

Strategically engineered Solutions.



Building OE-Quality Components.



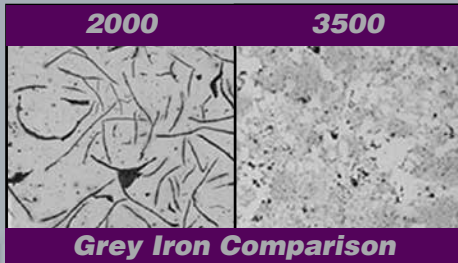
**35K<sup>TM</sup>**

**OE-GRADE  
BRAKE DRUMS**

**POSITIVE  
PERFORMANCE  
WITH INTENTIONAL  
ENGINEERING**

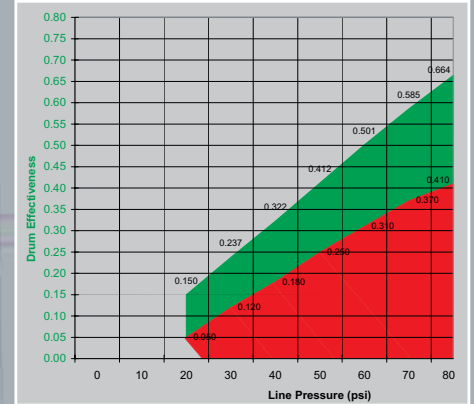
# OE-GRADE BRAKE DRUMS

**Silverback 35K™** heavy duty brake drums are made to OEM standard 3500 grey iron and state-of-the-art computer aided mill balancing for improved performance. This 3500 grey iron has a tensile strength of 35,000 psi, yielding denser iron to dissipate wheel end heat buildup and enhance braking performance.



Drums made to aftermarket standards are manufactured with a porous grey iron (with a tensile strength as low as 20,000 psi) that retains heat due to a high content of micro-air pockets in the iron. This lower quality makes drums susceptible to fatigue, excessive wear and thermal shock.

The **Silverback 35K™** drum is engineered and manufactured with OEM-specified 3500 grey iron to provide excellent torque in braking as shown in the Drum Effectiveness chart. This exceptional performance was noted as the **Silverback 35K™** drums passed FMVSS certification.



**ABOVE:** Independent testing shows that **SILVERBACK 35K** drums prove to be **FMVSS121** compliant and show improved torque performance.

## What You Need to Know About Drum Balancing Techniques

Drum balancing techniques can vary from manufacturer to manufacturer. Actual road performance can also vary. The two most common types of balancing used in the industry are machine balancing, which grinds a deep groove into the lip of the drum wall, and weight-added balancing, which welds weights onto the outside of the drum.

Machine balancing relies on a crude method of removing a large amount of iron from a small portion of the drum. These grooves that are ground into the drum wall lip by high speed grinders can be as much as one-half inch deep and create "hot spots" on the drum wall which can fatigue under severe stress.

Weight-added balancing does not compromise the drum wall, but the weights can fall off under severe conditions.

Both methods are also prone to losing their balancing when ice, snow, mud or road sediments accumulate in the grooves or added weights.

### **SILVERBACK 35K™** **USES COMPUTER-AIDED BALANCING**

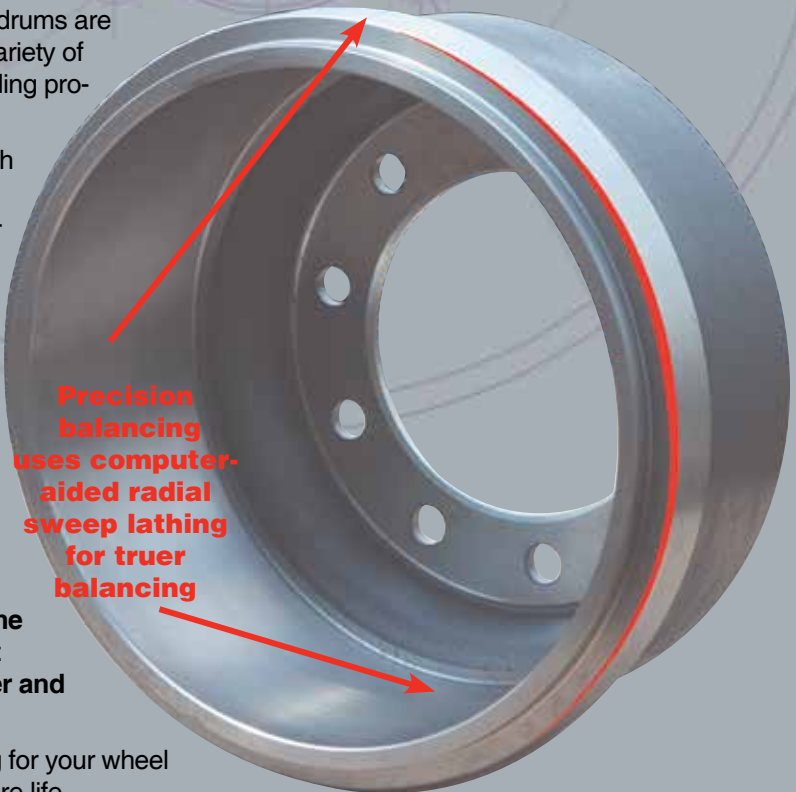
**Silverback 35K™** drums are balanced using a variety of computer-aided milling processes.

