

## ERHARD Ball Valves, PN 16

of cast iron,  
with stem gearbox and handwheel

Range of application: water, sewage, sludge<sup>1)</sup>

Size DN	Pressure rating PN	Hydrost. test pressure in bars for		Max. admissible working pressure in bars at a work. temp. of up to 50 °C
		body	seat	
350 - 1200	16	25	17,6	16

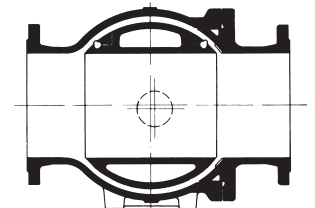
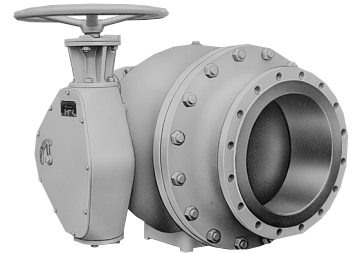
When placing the order, please specify working pressure, flow rate, flow medium, and working temperature.

Flanges B, DN 350 - 1200, PN 16, GI, type 21, EN 1092-2.

Materials/Equipment <sup>4)5)</sup>

Corrosion protection	<b>EKB</b> epoxy coating, blue, RAL 5015
Body	Lamellar cast iron EN-JL1040 <sup>6)</sup>
Ball plug	Lamellar cast iron EN-JL1040 <sup>6)</sup>
Body seat, internal bolts, drive shaft, and trunnion	Stainless steel
Ball sealing ring	Elastomer
Clamping ring	Stainless steel <sup>6)</sup>
Bearing bushes	Bronze
Gearbox case and handwheel	Cast iron
Gearbox fork	Ductile cast iron EN-JS1050 <sup>7)</sup>
Stem nut	Special brass
Stem	Stainless steel
Gearbox arrangement	On the right seen in flow direction A

epoxy coating  
**EKB**  
epoxy coating



### Dimensions

Size DN	Face-to-face dim. L mm	Height			Flange dia. D mm	Hand- wheel dia. d mm	Space requirement		Hand- wheel turns per travel approx.	Weight <sup>2)</sup> kg	Volume m <sup>3</sup>
		h <sub>1</sub> mm	h <sub>2</sub> mm	h <sub>3</sub> mm			e <sub>1</sub> mm	e <sub>2</sub> mm			
350	850	350	435	460 <sup>3)</sup>	520	500	405	482	43	790	0,9
400	950	380	490	425 <sup>3)</sup>	580	350	440	555	37	1000	1,12
450	1050	420	515	510	640	500	490	580	51	1300	1,3
500	1150	470	575	510	715	500	535	625	51	1670	1,7
600	1350	550	645	660	840	250	630	733	228	2720	2,4
700	1550	635	740	660	910	250	700	805	228	3520	3,5
800	1750	710	830	760	1025	500	810	920	284	5000	5,1
900	1950	780	870	760	1125	500	850	960	284	6300	6,7
1000	2150	865	1015	760	1255	500	935	1045	284	7600	9
1200	2400	1100	1250	900	1485	720	1250	1360	284	17000	16

<sup>1)</sup> Other flow media on request.

<sup>2)</sup> Net (without obligation).

<sup>3)</sup> With inspection orifice: 540 mm.

<sup>4)</sup> With inspection orifice, electric, hydraulic, pneumatic or weight-loaded hydraulic actuator on request.

<sup>5)</sup> On request for buried service.

<sup>6)</sup> Corresponding to former DIN description 0.6125 (GG-25).

<sup>7)</sup> Corresponding to former DIN description 0.7050 (GGG-50).

