

CARDEV®

Product Datasheet

SDU-H350RK-TWIN By-pass Oil Filter

- Input pressure 6-350 Bar
- Flow through filter controlled at 4 litres per minute
- For systems up to 1000 litres
- Removes free and dissolved water contamination
- Increases system reliability
- Extends oil life and generates CO₂ saving
- Reduces operating costs



FEED PRESSURE
6-350
BAR

FOR SYSTEMS UP TO
1000
LTRS

FLOW CONTROL
4
LPM

Results

Water Removed

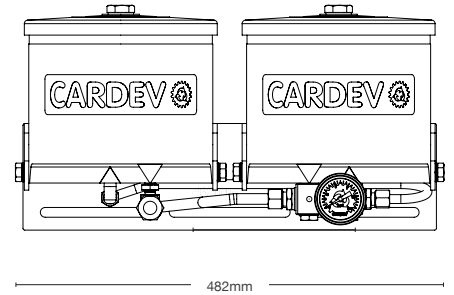
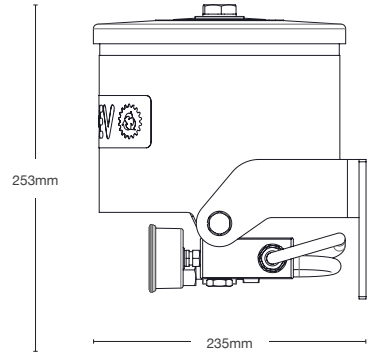
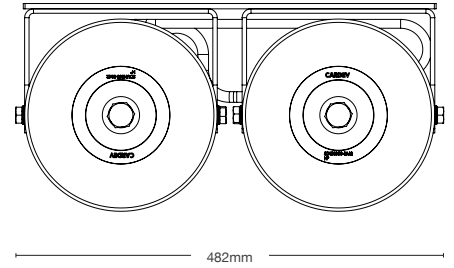


Removes free and dissolved water down to < 50 ppm (0.005%)

Particles Removed



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



Results

- Oil cleanliness maintained at "better than new*" levels
- Up to 99.9% water removed (both free and dissolved water)
- Removes microparticles down to 1 micron and smaller
- 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

Recommended installation	Flow Rate (l/h)	Dimensions (mm)			Connections		Weight (kg)	Filter Element Type	Retention Capacity (per set)	
		H	W	L	Inlet	Outlet			≤ 5 kg Dirt (kg)	≤ 1.56 Litres of water
BY-PASS ONLY. Max 350 Bar inlet pressure and 0.5 Bar back pressure. Systems up to 1000 litres	240	253	482	235	1/4" BSP (m)	3/8 BSP (f)	19.9	Standard fit: 2 x SDFC	≤ 5 kg Dirt (kg)	≤ 1.56 Litres of water

Note: Flow rates, oil cleanliness levels and moisture removal results are based on ISO VG 46 Mineral Oil @ 40°C

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