ROYAL DANISH NAVY FLEXIBLE SHIPS

MODULAR DESIGN: *Rapid Reconfiguration for Mission Adaptability*

PAYLOADS

PLATFORMS

Modular Payloads

- ASW
- Special Operations
- Mine Warfare
- Intel
- Gun
- Harpoon Launchers
- Sea Sparrow Launchers
- Crane
- RHIB

Class overview	
Builders:	Odense Staalskibsværft
Operators:	Royal Danish Navy
Preceded by:	*Niels Juel*-class corvette
Built:	2008-2011
In commission:	2012 onwards
Planned:	3
Completed:	3

General characteristics			
Type:	Air defence frigate	**Electronic warfare & decoys:**	4 × 12-barrelled Terma DL-12T 130 mm decoy launchers 2 × 6-barrelled Terma DL-6T 130 mm decoy launchers Seagnat Mark 36 SRBOC
Displacement:	6,645 tonnes (full load)		
Length:	138.7 m (455 ft)		
Beam:	19.75 m (64.8 ft)	**Aircraft carried:**	1 × Westland Lynx Mk90B. From approx. 2016: MH-60R
Draft:	5.3 m (17 ft)		
Propulsion:	Four MTU 8000 20V M70 diesel engines, 8,2 MW each.	**Aviation facilities:**	Aft helicopter deck and hangar
Speed:	+28 knots (52 km/h; 32 mph)		
Range:	9,000 nautical miles (17,000 km) at 15 knots (28 km/h; 17 mph)		
Complement:	165	**Operating range:**	9,000 nautical miles (16,600 km)
Crew:	101		
Sensors and processing systems:	1 Thales Nederland SMART-L long-range air and surface surveillance radar 1 Thales Nederland APAR air and surface search, tracking and guidance radar (I band) 1 Terma SCANTER 6000 surveillance and helicopter guidance radar Atlas ASO 94 hull mounted sonar 2 Saab CEROS 200 fire control radars ES-3701 Tactical Radar Electronic Support Measures (ESM)	**Armament:**	4 x VLS with up to 32 SM-2 IIIA surface-to-air missiles (Mk 41 VLS) 2 × VLS with up to 24 RIM-162 ESSM (Mk 56 VLS) 8-16 × Harpoon Block II SSM 2 × Oerlikon Millennium 35 mm Naval Revolver Gun System CIWS 1 x Otobreda 76 mm 2 × dual MU90 Impact ASW torpedo launchers