

Series E3243

E3243-EN-202008

Gate Valve

Size: DN50-DN600

The main function of Series E3243 is to realize the on-off function of pipeline system. It can be used in plumbing, HVAC, irrigation, commercial and industrial application.

Features

- Resilient seating
- Inside screw
- Superior stem packing with three O ring, one primary O ring seal and dust seal
- High strength thrust collar
- Epoxy Coating

Typical Application

- Water Works
- Environmental Protection
- Public Facilities
- Electricity and Utilities
- Building
- Paper industry

Material

NO.	Component	Material	Standard
1	Body	Ductile Iron GGG50	EN 1563
2	Disc	Ductile Iron + EPDM	EN 681-1
3	Stem Nut	Brass Hpb59-1	EN 12164
4	Bonnet Gasket	EPDM	EN 681-1
5	Stem	SS420	EN 10088-1
6	Bonnet	Ductile Iron GGG50	EN 1563
7	O ring	EPDM	EN 1563
8	Gland	Ductile Iron GGG50	EN 1563
9	Handwheel	Ductile Iron GGG50	EN 1563
10	Bolts	C45E/1045	EN 10088-1
11	Washers	C45E/1045	EN 12164
12	Dust Ring	EPDM	EN 681-1
13	O Ring	EPDM	EN 681-1
14	Axle Sleeve	Nylon 66	
15	O Ring	EPDM	EN 681-1
16	Screw	C45E/1045	EN 10083-2

Installation Dimensions

DN	L	H	D	K	n-Φd
50	178	270	165	125	4-Φ19
65	190	310	185	145	4-Φ19
80	203	325	200	160	8-Φ19
100	229	365	220	180	8-Φ19
125	254	400	250	210	8-Φ19
150	267	460	285	240	8-Φ23
200	292	560	340	295	12-Φ23
250	330	650	405	355	12-Φ28
300	356	740	460	410	12-Φ28
350	381	820	520	470	16-Φ28
400	406	900	580	525	16-Φ31
450	432	990	640	585	20-Φ31
500	457	1070	715	650	20-Φ34
600	508	1270	840	770	20-Φ37



Specifications

- Nominal Pressure: PN16
- Temperature Range: 0°C~80°C
- Design Standard: BS5163, EN1171, EN1074-2
- Connection Standard: EN1092-2
- Test Standard: EN12266-1
- Working Medium: Water

Test Pressure

Hydraulic

Shell: 24 bar

Seat: 17.6 bar

Approval

