

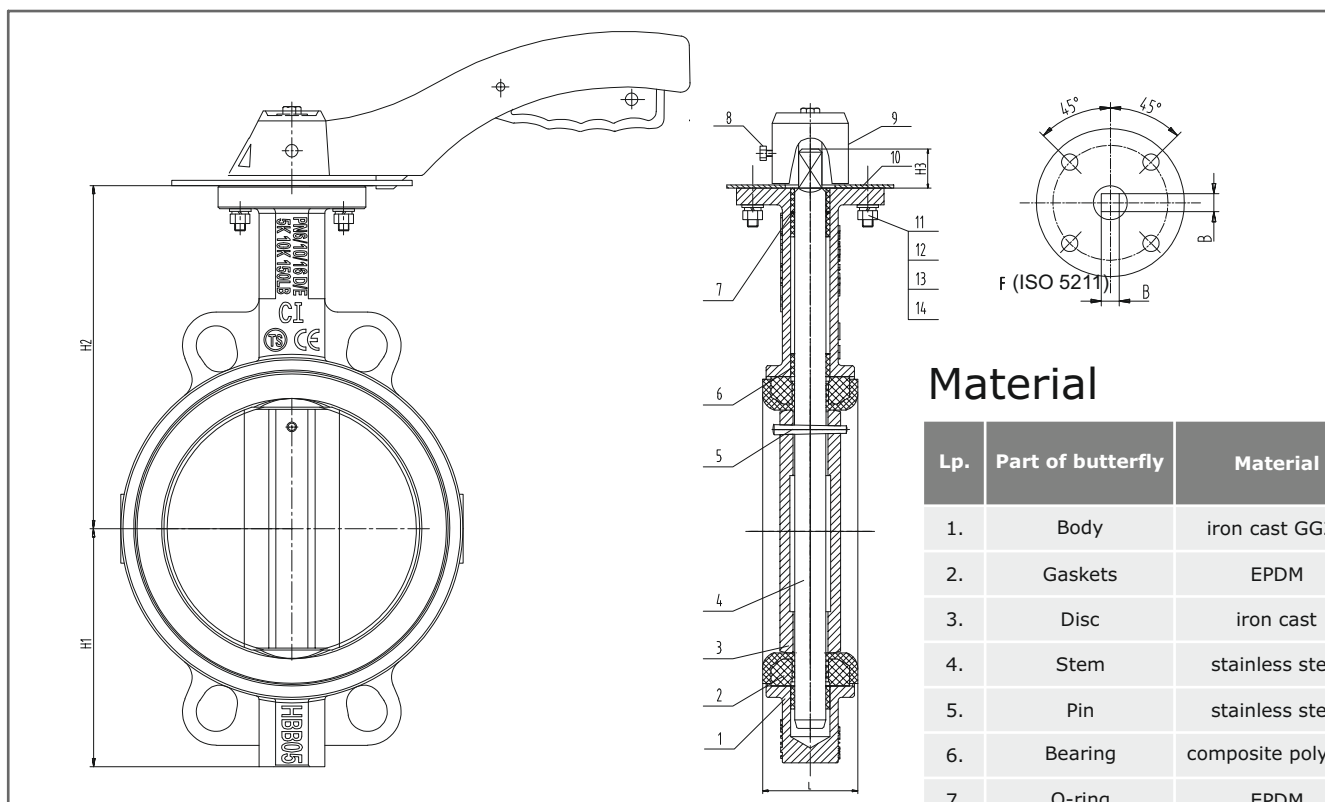


Butterfly valves WX are designed for shutting off and regulating the flow of cold and hot water. They are used in heating systems, sewage systems. Short construction, small pressure losses and simple assembly allow for use wherever it is impossible to install a ball valve. The dampers are available in diameters DN65 - DN 100 with a cast iron disc.

### Technical data:

**Body:** gray cast iron GG25  
**Disc:** GGG40 ductile iron  
**Maximum pressure:** 16 bar  
**Temperature range:** -20 °C to 120 °C

Type	DN	Catalogue number
Butterfly valve with handle <b>WX65</b> , with a cast iron disc	65	T 9260 14 28 00
Butterfly valve with handle <b>WX80</b> , with a cast iron disc	80	T 9260 14 29 00
Butterfly valve with handle <b>WX100</b> , with a cast iron disc	100	T 9260 14 30 00



