



# TYPE DNE SINGLE-PHASE LINE REACTORS



## Construction

- ➔ Open construction (IP 00, incorporation up to max. IP 23)
- ➔ Resting on angular feet (DIN 41307)
- ➔ Depending on rated current: screw terminals or flat termination with bolt
- ➔ Very low-noise due to special core assembly and high-grade vacuum impregnation in black polyester impregnating resin
- ➔ Wear-resistant, heat, UV and solvent resistant nameplate
- ➔ **Special versions** available on request

## Specifications

Supply voltage	max.	1000 V
Output	max.	50 kVAr
Current	max.	1600 A
Frequency	max	400 Hz
Protection class		I
Protection index		IP 00
Insulation class		B/F
Ambient temperature	max.	40° C

## Overview

Size	Design rating	Total weight appr. kg	Copper weight appr. kg	a <sub>1</sub>	b <sub>1</sub>	a <sub>2</sub>	Dimensions			
	kVAr						b <sub>2</sub>	a <sub>3</sub>	b <sub>3</sub>	c
approx.mm										
123	2.5	24.0	8.7	196	122	124	94	10	18	260
124	3.2	30.0	10.0	196	147	124	119	10	18	260
127	5.0	39.0	15.0	235	153	144	125	10	18	310
128	6.3	45.0	16.0	235	168	144	140	10	18	310
129	8.0	51.0	17.0	235	183	144	155	10	18	310
130	10.0	61.0	24.0	275	173	176	143	12	18	360
131	12.5	77.0	27.0	275	203	176	173	12	18	360
133	16.0	88.0	36.0	313	193	196	157	13	18	420
134	20.0	107.0	39.0	313	220	196	184	13	20	420
135	25.0	128.0	43.0	313	250	196	214	13	20	420
137	32.0	140.0	45.0	380	500	190	450	13	20	640
139	40.0	170.0	53.0	380	500	190	450	13	20	640
140	50.0	215.0	70.0	480	530	240	450	13	20	640

Copyright © 2002-2005 SBA

**SBA-TrafoTech GmbH**  
Winkelleite 14  
91332 Heiligenstadt, Germany  
Telephone +49 (0)9198/8 09-19  
Facsimile +49 (0)9198/8 09-30  
[sales@sba.de](mailto:sales@sba.de)

**SBA-Trafobau Jena GmbH**  
Ilmstraße 18  
07743 Jena, Germany  
Telephone +49 (0)3641/4514-0  
Facsimile +49 (0)3641/4514-30  
[info@sba.de](mailto:info@sba.de)

Internet: [www.sba.de](http://www.sba.de)