



NIRA 9

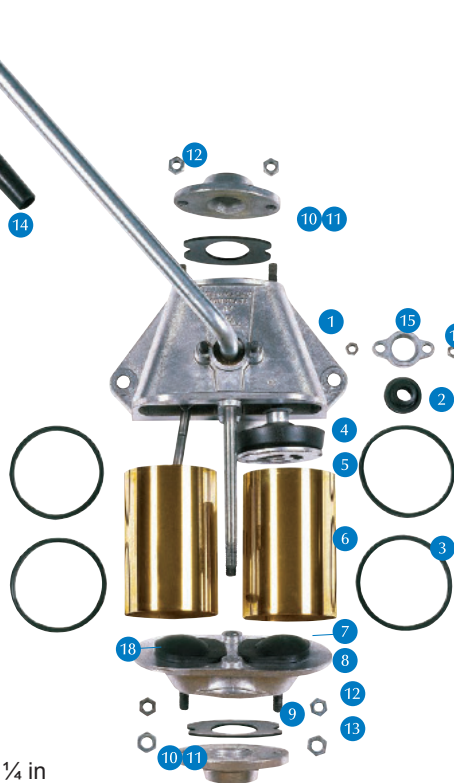
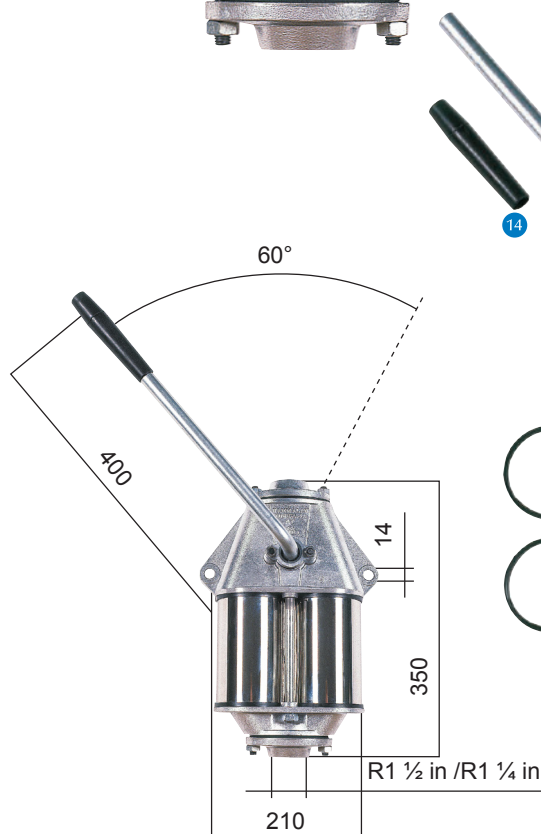
Water and Oil Pump

A mostly corrosion resistant hand pump suitable for pumping liquids such as domestic water, oil and glycol. When fitted with Viton seals it can also be used for pumping petrol.

- Maximum pumping capacity around 60 litres/minute
- Suction lift 4 m, 8 m when fitted with a fitted bottom valve
- Flange internal thread either 1 ¼" or 1 ½" (state when ordering)
- Maximum momentary pressure around 3 bar
- Weight 5.8 kg

List of Parts

- 1 **Body complete** P901
- 2 **Shaft seal** R903
- 3 **Cylinder Seal** R410
- 4 **Plunger Seal** R416
- 5 **Plunger complete** P907
- 6 **Cylinder Pipe** P908
- 7 **Bottom valve** R909
- 8 **Bottom valve body with valves** P910
- 9 **Gasget for flange** R911
- 10 **Flange 1¼"** P91806
- 11 **Flange 1½"** P91807
- 12 **Nut M10** R22610
- 13 **Nut M12** R22612
- 14 **Handle rubber grip** R919
- 15 **Seal collar** P91802
- 16 **Nut M8** R2268
- 17 **Nitrile seal set** R9 (more info www.nira.fi)
- 18 **Bottom valve body without valves** P91805
- 19 **Viton seal set** R9V (more info www.nira.fi)



NOTE:

If the pump is attached to a tank, ensure that the tank cannot empty itself (the siphon effect).

The pump must not be fitted to a system where it is continuously under pressure. If you use the pump to pump water and there is a risk of freezing, be sure to drain all water from the pump after use. The same pump must not be used to pump both water and oil.

If you require the pump to be supplied with the handle fitted facing down, please mention this when ordering. A down-facing handle is useful in some applications, for example with large tanks.

Comprehensive spare parts service

Nira pumps are made to last. Properly maintained they have a service life of decades. Our comprehensive range of spare parts includes parts for current and older pumps.

Find out more about spare parts at www.nira.fi

Nira Pumps Oy

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Nira applicability chart for most common liquid

	Nira 9 Nira 6B Nira 2	Nira 9 Nira 6B Nira 2	Nira 6B Arctic	Nira 9 Nira 6B Nira 2
Seal/gasket material	Nitrile	Viton	ECO	EPDM
LIQUID TO BE TRANSFERRED				
Water	1	1	3*	1
Diesel	1	1	1	3
BioDiesel (e.g. NExBTL) (Methyl esters max 7 vol-%)	1	1	1	3
Lubricating oil	1	1	1	3
Hydraulic oil	1	1	1	3
Petrol, also E10 (etanol 10 %)	3	1	3	3
Ethanol**	2	2	2	2
Ethylene**	2	2	3	3
Acetone**	3	3	3	2
Heat-exchange liquid (Glycol)	1	1	1	1
Thinner and xylene**	3	2	3	3
Turpentine**	2	2	2	3
Engine cleaner**	3	2	3	3

Seal/gasket material	Temperature	Applications
NITRILE	max -15 ° C	Water, Diesel oil, lubricating and hydraulic oil, glycol
VITON	max -5 ° C	Petrol 95E ja 98E (vehicles, small engine; e.g. lawn mowers, snowblowers, chain saws etc.), turpentine, thinner and engine cleaner)
ECO, only Nira 6B Arctic	max -45 ° C	Diesel oil, lubricating and hydraulic oil, glycol
EPDM	max -30 ° C	Heat transfer fluid (glycol), suitable for geothermal applications. Acetone. Not applicable with any type of oil.

1 = Good
2 = Tolerable
3 = not to be used

* ECO seal/gasket material contains toxic substance, therefore ECO NOT to be used for any potable liquid.
** Corrosive substances; steel, stainless steel and siluminum in a structure of the pump might get corroded.

Extensive recommendation of material applicability can not be disclosed, it can be defined through testing only.



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