

# Rotary inlets

for pressurised oil, compressed air and other media

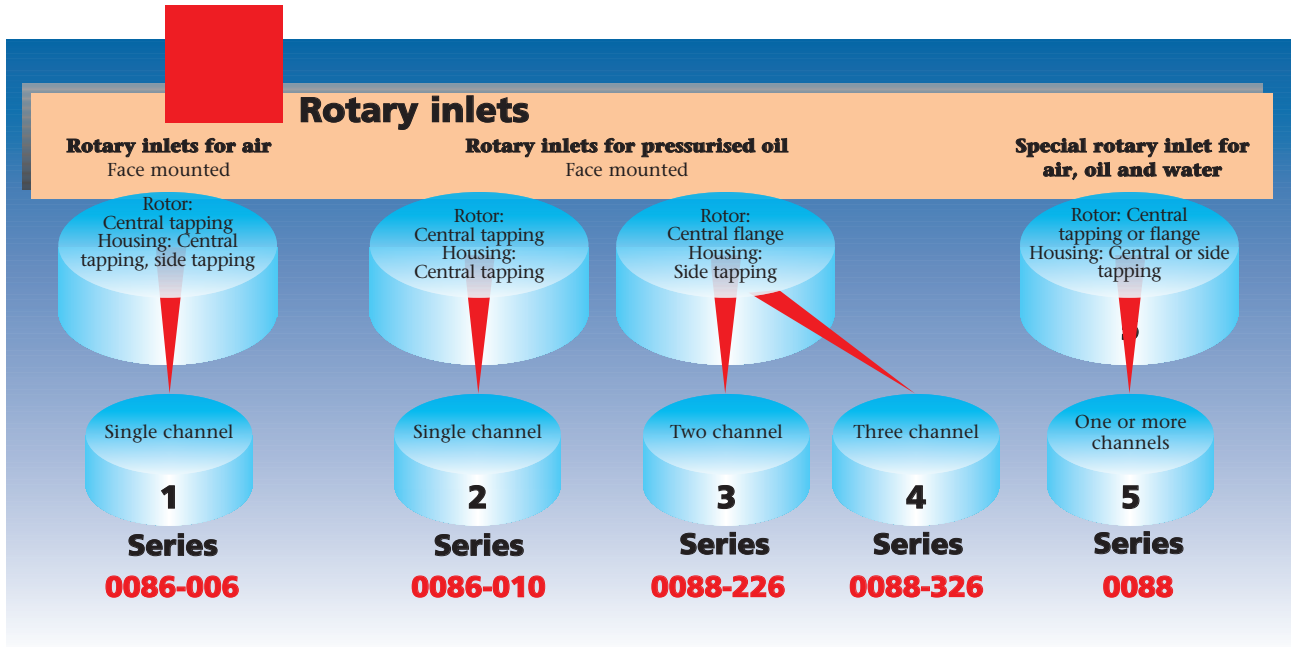


## Rotary inlets



Ortlinghaus has been manufacturing single and multi-channel rotary inlets for several decades and these are frequently supplied as accessories for air and oil actuated and also for oil cooled clutches. These tried and tested machine components for the feeding of air, pressurised oil and cooling oil into rotating shafts are standard products and are not only for use in conjunction with clutches. In addition to this Ortlinghaus also develops and manufactures rotary inlets to **customers own requirements** which cannot be met from standard products listed in the catalogue.

It is thus possible for example to manufacture rotary inlets with up to eight channels with the channels being able to carry different media (air / oil; air / water). Ortlinghaus special rotary inlets are not specific to a particular sealing system but the best sealing components will be chosen to suit the application requirements.



**1 Series 0086-006**

An inexpensive single channel rotary inlet for the feeding of compressed air, preferably slightly oiled, to rotating machine components. It is widely used for instance in the actuation of press clutches; fitted on the end of the shaft, it allows the direct connection of a press safety valve.

**2 Series 0086-010**

This tried and tested single channel rotary inlet is used to feed oil or pressurised oil to rotating machine components e.g. for the actuation of clutches and clamping devices. A high grade axial plain seal allows leak-free operation up to a temperature of 120° C.

The rotor and the housing are fitted with central threaded fittings; the oil feeds can be fitted externally or recessed.

**3/4 Series 0088-226/-326**

A pressurised oil rotary inlet, two or three channels, with a flange on the rotor for face mounting onto rotating machine components. The gap sealing system used has a tendency to leak. Along with the pressurised oil connections there are connecting threads on the housing for oil leakage and measurement connections. These oil inlets permit the feed of larger quantities of oil or pressurised oil at temperatures of up to around 100° C.

**5 Series 0088**

Rotary inlets for liquid and gases to customers specific requirements which cannot be met by the standard products listed in the catalogue.

No.	Series	Medium	Pressure bar	Speed min <sup>-1</sup>	Temperature °C	Connections
1	0086-006	Air	up to 15	up to 3150**	up to 70	G 1/4 to G 2 M 16x1,5 - M 65x1,5
2	0086-010	Oil	up to 70	up to 1500**	up to 120	G 3/8 to G 1
3/4	0088-226/-326	Oil	up to 70 (100)*	up to 2500**	up to 100	Flange Ø 81 to 150 Housing G 1/2 to G 1
5	0088	Oil, water, air	as required	as required	depends on design	as required

\* Series 0088-326, Size 35

\*\* Depending on pressure range and design

# Fax questionnaire for rotary inlets

Please complete in block capitals!

**Ortlinghaus** SINCE 1898

■ THE TECHNOLOGY OF CONTROLLED TORQUE

Sender:

\_\_\_\_\_  
Name, first name

\_\_\_\_\_  
Company

\_\_\_\_\_  
Department

\_\_\_\_\_  
Telephone (extension)

\_\_\_\_\_  
Fax

Recipient:

Ortlinghaus-Werke GmbH  
Kenkhauser Straße 125 · Postbox 14 40  
42907 Wermelskirchen · Germany  
Tel. +49 2196 85-0 · Fax +49 2196 855-444  
info@ortlinghaus.com · www.ortlinghaus.com

\_\_\_\_\_  
for the attention of (if known)

**Fax-No. +49 2196 855-444**

## Operating details:

**Medium** \_\_\_\_\_

**Pressure** \_\_\_\_\_ bar

**Temperature** \_\_\_\_\_ °C

**Speed** \_\_\_\_\_ min<sup>-1</sup>

**Shaft diameter** \_\_\_\_\_ mm

**Connection type**  
(thread or flange) \_\_\_\_\_

**Number of channels** \_\_\_\_\_

**Present method** \_\_\_\_\_

**Description of application** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Sketch:**

**Quantity for initial order** \_\_\_\_\_

**Requirement per year** \_\_\_\_\_