SEALLON

Flange resilient seat gate valve SG45R-10/16D

i i generation

Seallon Flow Technology



www.seallon.ru





Application



[] Improvement



(S) Technical parameter



Identification



Our flange resilient seat gate valves are used for various systems, such as sewage systems, water systems, industrial systems.



Sewage treatment plants, distribution networks, raw water, digested sewage etc.



Water treatment plants, distribution networks, potable water applications etc.



Chemically contaminated waste water, gas, industrial media, sea water etc.





- Handwheel
- Pakcing gland
- Cover
- Body
- Stem(non-rising)
- Stem nut
- Disc vulcanized with EPDM
- O-ring
- Locknut
- Sealing gasket
- Nut/Screw



The handwheel is made of thicken steel board, figure light but stable, durable and hard to be out of shape



Screw from the stainless steel.
AISI201 steel and more anti-rust and wear-resisted





Easy to rotate the handwheel, controling the disc open or shut-off.





Paint thickness $>300\mu m$



The structure wears

Pressure 2.4 mpa



Face to face dimension by DIN 3202 F4



The inner hole is smoothly casted and painted

Stem is made of stainless steel AlSI420



Stem nut is made of brass

Complex "AISI420 stem" + "Brass nut" = Less torque + longer service

There are different options for materials of stem nut:

- "ductile iron" is more economic;
- "brass" is more durable and anti-rust.







Disc vulcanized with EPDM, rubber content more than 50%.

The flow line of wedged disc is suitable for the contour of the inner chamber.





DESIGN OF TWO COVERS

The square gasket keeps the tightness and good seal between valve's body and cover.





Each screw is protected by its rubber cap



The groove on the cover keeps the gasket from moving or misalignment





Packing gland keeps the tightness and seal between cover and stem





Take off the gland if necessary to replace different sealing O-rings, or move the position retainer to calibrate the position of stem in the disc.











SG45R-16DL 50-600

1260 840

1055 715

880 580

782 520

705 460

602 405

420 285

292 200

241 165

DN

D1

20-36

20-33

16-30

16-26

12-26

12-26

12-22

8-22

8-18

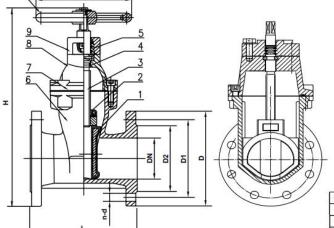
8-18

8-18

4-18

4-18

n-Ød



DN (mm)	50-600			
PN (mpa)	1.6			
Working temp.	-10~120 °C			
Working medium	Hot, cold water, steam, gas e			
Pressure test	Sealling	1.76		
riessure lest	Strength	2.4		

TECHNICAL STANDARDS

- 1. Design and manufacturing standard: DIN 3352;
- 2. Flange standard: DIN2632-2633;
- 3. Face to face standard: DIN 3202 F4;
- 4. Inspection and testing standard: DIN 3230.

-0/ 10					Handy	vheel		П	Steel					
9 8 7		Cover				GGG50								
			1	Bonne	et			GGG50		9				
		Seal			aling gasket		EPDM							
	6				Body)		\neg	GGG5	0				
5 4 3 2 1 NO. C Mark Design Correct Audit		O ring			g		EPDM							
			-	O ring		EPDM					. 10	e :		
				Stem			SS420					1 8	8	
			J.	Stem	nut			Brass						
				Disc			GGG50+EPDM			M				
	NO.	CODE	Ē		DETA	ILS		Qty	MATE	RIAL		Unit	Total GHT	мемо
	E						SEALLON			Seallon Flow Tech.				
	Mark	No.	Change	file No.	Sign	Date	1				Resilient seated			
	Desig	sign		Standard			Drawing ma		Weight	Scale	flange gate valve			
	Сопе	ct	Au		rized		Ш	Т			\vdash			
	Audi	t		Appro	ed by		ш		\perp		SG45R-16DL 50-600			
Tec		nic		Date			Total	page Thepage						

DN	WEIGHT/kg	Torque/HM
50	8	40
65	9	50
80	10	60 800
100	14	100
125	20	150
150	24	200
200	34	250
250	60	350
300	83	400
350	130	600
400	180	800
500	335	1400
600	470	2500





Torque without extra coefficient

SUMMARY



Output of production for one month

200 tons/ month



Manufacturing time for 2-4 containers

30 days after getting prepayment



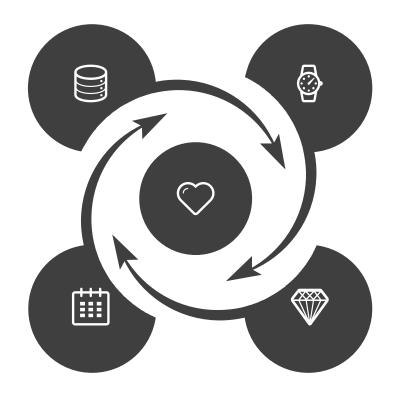
Guarantee period of quality

12 months from the date of installation



Validity of the offer

Prices is valid during 60 days



IDENTIFICATION SEALLON®



Contact

SEALLON has its own manufacturing factories in

- Shanghai
- Tianjin
- Botou

where produce butterfly valves, gate valves, globe valves, check valves, ball valves, couplings (adapters) compensators and etc.

