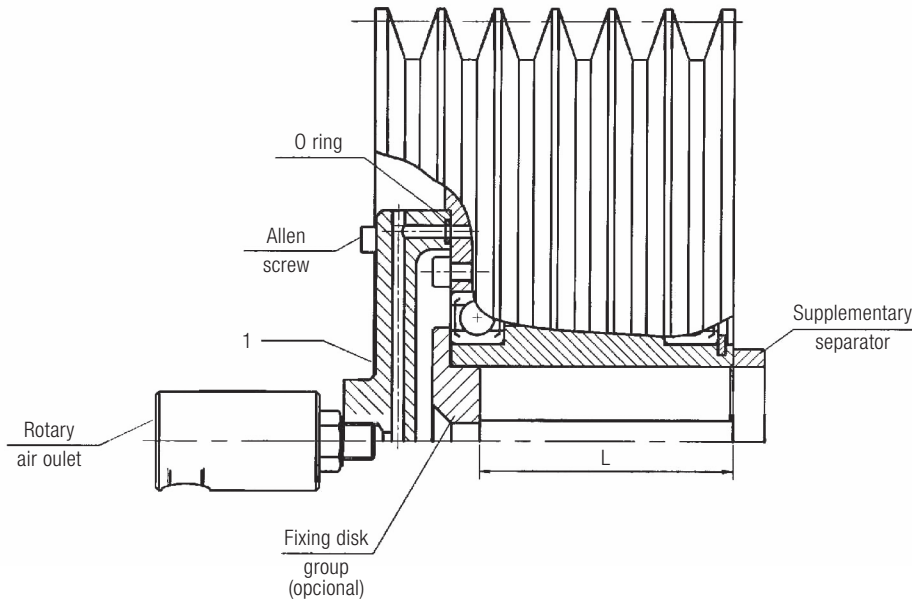
SIZE	ENP-50	ENP-100	ENP-200
Max. Torque	530 Nm a 5,5 bar	850 Nm a 5,5 bar	1750 Nm a 5,5 bar
Power at 1500 r.p.m.	50 CV (37 Kw)	100 CV (74 Kw)	200 CV (147 Kw)
Pulley Øp. Nominal	200 mm	280 mm	315 mm
Construction	3 SPB	6 SPB	8 SPB
Max. Diameter shaft	38 mm	50 mm	65 mm
Max. length shaft	70 mm	85 mm	105 mm
Nominal pressure	5,5 bar.	5,5 bar.	5,5 bar.
Maximum pressure	8 bar.	8 bar.	8 bar.
Maximum speed	3.000 r.p.m.	2.500 r.p.m.	2.000 r.p.m.
<b>A</b>	200	260	315
<b>F</b>	110	120	158
<b>L</b>	194	214	240
<b>D</b>	35	50	70
<b>L1</b>	70	85	105
<b>C</b>	3/8 NPT	3/8 NPT	3/8 NPT

## PNEUMATIC CLUTCH ENP Type



Suitable for power transmission between parallel axes on machines such as mixers, conveyors, hydraulic pumps, compressors and depressors.

Due to its compact dimensions it is used in small spaces as industrial vehicles such sweepers, tanks, cleaning vehicles and marine applications.



### Clutch assembly

1. Remove part "1" take the Allen fastening screws. (Pay attention to the O-ring seal)
  2. Remove placket.
  3. Check tolerances between shaft and keyway for correct fitting
    - If the shaft where the clutch is placed is longer than "L" put an additional cap.
    - To avoid inter-granular corrosion between the axis of the machine and the hole of the clutch, use grease ALTEMP Q NB50 of KLÜBER or similar.
  4. Place the clutch on the shaft. No hitting. Mount with the help of a pin and plate. See sketch.
  5. Set the clutch placing the flap and secure the screw axis with thread locker.
  6. Mount part "1" sure the O-rings are fitted correctly.
  7. Install the belts and the air intake.
- In case you need to remove the clutch shaft use two pins and a plate.

