

CARDEV®

Product Datasheet

HDU-H300 By-pass Oil Filter

- Input pressure 6-300 Bar
- Flow through filter controlled at 2 litres per minute
- Removes free and dissolved water contamination
- Increases system reliability
- Extends oil life and generates CO₂ saving
- Reduces operating costs



Results

Water Removed



Removes free and dissolved water down to < 50 ppm (0.005%)

Particles Removed



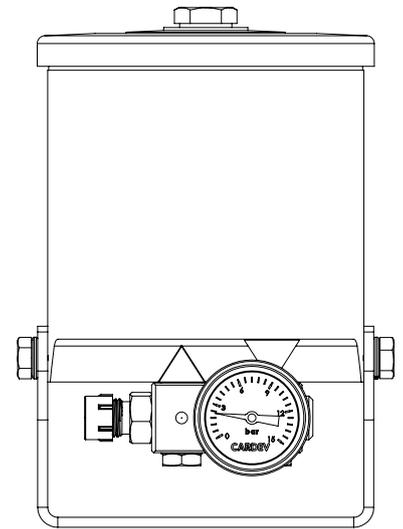
Oil cleanliness maintained at better than new levels (Down to 13/11/8 ISO 4406: 1999) - Class 2 (NAS 1638).

Features

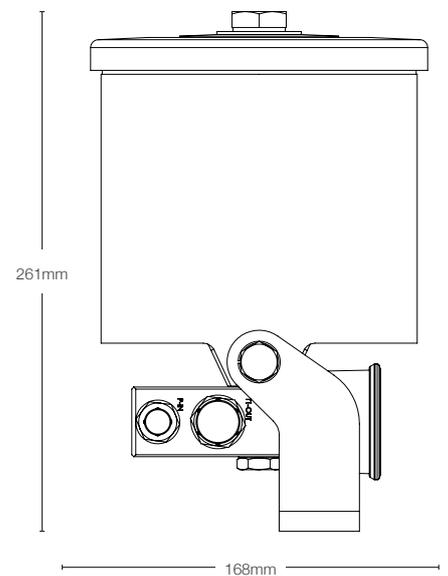
- Removes microparticles
- Increases system reliability
- Prevents system corrosion
- Reduces component wear
- Extends oil life and generates CO2 savings
- Reduces operating costs

Application Examples

- Earth moving machines
- Forestry equipment
- Mobile cranes
- Drilling/piling equipment
- Static hydraulic systems



188mm



261mm

168mm

Recommended Installation	Flow rate through filter (l/h)**	Dimensions (mm)			Connections		Weight (kg)	Filter Element Type	Retention Capacity (per filter)	
		H	W	L	Inlet	Outlet			≤ 1 kg Dirt	≤ 0.37 Litres of Water
BY-PASS ONLY. Max 300 Bar inlet and 0.5 Bar back pressure. Systems up to 200 litres.	120	261	188	168	1/4" BSP (m)	3/8" BSP (m)	6	HDFC-N	≤ 1 kg Dirt	≤ 0.37 Litres of Water

**flow rates based on ISO 46 oil @ 40°C

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