

Brake Resistors



Brake resistor				
Models	HLR01.1N-0300-N17R5-A-007-NNNN	HLR01.1N-0470-N11R7-A-007-NNNN	HLR01.1N-0780-N07R0-A-007-NNNN	HLR01.1N-1K08-N05R0-A-007-NNNN
Maximum energy consumption	37 kW	56 kW	93 kW	130 kW
Braking power				
- Duration	0,30 kW	0,47 kW	0,78 kW	1,08 kW
- max.	37 kW	56 kW	93 kW	130 kW
- t on time	1 s	1 s	1 s	1 s
- t cycle time	120 s	120 s	120 s	120 s
Resistance	20,5 Ω	13,7 Ω	8,2 Ω	5,8 Ω
Mechanical data				
- Height H	300 mm	300 mm	300 mm	300 mm
- Width W	123 mm	223 mm	223 mm	350 mm
- Depth D	196 mm	210 mm	210 mm	220 mm
- Mass	3 kg	4,5 kg	5,5 kg	8 kg

Brake resistors, heavy-duty version								
Models	HLR01.1N-01K8-N40R0-A-007-NNNN	HLR01.1N-03K8-N40R3-A-007-NNNN	HLR01.1N-02K4-N28R0-A-007-NNNN	HLR01.1N-05K5-N28R2-A-007-NNNN	HLR01.1N-01K6-N18R0-A-007-NNNN	HLR01.1N-03K5-N19R0-A-007-NNNN	HLR01.1N-04K5-N18R0-A-007-NNNN	HLR01.1N-06K5-N18R0-A-007-NNNN
Maximum energy consumption	72 kW	300 kW	100 kW	420 kW	109 kW	252 kW	432 kW	686 kW
Braking power								
- Duration	1,8 kW	3,8 kW	2,4 kW	5,5 kW	1,6 kW	3,5 kW	4,5 kW	6,5 kW
- max.	18 kW	18 kW	26 kW	26 kW	34 kW	31 kW	33 kW	33 kW
- t on time	4 s	16,7 s	3,9 s	16,2 s	3,3 s	8 s	13 s	21 s
- t cycle time	120 s	120 s	120 s	120 s	120 s	120 s	120 s	120 s
Resistance	40,0 Ω	40,3 Ω	28,0 Ω	28,2 Ω	20,0 Ω	21,3 Ω	20,2 Ω	20,2 Ω
Mechanical data								
- Height H	i.v.	i.v.	i.v.	i.v.	586 mm	270 mm	270 mm	270 mm
- Width W	i.v.	i.v.	i.v.	i.v.	185 mm	300 mm	400 mm	400 mm
- Depth D	i.v.	i.v.	i.v.	i.v.	120 mm	490 mm	490 mm	490 mm
- Mass	i.v.	i.v.	i.v.	i.v.	5,2 kg	9,5 kg	13 kg	13 kg

Brake resistors, heavy-duty version								
Models	HLR01.1N-10K0-N18R0-A-007-NNNN	HLR01.1N-02K0-N15R0-A-007-NNNN	HLR01.1N-05K0-N15R0-A-007-NNNN	HLR01.1N-07K0-N14R0-A-007-NNNN	HLR01.1N-09K5-N13R0-A-007-NNNN	HLR01.1N-14K5-N13R0-A-007-NNNN	HLR01.1N-04K5-N07R4-A-007-NNNN	HLR01.1N-08K5-N08R0-A-007-NNNN
Maximum energy consumption	1.080 kW	137 kW	360 kW	672 kW	1.003 kW	1.566 kW	246 kW	612 kW
Braking power								
- Duration	10 kW	2 kW	5 kW	7 kW	9,5 kW	14,5 kW	4,5 kW	8,5 kW
- max.	33 kW	40 kW	40 kW	43 kW	46 kW	46 kW	81 kW	75 kW
- t on time	32 s	3,4 s	9 s	16 s	22 s	34 s	3 s	8,2 s
- t cycle time	120 s	120 s	120 s	120 s	120 s	120 s	120 s	120 s
Resistance	20,2 Ω	16,7 Ω	16,9 Ω	15,7 Ω	14,6 Ω	14,6 Ω	8,3 Ω	9,0 Ω
Mechanical data								
- Height H	270 mm	686 mm	270 mm	270 mm	270 mm	270 mm	270 mm	270 mm
- Width W	600 mm	185 mm	400 mm	600 mm	600 mm	800 mm	300 mm	600 mm
- Depth D	490 mm	120 mm	490 mm	490 mm	490 mm	490 mm	490 mm	490 mm
- Mass	22 kg	6,2 kg	13 kg	22 kg	22 kg	33 kg	9,5 kg	22 kg

Brake resistors, heavy-duty version								
Models	HLR01.1N-11K0-N07R3-A-007-NNNN	HLR01.1N-15K0-N08R1-A-007-NNNN	HLR01.1N-24K0-N07R2-A-007-NNNN	HLR01.1N-06K5-N06R1-A-007-NNNN	HLR01.1N-12K5-N05R5-A-007-NNNN	HLR01.1N-17K0-N05R1-A-007-NNNN	HLR01.1N-23K0-N05R5-A-007-NNNN	HLR01.1N-36K0-N05R4-A-007-NNNN
Maximum energy consumption	1.056 kW	1.584 kW	2.592 kW	356 kW	900 kW	1.632 kW	2.429 kW	3.888 kW
Braking power								
- Duration	11 kW	15 kW	24 kW	6,5 kW	12,5 kW	17 kW	23 kW	36 kW
- max.	82 kW	74 kW	83 kW	98 kW	109 kW	117 kW	109 kW	111 kW
- t on time	13 s	21 s	31 s	3,6 s	8,3 s	14 s	22 s	35 s
- t cycle time	120 s	120 s	120 s	120 s	120 s	120 s	120 s	120 s
Resistance	8,2 Ω	9,1 Ω	8,1 Ω	6,9 Ω	6,2 Ω	5,7 Ω	6,2 Ω	6,1 Ω
Mechanical data								
- Height H	270 mm	270 mm	710 mm	270 mm	270 mm	270 mm	710 mm	710 mm
- Width W	600 mm	800 mm	795 mm	400 mm	800 mm	1.000 mm	595 mm	998 mm
- Depth D	490 mm	490 mm	490 mm	490 mm	490 mm	490 mm	490 mm	490 mm
- Mass	22 kg	33 kg	80 kg	13 kg	33 kg	43 kg	56 kg	93 kg