

# Data Sheet

## BK 117-C1 for FS Polarstern



### Operational Characteristics

Personnel transport (ship's crew and scientists),  
material transport (internal and external loads)

### Areas of Operation

Arctic and Antarctic regions,  
expedition areas of the research icebreaker Polarstern

### Crew

1 Pilot

### Possible Deployments

Passenger flights  
Cargo transport  
Ice observation  
Geographic survey flights  
Film and photo flights, partly with external specialized cameras  
External cargo transports up to max. 1,000 kg  
Wildlife counts  
Support in emergencies

### Technical Equipment

Weather radar, two GPS (Garmin GTN 750),  
TCAS (Traffic Alert and Collision Avoidance System)

## Performance Features

Manufacturer:	Airbus Helicopters	Dimensions:	
Engines (2):	Safran Helicopter Engines, 2x ARRIEL 1E2	Length:	13.00 m LOA
Cruising speed:	130 kt	Height:	3.36 m (3.85 m with tail rotor)
Fuel capacity:	708 l	Rotor Ø:	11.00 m
Max. take-off weight:	3,350 kg		