



Kirov

CA RUSSIA

1938 to 1941

1992-0 KIROV Class

Displacement
Complement
Stricken 1970

7,880 ts Length 584 ft
734 Beam 58 ft
Draft 23.8 ft

Ordzhonikidze Yard, Leningrad
Launched 11/30/1936
Completed 09/26/1938



SHIP LOG SHEET

Version 3/6/2009



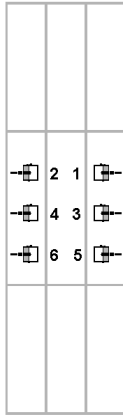
9 x 180mm/57 B1P

22

Max ROF		Range		Shell Size/Weight	
2.5	sh/min	41,340 yds	82.7"	7.1"	215.0 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	1K3	None		COM	HE
AA	0.0	Level	S	Ammunition	
				180 rpg	1620

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	18	12	14	10	12	8	11	7		
10 - 18	14	9	11	7	9	6	8	5		
19 - 27	12	8	9	6	8	5	7	5		
28 - 36	10	7	8	5	7	5	6	4		
37 - 45	10	6	7	5	6	4	6	4		

APCBC		PENETRATION TABLE															
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000			
ROF	5.0	5.0	5.0	5.0	4.8	4.3	3.6	3.1	2.7	2.3	2.0	1.7	1.5	1.4			
Rge	S	S	S	S	S	M	M	M	M	L	L	L	E	E			
H	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.6	2.0	2.6	3.4	4.2			
V	14.7	13.4	12.2	11.0	9.9	8.9	7.5	6.3	5.3	3.8	3.6	3.4	3.3	3.4			



6 x 100mm/56 B34

10

Max ROF		Range		Shell Size/Weight	
16.0	sh/min	24,323 yds	48.6"	3.9"	34.4 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	2Q2	None		COM	HE
AA	2.6	Level	V	Ammunition	
				250 rpg	1500

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	11	7	7	5	5	3	4	3		
10 - 18	8	5	5	3	4	2	3	2		
19 - 27	6	4	4	3	3	2	3	2		
28 - 36	5	3	4	2	3	2	2	1		
37 - 45	5	3	3	2	2	2	2	1		

SAP		PENETRATION TABLE															
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000			
ROF	7.9	6.8	5.8	4.9	4.2	3.5	2.8	2.2	1.8	1.4	1.3						
Rge	S	S	S	S	M	M	L	L	E	E	E						
H	0.1	0.2	0.2	0.3	0.4	0.4	0.7	1.1	1.6	1.9	2.0						
V	6.1	5.0	4.0	3.1	2.4	1.9	1.6	1.3	1.1	0.6	0.5						

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	2	Catapult	1
HD55 (KR-1) 0 1 21			
105 kts	92 kts	13100 ft	

TORPEDOES			
TT	6	Ammo	12
53-38U			
Damage Class	B		
Settings			
4,400/45			
8,800/34			
11,000/30			
MINES			
90			

RAPID FIRE BATTERIES

RF1	6	45mm/46 21-K			
Max Rg	10,000	20.0"	7	5	
Eff Rg	4,500	9.0"	11	8	

RF	Port	3	2	2	1	0
8	Stbd	3	2	2	1	0

AA	Port	6	5	3	2	1
H	Stbd	6	5	3	2	1

RF2	None					
Max Rg						
Eff Rg						

RF	Port					
0	Stbd					

AA	Port					
	Stbd					

RF3	None					
Max Rg						
Eff Rg						

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Coal (ts)	0	Oil (ts)	1280	Radius (nm/kts)			Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	GT			3750	18	None		0	Rack	0		
Boilers	6 Yarrow-Normand					None		None	Ammo	0		



Voroshilov

CA RUSSIA

1940 to 1942

1993-0 KIROV Class

Displacement
Complement
Scrapped 1960

7,880 ts Length 584 ft
734 Beam 58 ft
Draft 23.8 ft
Marti Yard, Nicolaiev
Launched 06/28/1935
Completed 06/15/1940



SHIP LOG SHEET

Version 3/6/2009



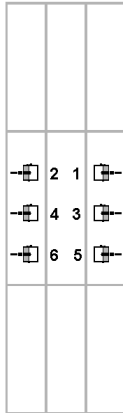
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APCBC		PENETRATION TABLE															
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000			
ROF	5.0	5.0	5.0	5.0	4.8	4.3	3.6	3.1	2.7	2.3	2.0	1.7	1.5	1.4			
Rge	S	S	S	S	S	M	M	M	M	L	L	L	E	E			
H	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.6	2.0	2.6	3.4	4.2			
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28 - 36	5	3	4	2	3	2	2	1		
37 - 45	5	3	3	2	2	2	2	1		

SAP		PENETRATION TABLE															
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000			
ROF	7.9	6.8	5.8	4.9	4.2	3.5	2.8	2.2	1.8	1.4	1.3						
Rge	S	S	S	S	M	M	L	L	E	E	E						
H	0.1	0.2	0.2	0.3	0.4	0.4	0.7	1.1	1.6	1.9	2.0						
V	6.1	5.0	4.0	3.1	2.4	1.9	1.6	1.3	1.1	0.6	0.5						

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RF	Port	3	2	2	1	0
8	Stbd	3	2	2	1	0

AA	Port	6	5	3	2	1
H	Stbd	6	5	3	2	1

RF2	None					
Max Rg						
Eff Rg						

RF	Port					
0	Stbd					

AA	Port					
	Stbd					

RF3	None					
Max Rg						
Eff Rg						

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Coal (ts)	0	Oil (ts)	1280	Radius (nm/kts)			Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	GT		2140	18	None		None		0	Rack	0	
Boilers	6 Yarrow-Normand				None		None		None	Ammo	0	

