

HYDRAULIC HOSE & PROTECTION

HB5000+ - Four-Spiral Performance Hydraulic Hose

HB5000+ - Four-Spiral Performance Hydraulic Hose configurations for the specified hydraulic duty.

Construction & technical characteristics

Characteristic	Specification
Inner tube	Oil- and water-resistant synthetic rubber
Reinforcement	Four layers of high-tensile steel wire
Outer cover	Hybrid abrasion-resistant synthetic rubber; ozone/weather resistance stated
Operating temperature	-40 to +120 °C
Construction standard	Exceeds DIN EN856 / Exceeds ISO18752 / ISO1307 referenced; exact class not stated
Nominal safety factor	4:1

Ordering references: HB5000-06 / HB5000-08 / HB5000-10 / HB5000-12 / HB5000-16 / HB5000-20 / HB5000-24 / HB5000-32

Hose dimensions & operating limits

Part code	Bore (in)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
HB5000-06	3/8	19.8	380	1520	65	0.63
HB5000-08	1/2	22.5	350	1400	80	0.77
HB5000-10	5/8	26.1	350	1400	100	0.95
HB5000-12	3/4	29.2	350	1400	120	1.09
HB5000-16	1	36.5	350	1400	150	1.81
HB5000-20	1-1/4	45	350	1400	210	2.56
HB5000-24	1-1/2	51.9	300	1200	250	3.03
HB5000-32	2	66.4	250	1000	315	4.24

Ratings apply to the exact part code and specified construction. Fluid compatibility, temperature derating and the complete assembly must suit the operating duty. Values marked Confirm require configuration verification.

Application & quotation checklist

Inside diameter and overall length; Working pressure and pressure peaks; Fluid and operating temperature; End connections, orientation and routing

Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.