

DESCRIPTION

The Model 902A Pressure Feed Oiler is a combination of a metering valve and a flow indicator. It is used for the distribution and supply of oil under pressure to the points of use, such as bearings and gears.

It is particularly useful where several lubrication points are served from the same piping manifold. The oilers can be clustered in easily accessible locations and oil can be piped up to remote or inaccessible points through the discharge tubing.

FEATURES

- Accuracy uncommon to this type of equipment. Tests show repeatability of indications to be within 5%.
- Indicator ring is visible even in dark oils, as a Teflon band remains in contact with the glass tube.
- The indication of oil flow rate is not affected by viscosity changes of oil within the specified range, therefore temperature changes of oil will not affect the scale reading. The oil flow will be directly proportional to the manifold pressure, i.e. with an increase of pressure, the flow through the oiler will increase. The required flow through the oiler can be obtained by adjustment of the needle valve (adjusting screw).
- Compact design allows the close assembly of the oilers in a cluster.

Maximum pressure drop to obtain full scale readings:

Model 902A-2, 902A-4, 902A-8:	10 PSI
Model 902A-16:	12 PSI



APPLICATIONS

- Paper Mills
- Dryer Bearings
- Felt Roll Bearings
- Gears
- Compressor Bearings
- Lubrication Systems.

[See Page 2 for Specifications.](#)



Turning Ideas Into Engineered Solutions

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**MODEL 902A-16
PRESSURE OILER
2.0-16.0 Pints Per Minute - Page 2**

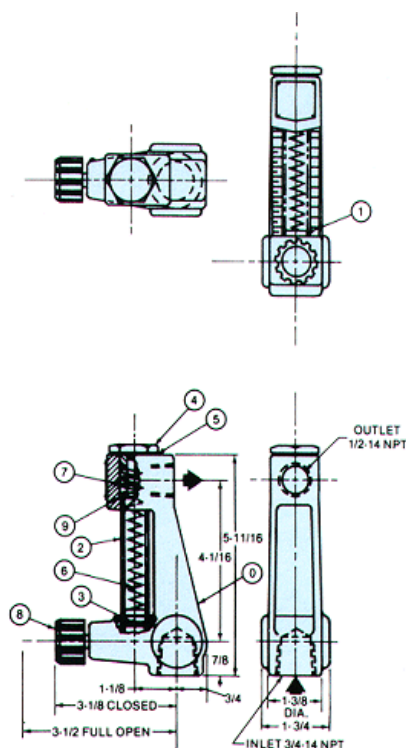
**SPECIFY GENERAL ASSEMBLY NUMBER 27N88
WHEN ORDERING FOR 2.0-16.0 FLOW RATE**

Specifications

General Assembly Number	27N88
Flow: Pints Per Minute	2.0-16.0
Max Working Pressure	125 PSI
Max Operating Temperature	225°F
Oil Viscosity S.S.U.	100-2000

Repair Parts List

Item	Description	Part #
0	Complete Unit	27N88
1	Piston Assembly	27N99
2	Sight Glass	20N16
3	Screen	27N93
4	Retainer Nut	27N92
5	Retainer Washer	20N22
6	Spring, Piston	300082
7	Spring, Retainer	300077
8	Adjusting Screw Assembly	21N09
9	Glass, "O" Ring	300892(2)



KAYDON FILTRATION GROUP

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