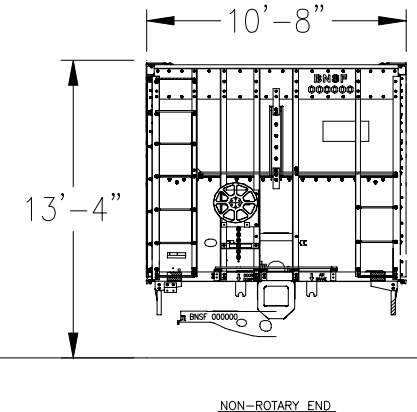
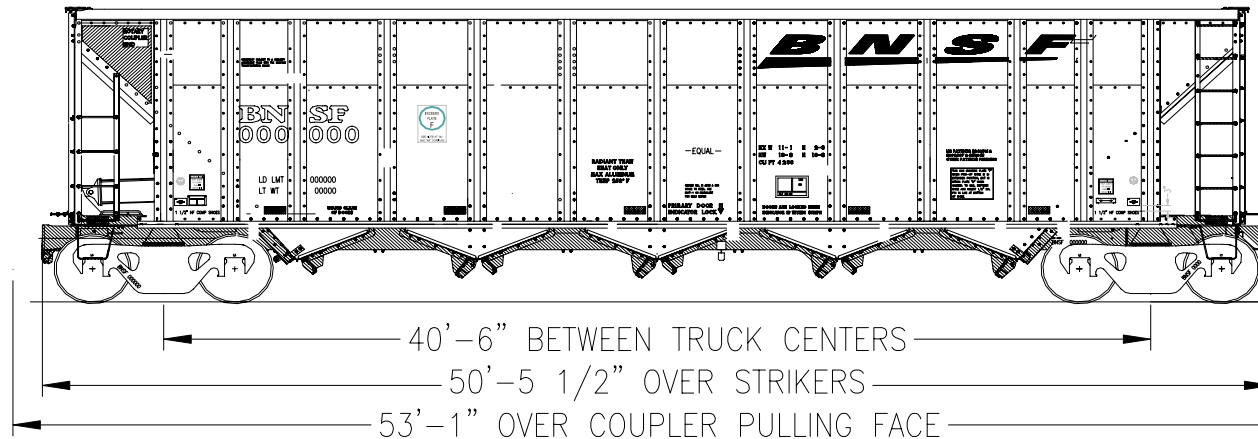


BNSF RAILWAY

ALUM. RAPID DISCHARGE ROTARY

BNSF 652575-653348*

ROTARY END



NON-ROTARY END

GENERAL CAR INFO		DIMENSIONS/CAPACITIES		SPECIALTY SUPPLIERS AND PART NUMBERS			
Built date	2006	Length (strikers)	50'-5 1/2"	Truck type	ASF, Motion Control	Uncoupling rod - fixed	DU-11581 Stanrail
Car builder	FCA (Roanoke)*	Coupled length	53'-1"	Bolster AAR Code	B9A-944N-FX	Uncoupling rod - rotary	DU-11580 Stanrail
AFE number		Truck ctrs.	40'-6"	Side Frame AAR Code	F9A-11HN-UA	Follower - fixed	ASF
Builder Lot No.	1466-101- Roanoke	Inside length	47'-9 1/8"	Bolster Pattern #	473-B	Follower - rotary	ASF
	1460-069 Johnstown	Inside width	10'-1 3/8"	Side Frame Pattern #	478	Draft Gear	Miner Crown SE
	1466-110 Roanoke	Width (top cords)	10'-8"	Truck spring group	7 D-5 O, 7 D-5 I	Brake system	Body mounted
AAR Mech. Des.	HTS	Extreme width	10'-8"	Snubbing type	ASF, Motion Control	Control valve	NYAB DB60
AAR Car Code	K341	Extreme Width Height	13'-3"	Snub. sprg. group	2-ASF-5062-O, 2-ASF-5063-I	Pipe block	NYAB SS
GST Code	H9R	Extreme height	13'-4"	Column wear plate	ASF	Brake cylinder	Elcon 10 x 12 (Fab)
Clearance plate	B	Door Height ATR	13" (Empty Car)	Pedestal roof liners	None	Empty load brake	WABCO 40% ELX-S
C.G. - Empty		Volume	4200 cu. ft.	Axle	STD Forge, Grade F, 1/8 in OS	Slack adjuster	Elcon National 2000-DJ
C.G. -loaded level full		Volume- 10" avg. heap	4603 cu. ft.	Wheels	Griffin, CH-36	Brake beam	Miner
C.G. - Loaded 10" heap	94.7"	Gross rail load	286,000 lbs.	Roller bearing	Timken, 6 1/2 x 9"	Brake beam wear elim.	Zeftek ZT-1696-NH
Min. curve-Coupled		Lightweight	49,400 lbs.	Adapter	ASF Pennsy Adapter Plus	Brake shoes	2" Tread Guard (Day One)
Min. curve-Uncoupled		Load limit	236,600 lbs.	Truck side bearing	Stucki CCB6000-XT	Handbrake	Klasing, 1700
Vertical curve uncoupled				Horz. center plate liner	Zeftek ZT-561 (Gray)*	Brake step	Morton
Braking ratio - Empty	21.10%	Degree Slope of floor sheets		Vertical wear ring	Type 304 Stainless	End platform	Morton
Braking ratio - Loaded	11.20%	End-Upper Intermediate & Crossridge - 45		Coupler - fixed	ASF F70DE	Spool Valve	LexAir*
Braking ratio - H.B.	10.70%	Lower Intermediate Floor - 50		Couple - rotary	ASF, FR304WE	Check valve	Stratoflo 3/4"
		Longitudinal Hoods - 60		Knuckle	ASF, F51AE	Air filter	Monnier PN 92226
FORMER ROAD NUMBERS				Knuckle Pin	Zeftek	Door cylinder	RexRoth P188703
				Yoke - fixed	ASF Y45AE	Pickup shoe	Miner
NEW				Yoke - rotary	ASF 3748CE	Dump line connect-door	Strato
				Draft sill - Rotary	ASF Cast 3956C-9	Door mechanism	AutoFlood III
NOTES AND EXCEPTIONS:				Draft sill - Non-Rotary	ASF Cast 3956C-9		
				Front draft lug	Integral	Paint - Flat Black (underframe)	
				Rear draft lug	Integral		Davis Frost DF-14-B627
				Center plate	16" - 1 3/4" Engagement		
				Cp. carr. wear plt.	Mang. steel		
Drawn 02/23/2006 PLW, Revised 8/01/2006 PLW - Revised Spring Group 4/2/09 PLW							
*BNSF 562575-652699 equipped with Zeftek ZT-371 (Yellow) wear liner.							
*BNSF 653265, 653266, 653267, 653268, 653326, and 653327 have Breco Thin Gap bearings.							
*2nd Train - BNSF 652700-652828 and double rotary BNSF 699626 built at Johnstown, PA.							
*BNSF 653091-653348 Equipped with RexRoth Spool Valve PN R434000074							
* Double rotary cars BNSF 699621-699626							