

F341 Specification

Frigate F341		Frigate F341 (1:75)	
Displacement	6,300 tonnes	Displacement	18.1 kg
Length	137.6 m (451 ft 5 in)	Length	183 cm
Beam	19.5 m (64 ft 0 in)	Beam	26 cm
Draft	6.3 m (20 ft 8 in)	Draft	8,4 cm
Propulsion	2 × MTU 8000 M70 diesel engines;	Propulsion	2 x Bosch screwdriver electric motors 2 x 300W powered from 800Wh Li-ion battery
Two shafts	22,300 bhp (16.6 MW)	Two shafts	600W (typical 100W)
Speed	24 knots (44 km/h)	Speed	>5 knots (>9km/h)
Range	9,000 nmi (17,000 km) at 15 kn (28 km/h)	Range	20 nmi (36km) at 4kn (7,2km/h)
Boats & landing craft carried	2 × SB90E LCP 2 × RHIBs	Boats & landing craft carried	1 x RHIBs
Sensors and processing systems	Thales SMART-S Mk2 3D volume search radar Terma Scanter 6002 surface search and helo radar Atlas ASO 94 sonar 4 Saab CEROS 200 fire control radars ES-3701 Tactical Radar Electronic Support Measures (ESM)	Sensors and processing systems	2,4GHz telemetry data 5GHz video transmission IR proximity detection Radar Raspberry Pi Zero with 64 bit 1GHz single-core CPU, 512MB RAM (prepared for 2.4GHz Doppler radar)
		ASW	27mm sonar at 344kHz ACTAS low frequency transmitter TAS - with fully automatic deployment and automatic intake
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	Electronic warfare & decoys (1:75)	4 × 12-barrelled Terma DL-12T 130 mm decoy launchers 2 × 6-barrelled Terma DL-6T 130 mm decoy launchers Seagnat Mark 36 SRBOC
Armament	1 × 5 inch (127 mm)/54 Mark 45 mod 4 gun 7 × 12.7 mm heavy machine gun 3 × VLS with up to 36 RIM-162 ESSM/RIM-7 Sea Sparrow (Mk 56/Mk 48 VLS) 8-16 × Harpoon Block II SSM 2 × Oerlikon Millennium 35 mm Naval Revolver Gun Systems CIWS MU90 Impact ASW torpedoes 4 × Stinger Point-defence SAM	Armament (1:75)	1 × 5 inch (127 mm)/54 Mark 45 mod 4 gun 4 × 12.7 mm heavy machine gun 3 × VLS with up to 36 RIM-162 ESSM/RIM-7 Sea Sparrow (Mk 56/Mk 48 VLS) 8-16 × Harpoon Block II SSM 2 × Oerlikon Millennium 35 mm Naval Revolver Gun Systems CIWS MU90 Impact ASW torpedoes 4 × Stinger Point-defence SAM
Aircraft carried	2 x MH-60R Seahawk Maritime Helicopter	Aircraft carried (space for)	2 x MH-60R Seahawk Maritime Helicopter