

# PHANTOM 65



TEST BOAT:	P65/102
LOCATION:	Ipswich, UK
ENGINES:	Caterpillar C18-1150
FUEL:	Diesel

FUEL LOAD:	100%
WATER LOAD:	100%

DRY WEIGHT:	38,300 kg
TEST WEIGHT:	44,664 kg

SEA TEMP:	8°C
AMBIENT TEMP:	-1°C

FUEL CAPACITY:	
Litres	4,177
US gallons	1,103

RPM	900	1100	1300	1500	1700	1900	2100	2300	2350	2360
SPEED - Knots (GPS)	9.3	10.6	11.3	13.6	17.4	22.4	26.5	29.4	29.3	30
<b>FUEL BURN</b>										
Litres/hour	45.8	73.8	117.3	175	230.1	291.5	378.5	431.5	445	447.8
US gallons/hour	12.1	19.5	31	46.3	60.8	77	100	114	117.6	118.3
<b>DECIBELS (db)</b>										
Fwd Cabin	67	69	71	73	75	75	78	80		
Master Cabin	69	72	76	73	77	78	79	85		
Lower Helm	64	65	68	70	70	74	75	78		
Saloon	67	69	71	73	74	75	76	81		
Cockpit	76	79	81	82	82	85	87	90		
<b>RANGE</b>										
Kilometers	1113	788	528	425	414	422	385	373	360	367
Miles	692	490	328	264	257	262	239	232	224	228

TEST BOAT:	P65/101
LOCATION:	Cannes, France
ENGINES:	Caterpillar C32-1622
FUEL:	Diesel

FUEL LOAD:	100%
WATER LOAD:	100%

DRY WEIGHT:	38,000 kg
TEST WEIGHT:	43,207 kg

SEA TEMP:	23°C
AMBIENT TEMP:	24°C

FUEL CAPACITY:	
Litres	4,177
US gallons	1,103

RPM	900	1100	1300	1500	1700	1900	2100	2300	2313
SPEED - Knots (GPS)	11	12.6	16.1	20.9	24.8	29.1	32.9	35.9	36.3
<b>FUEL BURN</b>									
Litres/hour	75.3	131.9	199	276.7	355	453	574	669	673
US gallons/hour	19.9	34.8	52.5	73	93.8	120	151	177	178
<b>DECIBELS (db)</b>									
Fwd Cabin	67	70	71	76	77	79	80	85	85
Master Cabin	72	72	75	78	80	80	85	87	87
Lower Helm	65	67	71	73	74	77	78	81	81
Saloon	70	71	73	76	78	79	80	83	83
Cockpit	80	80	81	87	87	88	90	93	93
<b>RANGE</b>									
Kilometers	785	513	436	405	376	345	308	288	287
Miles	488	319	271	252	233.5	214.6	191.5	179	178.5

These performance figures are given in good faith but are in no way guaranteed for any boat. Dirt on the bottom of the boat, damage to propellers, engine tuning, external water and air temperatures and the weight of crew, fuel and water carried can all adversely effect performance.