

BIVPLUS GATE VALVE

FEATURES:

- BIVPLUS gate valves (model ZWZ45X TYPE Z) available from **DN50 to DN125**.
- With a retaining ring system for connecting PVC and PE pipes
- Body, cap, gate and counter flanges manufacturing in ductile iron EN-GJS-500-7 (equivalent to GGG50) according to UNE-EN 1563
- Gate coating manufacturing in EPDM and O-rings in NBR according to UNE-EN 681-1
- Stem manufacturing in stainless steel AISI 420 according to UNE-EN 10088-1
- Bolts, nuts (tefloned) and washers manufacturing in stainless steel AISI 304 according to UNE-EN 10088-1
- Retaining rings manufacturing in CW617N according to UNE-EN 12165
- Body, cap, handwheel and counter flanges with blue (RAL 5015) epoxy polyamide coating, average thickness 250µm, according to UNE-EN 14901-1+A1
- Clockwise closure
- Low pressure drop
- **ACS** and **WRAS** certificate for epoxy polyamide coating and EPDM



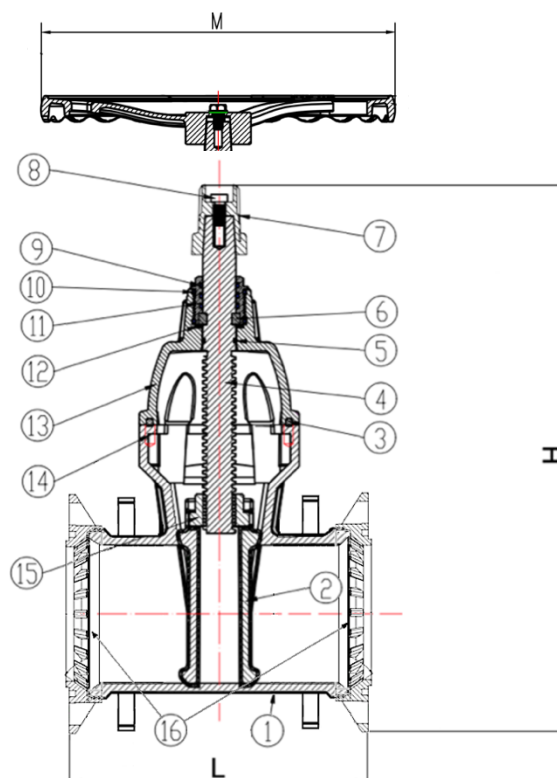
**Drive can be carried out
by a handwheel**



OPERATING CONDITIONS AND TESTS:

- Nominal pressure: PN16
- Operating temperature: 0°C < T < 80°C
- Testing set carried out according to UNE-EN 1074 and UNE-EN 12266
- NSS neutral salt mist tests for high corrosion resistance according to ISO 3768

DIMENSIONS:



REF	DN	L	H	M	BOLTS
1330	50	232	264	180	M12 x 80 (2 units)
1331	65	236	306	200	M12 x 80 (2 units)
1332	80	256	370	220	M12 x 80 (4 units)
1333	100	276	420	220	M12 x 80 (4 units)
1334	125	300	480	280	M12 x 80 (4 units)

MATERIALS:

	DESCRIPTION	MATERIAL
1	Body	EN-GJS-500-7 (equivalent to GGG50)
2	Wedge and wedge coating	EN-GJS-500-7 (equivalent to GGG50) + EPDM
3	Bonnet gasket	NBR
4	Spindle	AISI 420
5	O-ring	NBR
6	Spindle bearing	CW617N
7	Square handle	EN-GJS-500-7 (equivalent to GGG50)
8	Screw	Stainless steel quality A2-70
9	O-ring	NBR
10	O-ring	NBR
11	Thrust nut	CW617N
12	Gasket	NBR
13	Bonnet	EN-GJS-500-7 (equivalent to GGG50)
14	Screws	Stainless steel quality A2-70
15	Wedge nut	CW617N
16	Counter flanges	EN-GJS-500-7 (equivalent to GGG50)