Our team works with metallurgists and industry professionals to ensure that Silverback 35K drums meet the rigid specifications adopted by North America's TMC (Technology and Maintenance Council).

**Every Silverback drum is balanced to meet some of the industry's highest standards for steer and drive axles.**

Precision balancing for your wheel ends will increase tire life,

improve brake function and lower your fleet's cost per mile.





• **Available  
In A Wide  
Assortment  
Of Industry  
Applications**



- **Engineered and manufactured with OEM-specified 3500 grey iron**
- **State-of-the-art computer-aided balancing**
- **ALL Silverback drums are balanced**
- **FMVSS121 tested**



• **RSD Sizes Available**

• **Severe  
Duty  
Drums  
Available**





Silverback Part #	Gunite	Webb	Overall Depth	Brake Surface Width	Pilot Dia.	Bolt Hole No.	Bolt Circle	Bolt Hole Size	Flange Thickness
25BD46CB	2546C	68765B/F	8.75	7.50	9.50	5/6*	11.25	0.65 / 0.81	0.44
27BD05B	2705X	62200B/F	9.50	7.56	9.44	10	11.25	0.93	0.43
29BD83CB	2983CX	67518B/F	8.41	7.63	9.44	5/6*	11.00	0.65 / 0.78	0.56
29BD97DB	2997D	62997B/F	8.74	7.58	10.50	5/6	12.75	0.78	0.60
30BD18AB	3018A	68730B/F	8.74	7.50	9.50	10	11.25	0.81	0.69
30BD22BB	3022BX	65266B/F	7.43	6.40	11.25	6	12.75	0.78	0.56
31BD20B	3120X	60876B/F	10.74	7.52	9.44	10	11.25	0.84	0.59
31BD41BB	3141BX	66875B/F	10.59	7.75	9.00	8	10.82	1.00	0.50
31BD41B	3141X	66895B/F	10.59	7.75	9.00	10	11.25	0.81	0.50
31BD58B	3158X	65541B	8.91	4.40	9.00	10	11.25	1.25	0.62
31BD66B	3166X	66893B/F	10.59	7.63	8.53	10	11.25	0.81	0.44
31BD74B	3174	63617F	8.88	8.00	8.50	6	10.00	0.65	0.50
31BD97B	3197X	61788F	8.24	7.50	11.00	6	12.75	0.64	0.50
32BD66B	3266X	N/A	8.20	7.40	11.25	6	12.76	0.78	0.60
32BD95AB	3295AX	68981B/F	8.46	7.41	11.25	5/6*	12.75	0.78	0.56
34BD02B	3402X	66873B/F	10.30	7.40	8.78	10	11.25	1.00	0.50
34BD67BB	3467B	63637B/F	9.10	8.00	7.00	6	8.25	0.65	0.52
35BD57B	3557	63631B/F	10.47	8.24	7.12	10	8.75	0.81	0.50
35BD76B	3576X	66661B/F	10.54	7.60	8.78	10	11.25	1.00	0.50
36BD00AB	3600AX	66864B/F	10.56	7.60	8.78	10	11.25	1.00	0.53
36BD87B	3687X	65152B/F	9.74	6.52	8.78	10	11.25	1.25	0.62
36BD99B	3699X	66852B/F	10.38	7.70	8.53	10	11.25	0.81	0.53
37BD10B	3710X	65710B/F	9.04	5.38	8.78	10	11.25	1.25	0.50
37BD21AB	3721AX	61528B/F	8.79	4.78	8.78	10	11.25	1.25	0.50
37BD44B	3744X	61991B	11.90	9.30	8.78	10	11.25	1.00	0.50
37BD53B	3753X	61950B	10.28	7.14	8.78	10	11.25	1.00	0.50
37BD57B	3757X	66353B/F	11.18	7.44	8.78	10	11.25	1.00	0.50
37BD58B	3758X	65161B	9.37	5.43	8.78	10	11.25	1.25	0.50
37BD60BB	3760BX	65514B/F	5.85	4.61	9.25	5/6*	11.25	0.78	0.50
37BD74B	3774X	65154B	9.33	5.42	8.78	10	11.25	1.25	0.50
37BD82B	3782X	66800B/F	11.06	8.60	8.78	10	11.25	1.00	0.53
37BD96B	3796X	66826B	10.12	7.50	8.78	10	11.25	1.00	0.50
38BD00B	3800X	65548B/F	9.18	4.66	8.78	10	11.25	1.25	0.50
38BD07AB	3807AX	66809B/66854B	11.39	9.08	8.78	10	11.25	1.00	0.62
38BD87B	3887	63680F	11.22	10.00	9.00	8	10.82	1.00	0.50
38BD89B	3889X	65670B/F	10.82	7.70	8.78	10	11.25	1.00	0.50
86BD56B	8656X	68897B/F	7.93	7.31	11.00	6	12.75	0.65	0.41

\*Drums with a bolt hole count of 5/6 will generally be drilled with more than 6 holes both applications.

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**Silverback HD Products**  
**5600 Timberlea Blvd.**  
**Mississauga, Ontario L4W 4M6**  
**Toll Free: 855-244-7272 (SBSB)**  
**tech.support@silverbackhd.com**

