

Series W-W1924-L/G-ME

Lug-Type Butterfly Valve

Size: DN50-DN150(-L) DN50-DN600(-G)

The Watts SeriesW-W1924 butterfly valves are designed and manufactured to meet the stringent requirements of plumbing, HVAC, irrigation, commercial and industrial application.

Features

- Simple structure, easy to operate
- Simple installation, excellent sealing performance
- High reliability and long durability
- Position indicators
- Double regulating feature available on request

Pressure - Temperature

• Nominal Pressure: PN25

• Temperature Range: -20°C~120°C

Test Pressures

Shell: 37.5 bar Seat: 27.5 bar

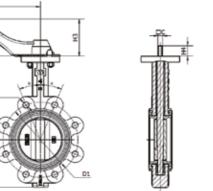
Material

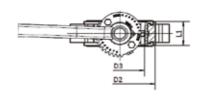
Component	Material	Standard
Body	Ductile Iron	QT450-10
Disc	Stainless Steel	CF8M
	Ductile Iron(Nickel-plated)	QT450-10
	Ductile Iron(Epoxy coated)	QT450-10
Seat	EPDM	
Stem	Stainless Steel	2Cr13
	EPDM	



1. Lug-type lever operated midline butterfly valve (W-W1924-L-ME)

DN	H1	H2	H3	H4	L	L1	С	D1	n×M	α	D2	D3	D4	n× ∮ D	Torque(N.m)	
															Wet	Dry
50	80	161	95	24	215	43	9	φ 125	4XM16	45°	φ 89	φ 51.7	ф 70	4X ∮ 10	20.4	32.7
65	89	175	95	24	215	46	9	φ 145	8XM16	45°	φ 105	ф 63.3	ф 70	4X ∮ 10	23.2	44.1
80	95	160	95	24	215	46	9	φ 160	8XM16	22.5°	φ 120	ф 77.7	φ 70	4X ∮ 10	31.19	59
100	114	200	95	26	215	52	11	φ 190	8XM20	22.5°	φ 148	φ 103.1	φ 70	4X ∮ 10	53.7	98.3
125	127	213	95	26	215	56	14	ф 220	8XM24	22.5°	φ 170	φ 122.2	φ 70	4X ∮ 10	83.6	145.8
150	145.5	226	95	26	215	56	14	ф 250	8XM24	22.5°	ф 203	φ 154.9	ф 70	4X ∮ 10	137.7	234.9
	50 65 80 100 125	50 80 65 89 80 95 100 114 125 127	50 80 161 65 89 175 80 95 160 100 114 200 125 127 213	50 80 161 95 65 89 175 95 80 95 160 95 100 114 200 95 125 127 213 95	50 80 161 95 24 65 89 175 95 24 80 95 160 95 24 100 114 200 95 26 125 127 213 95 26	50 80 161 95 24 215 65 89 175 95 24 215 80 95 160 95 24 215 100 114 200 95 26 215 125 127 213 95 26 215	50 80 161 95 24 215 43 65 89 175 95 24 215 46 80 95 160 95 24 215 46 100 114 200 95 26 215 52 125 127 213 95 26 215 56	50 80 161 95 24 215 43 9 65 89 175 95 24 215 46 9 80 95 160 95 24 215 46 9 100 114 200 95 26 215 52 11 125 127 213 95 26 215 56 14	50 80 161 95 24 215 43 9 φ 125 65 89 175 95 24 215 46 9 φ 145 80 95 160 95 24 215 46 9 φ 160 100 114 200 95 26 215 52 11 φ 190 125 127 213 95 26 215 56 14 φ 220	50 80 161 95 24 215 43 9 φ125 4XM16 65 89 175 95 24 215 46 9 φ145 8XM16 80 95 160 95 24 215 46 9 φ160 8XM16 100 114 200 95 26 215 52 11 φ190 8XM20 125 127 213 95 26 215 56 14 φ220 8XM24	50 80 161 95 24 215 43 9 φ 125 4XM16 45° 65 89 175 95 24 215 46 9 φ 145 8XM16 45° 80 95 160 95 24 215 46 9 φ 160 8XM16 22.5° 100 114 200 95 26 215 52 11 φ 190 8XM20 22.5° 125 127 213 95 26 215 56 14 φ 220 8XM24 22.5°	50 80 161 95 24 215 43 9 φ 125 4XM16 45° φ 89 65 89 175 95 24 215 46 9 φ 145 8XM16 45° φ 105 80 95 160 95 24 215 46 9 φ 160 8XM16 22.5° φ 120 100 114 200 95 26 215 52 11 φ 190 8XM20 22.5° φ 148 125 127 213 95 26 215 56 14 φ 220 8XM24 22.5° φ 170	50 80 161 95 24 215 43 9 φ 125 4XM16 45° φ 89 φ 51.7 65 89 175 95 24 215 46 9 φ 145 8XM16 45° φ 105 φ 63.3 80 95 160 95 24 215 46 9 φ 160 8XM16 22.5° φ 120 φ 77.7 100 114 200 95 26 215 52 11 φ 190 8XM20 22.5° φ 148 φ 103.1 125 127 213 95 26 215 56 14 φ 220 8XM24 22.5° φ 170 φ 122.2	50 80 161 95 24 215 43 9 \$\phi\$ 125 4XM16 45\$\circ\$ \$\phi\$ 89 \$\phi\$ 51.7 \$\phi\$ 70 65 89 175 95 24 215 46 9 \$\phi\$ 145 8XM16 45\$\circ\$ \$\phi\$ 105 \$\phi\$ 63.3 \$\phi\$ 70 80 95 160 95 24 215 46 9 \$\phi\$ 160 8XM16 22.5\$\circ\$ \$\phi\$ 120 \$\phi\$ 77.7 \$\phi\$ 70 100 114 200 95 26 215 52 11 \$\phi\$ 190 8XM20 22.5\$\circ\$ \$\phi\$ 148 \$\phi\$ 103.1 \$\phi\$ 70 125 127 213 95 26 215 56 14 \$\phi\$ 220 8XM24 22.5\$\circ\$ \$\phi\$ 170 \$\phi\$ 122.2 \$\phi\$ 70	50 80 161 95 24 215 43 9 φ 125 4XM16 45° φ 89 φ 51.7 φ 70 4X φ 10 65 89 175 95 24 215 46 9 φ 145 8XM16 45° φ 105 φ 63.3 φ 70 4X φ 10 80 95 160 95 24 215 46 9 φ 160 8XM16 22.5° φ 120 φ 77.7 φ 70 4X φ 10 100 114 200 95 26 215 52 11 φ 190 8XM20 22.5° φ 148 φ 103.1 φ 70 4X φ 10 125 127 213 95 26 215 56 14 φ 220 8XM24 22.5° φ 170 φ 122.2 φ 70 4X φ 10	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$









Specification

• Connection Standard: ISO7005-2:1998

BS EN1092:2-1997 PN25

• Connection Type: Lug Type

 Nominal Diameter: DN50~DN150 Lever DN50~DN600 Gear

Medium: water