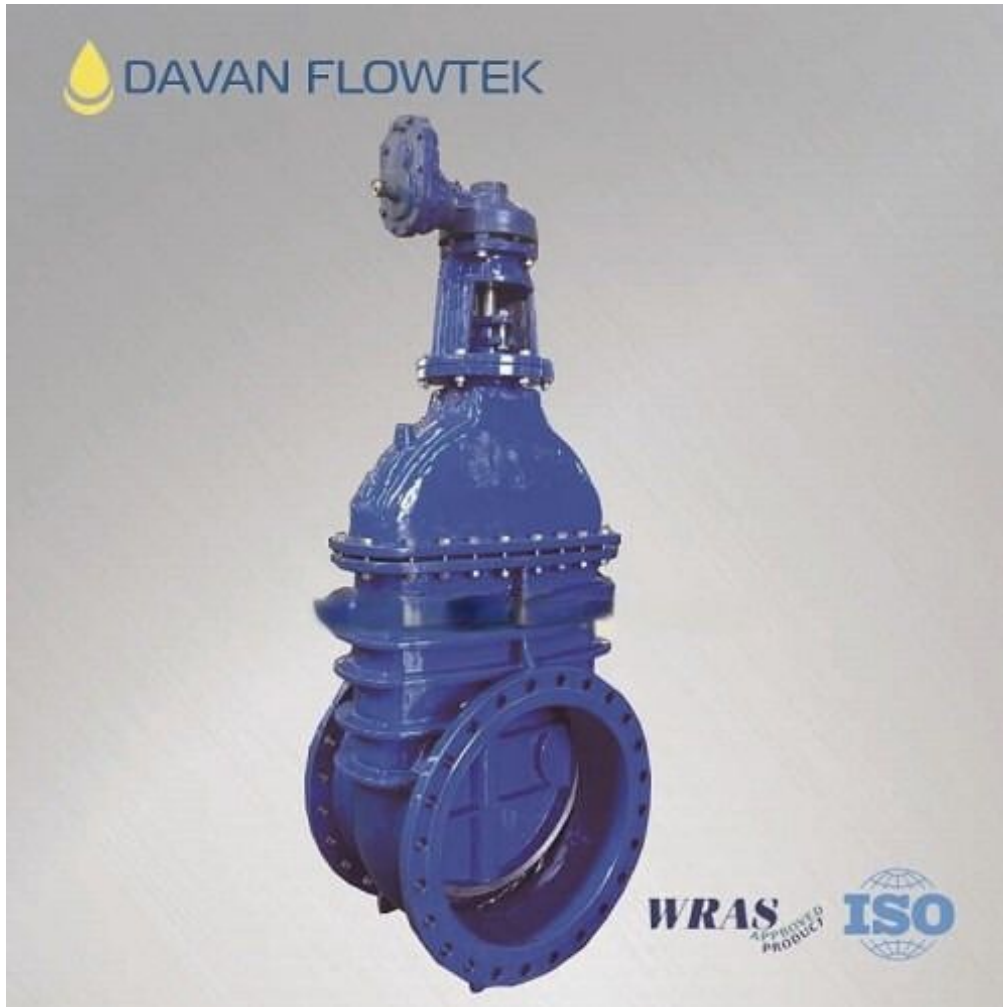


# BS5163

## По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

## bs5163 metal seated gate valve non rising stem



bs5163 metal seated gate valve non rising stem, which can be used in water supply and drainage project.

### Details

#### bs5163 metal seated gate valve technical specification:

**Nominal Diameter:** DN50–DN1400

Nominal Pressure: 10Bar/16Bar

Design Standard: BS5150/BS5163/DIN3352/JIS B2043

FTF Dimension: BS5163/DIN3302 F4/JIS B2002

Flange Connection: ASME B16.1 CL125/ASME B16.5 CL150/

DIN 2501 PN10-16/EN1092 PN10-16 /JIS B2212 10K

Inspection and Test: ISO 5208/EN 12266-1/ API598

# The main advantages of gate valve include:

1. The fluid resistance of the valve is small. Because the valve body of gate valve is straight-through type and the flow of the medium doesn't change direction, the fluid resistance of it is small compared with other kinds of valves.
2. The sealing performance is better than that of other shut-off valve. The opening and closing of it is more conveniently.
3. The range of applications is more wider. In addition to steam, oil and other media, it can be used in medium containing granular solid and with a large viscosity. It can also be used as air-venting valve and low vacuum system valve.
4. Gate valve has dual flow directions. It's not subject to the flow directions of the medium. Therefore, it is suitable for use in pipeline where the medium may change the flow direction. It is also easy to install.

## bs5163 metal seated gate valve non rising stem Material List

1. Body: Cast iron/ Ductile iron
2. Disc: Ductile iron/ SS
3. Bonnet: Cast iron/ Ductile iron
4. Stem: Stainless steel/ Brass
5. O-ring: NBR
6. Nut: Brass/Bronze
7. Seat: Brass/Bronze
8. Operation: Handwheel/Gearbox/Electric/Pneumatic

DN	D1	D2	D3	L	b	t	z-d
50	99	125	165	178	19	3	4-19
65	118	145	185	190	19	3	4-19
80	132	160	200	203	19	3	8-19
100	156	180	220	229	19	3	8-19
125	184	210	250	254	19	3	8-19
150	211	240	285	267	19	3	8-23
200	266	295	340	292	20	3	12-23
250	319	355	405	330	22	3	12-28
300	370	410	460	356	24.5	4	12-28
350	429	470	520	381	26.5	4	16-28
400	480	525	580	406	28	4	16-31
450	548	585	640	432	30	4	20-31
500	609	650	715	457	31.5	4	20-34
600	720	770	840	508	36	5	20-37

Specification		
Nominal Pressure(MPa)	1.6	
Testing Pressure(MPa)	Body	2.4
	Seat	1.75
Working Pressure(MPa)	1.6	
Suitable temperature(°c)	≤100	
Suitable medium	raw sewerage/Water	

1	Body	Ductile iron
2	Nut	Brass
3	Bonnet	Ductile iron
4	Hand wheel	Ductile iron
5	Stem	SS420
6	Disc	Ductile iron
7	Seat	Brass

**Technical Requirement**  
 1.Faces to faces is according to BS5150;  
 2.Flange drilled is according to BS4504.

Drawing No. Date	Rev 01 2015.1.8	Z45T-16-00

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