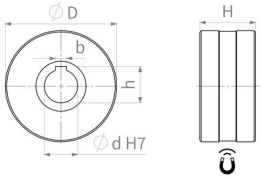
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Magnetic wheels Neodymium-iron-boron (NdFeB)

Magnetic wheels with two-pole pitch made of NdFeB, bore with fit tolerance H7 and groove



Article number	D mm	d mm	H mm	b mm	h mm	Adhesive force* N	Temperature °C
HRZ25	$25^{+0.1}/_{-0.1}$	8	$16^{+0.5}/_{-0.5}$	3	8.6	45	100
HRZ32	$32^{+0.1}/_{-0.1}$	10	$18^{+0.5}/_{-0.5}$	4	11.1	65	100
HRZ40	$40^{+0.1}/_{-0.1}$	12	$20^{+0.5}/_{-0.5}$	4	13.1	90	100
HRZ50	$50^{+0.1}/_{-0.1}$	16	$25^{+0.5}/_{-0.5}$	5	17.3	140	100
HRZ63	$63^{+0.15}/_{-0.15}$	20	$32^{+0.5}/_{-0.5}$	6	21.7	270	100
HRZ80	$80^{+0.15}/_{-0.15}$	25	$40^{+0.5}/_{-0.5}$	8	26.7	380	100
HRZ100	$100^{+0.2}/_{-0.2}$	30	$50^{+0.5}/_{-0.5}$	8	31.7	580	100
HRZ125	$125^{+0.2}/_{-0.2}$	40	$62^{+0.5}/_{-0.5}$	12	42.1	1,000	100
HRZ160	$160^{+0.25}/_{-0.25}$	50	$80^{+0.5}/_{-0.5}$	14	52.6	1,800	100

PRODUCT INFORMATION:

Magnetic wheels, also known as **magnetic wheels**, are particularly suitable for transporting sheet metal, pipes and profiles made of ferromagnetic materials. They offer a reliable solution for suspended and horizontal transport, even under difficult conditions. Due to their magnetic attraction, they attract the metal part to be conveyed and take on the function of a pressure roller.

* The forces have been determined at room temperature on a polished plate made of steel (S235JR according to DIN 10 025) with a thickness of 10 mm (1kg~10N). A deviation of up to -10% from the specified value is possible in exceptional cases. In general, the value is exceeded. The type of application (installation situation, temperatures, counter anchors, etc.) sometimes influence the forces enormously. The values given are for orientation purposes. Let our experts advise you.

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