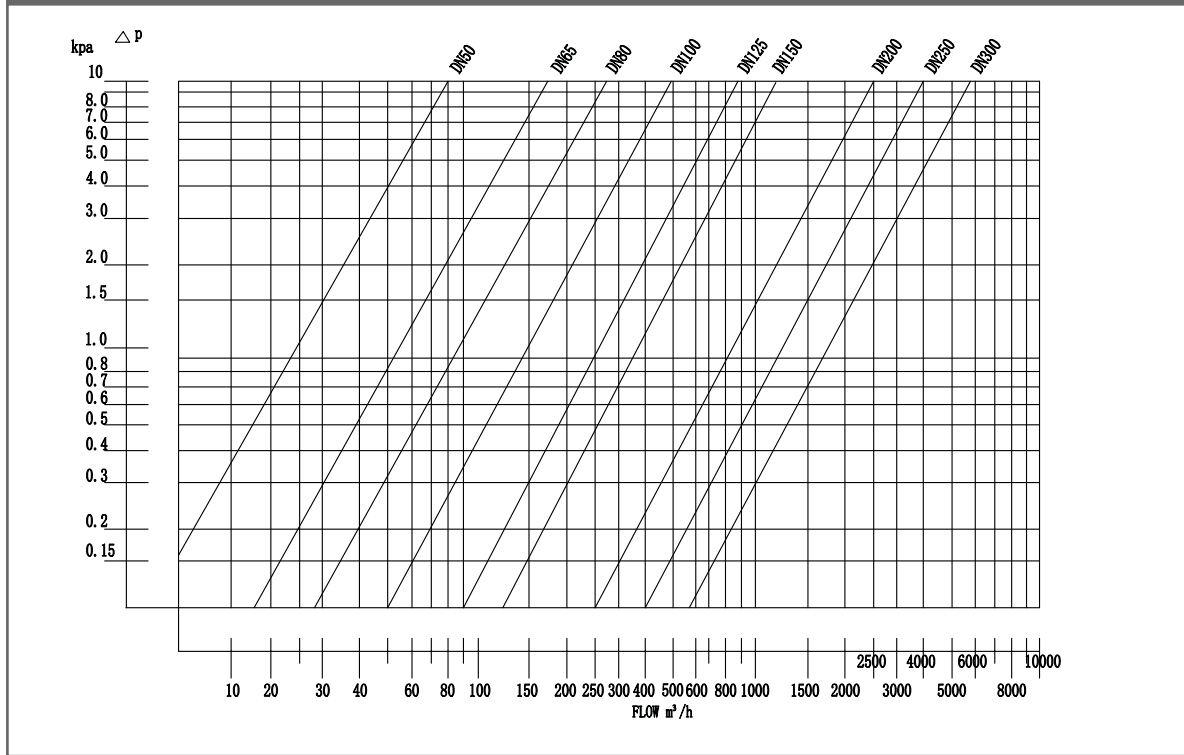
### Material

Lp.	Part of butterfly	Material
1.	Body	iron cast GG25
2.	Gaskets	EPDM
3.	Disc	iron cast
4.	Stem	stainless steel
5.	Pin	stainless steel
6.	Bearing	composite polymer
7.	O-ring	EPDM
8.	Hex bolts	stainless steel
9.	Handle*	aluminum
10.	Scale	galvanized steel
11.	Hex bolts	stainless steel
12.	Spring washer	stainless steel
13.	Nut	stainless steel
14.	Flat Pad	stainless steel

### Dimension

DN	∅	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	B	F	Weight [kg]
65	2 1/2"	82	136	24	46	9	F05	3,2
80	3"	99	153	24	46	9	F05	3,6
100	4"	110	167	24	52	11	F07	5,3

Throttle Pressure Drop Curve Table



kv valve at the disc position									
DN	10°	20°	40°	40°	50°	60°	70°	80°	90°
65	0,09	5	10	21	39	64	102	153	168
80	0,17	8	15	33	60	99	157	236	259
100	0,26	15	31	67	119	197	312	468	514

The amount of torque needed to close or open the throttle				
Size \ Pressure		0.6MPa	1.0MPa	1.6MPa
		DN65	2½"	25.4
DN80	3"	38.7	41.1	43.7
DN100	4"	60.5	67.8	72.8

**Activation**

Any work on the valve may only be carried out by qualified personnel. A competent person within the meaning of these instructions is a person who, thanks to his education, knowledge and professional experience, is able to correctly assess the work entrusted to him, carry it out professionally and recognize and eliminate possible hazards. The device should be used in accordance with the requirements of shut-off valves.

Before installation, the device should be placed in the closed position to prevent damage to the sealing elements of the hatch. Check the cleanliness of the internal surfaces of the damper and the front surfaces of the connections, if necessary, also clean the inside of the device from the protective agent. You should also check the condition of the paint coating and, in the case of minor damage, paint it with paint. Tighten the fixing screws alternately. The surfaces of the flanges of the connected pipes or devices must be in contact along the entire perimeter with the distance limiter milled on the body or flanges of the installed damper.

**Maintenance**

Inspection should be carried out at least once a year to ensure full operational efficiency.

**Maintenance steps:**

- turn the dampers from fully open to fully closed
- in case of perceptible difficulties related to disc movement, i.e. during maximum border control, repeat this procedure 3 times (open and close),
- check the tightness of all connections and gaskets with the valve closed

Device name:

Distribution date:

Date of installation and seal and signature of the installer: