

# BUTTERFLY VALVES LD/WD 141 SERIES

## General Purpose Butterfly Valves

### Apollo International LD/WD 141 Series

The Apollo LD141/WD141 Series ductile iron butterfly valves are ideal for use in industrial and HVAC/mechanical applications. The WD141 Series is a wafer style valve and the LD141 Series is a companion lug style.



WD 141  
Wafer

LD 141  
Lug

## FEATURES

- Compatible with ANSI 125# & 150# flanges
- ISO 5211 top plate allows choice of apollo pneumatic actuators and manual operators
- Conforms to MSS SP-67 & API 609
- LD141 Series suitable for end of line service to rated pressure
- 3"-24" meet performance requirements of AWWA C-504

## PRESSURE RATINGS

- 2" to 12": 200 psi
- 14" to 24": 150 psi

### \*Torque Rating (in. lbs.)

Valve Size (in.) (mm)	Full Rated Pressures (psig)				Flow Cv Full Open
	ΔP50	ΔP100	ΔP150	ΔP200	
2 50	100	106	111	117	115
2.5 65	150	163	176	189	196
3 80	207	220	232	244	302
4 100	290	323	357	390	600
5 125	423	481	540	598	1022
6 150	599	691	783	875	1579
8 200	1060	1183	1307	1430	3136
10 250	1671	1872	2074	2275	5340
12 300	2568	2795	3023	3250	8250
14 350	2640	3070	3500	N/A	11917
16 400	4260	4880	5500	N/A	16388
18 450	6287	7243	8200	N/A	21705
20 500	8360	9180	10000	N/A	27908
24 600	15427	16813	18200	N/A	43116

\*Lubricating media service

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Series	Size	Disc Material	Seat Material	Operator
WD141 = Wafer body LD141 = Lug body	02 = 2" 25 = 2.5" 03 = 3" 04 = 4" 05 = 5" 06 = 6" 08 = 8" 10 = 10" 12 = 12" 14 = 14" 16 = 16" 18 = 18" 20 = 20" 24 = 24"	B = Aluminum bronze D = Ductile iron A536 nickel plated S = Stainless steel, CF8M	E = EPDM -30°F to 275°F N = Buna-N 10°F to 180°F	0 = None (bare stem) 1 = 10 position handle 2 = Gear operator 3 = Infinite position handle 4 = Locking handle 5 = Gear operator w/ chainwheel 7 = Locking gear operator 8 = Locking gear operator w/chainwheel