



Drawing#:

**5148YH**

**051 Series  
Ductile Iron Lug  
Resilient Seated  
Butterfly Valve**

**△ P 200/150  
Differential Pressure**

**Sized for 80 PSI**

**Applicable Trims:  
262, 263, 579, 582,  
780, 783, 962**



**REV: 0    Date: 7/08/20**

# AUTOMATED BUTTERFLY VALVE ASSEMBLY

**DOUBLE ACTING  
WITH HANDPUMP  
DWG 1**

**SPRING RETURN  
WITH JACKSCREW  
DWG 2**

**SPRING RETURN  
WITH HANDPUMP  
DWG 3**

For smaller sizes Reference Drawing:

**5148MH**

For Jackscrew/Handpump Free

Option Reference Drawing:

**5148Y0**

\*For MB Actuator Mounted  
Perpendicular to Valve Please  
Contact Manufacturer

\*All dimensions in INCHES \*All weights in POUNDS

\*For valve Specific Features and Dimensions see valve cutsheet

ACTION	SERVICE	SIZE	DWG	A	B	C	D	E	F	H	G	M	MOUNTING	ACTUATOR	MANUAL OVERRIDE	WEIGHT
<b>DOUBLE ACTING</b>	<b>WET MEDIA</b>	18"	1	12.8	29.4	46.1	12.7	22.8	4.5	16 X 1-1/8"-7	13.5	21.0	KY16-D180	SHD16-U025001	HD16-HP-DA	543
		20"	1	14.2	32.1	46.1	14.7	25.0	5.0	20 X 1-1/8"-7	13.5	21.0	KY16-D200	SHD16-U030001	HD16-HP-DA	692
		24"	1	16.5	35.1	46.1	16.1	29.5	6.1	20 X 1-1/4"-7	13.5	21.0	KY16-D240	SHD16-U035001	HD16-HP-DA	909
	<b>DRY AIR</b>	18"	1	12.8	29.4	46.1	12.7	22.8	4.5	16 X 1-1/8"-7	13.5	21.0	KY16-D180	SHD16-U025001	HD16-HP-DA	543
		20"	1	14.2	32.1	46.1	14.7	25.0	5.0	20 X 1-1/8"-7	13.5	21.0	KY16-D200	SHD16-U030001	HD16-HP-DA	692
		24"	1	16.5	35.1	46.1	16.1	29.5	6.1	20 X 1-1/4"-7	13.5	21.0	KY16-D240	SHD16-U035001	HD16-HP-DA	909
ACTION	SERVICE	SIZE	DWG	A	B	C	D	E	F	H	G	M	MOUNTING	ACTUATOR	MANUAL OVERRIDE	WEIGHT
<b>SPRING RETURN</b>	<b>WET MEDIA</b>	12"	2	9.3	25.8	56.3	12.7	17.0	3.1	12 X 7/8"-9	4.2	∅15.8	KY16-D120	SHD16-U025A01	HD16-JS-SR	496
		14"	2	10.3	26.8	56.3	12.7	18.8	3.1	12 x 1"-8	4.2	∅15.8	KY16-D140	SHD16-U025A01	HD16-JS-SR	552
		16"	2	11.8	29.0	56.3	14.7	21.3	4.0	16 x 1"-8	4.2	∅15.8	KY16-D160	SHD16-U030B01	HD16-JS-SR	670
		18"	2	12.8	31.0	56.3	16.1	22.8	4.5	16 X 1-1/8"-7	4.2	∅15.8	KY16-D180	SHD16-U035B01	HD16-JS-SR	799
		20"	3	14.2	34.8	59.4	16.1	25.0	5.0	20 X 1-1/8"-7	13.5	21.0	KY25-D200	SHD25-U035B01	HD25-HP-SR	1159
		24"	3	16.5	39.3	59.4	20.2	29.5	6.1	20 X 1-1/4"-7	13.5	21.0	KY25-D240	SHD25-U043B01	HD25-HP-SR	1476
	<b>DRY AIR</b>	12"	2	9.3	25.8	56.3	12.7	17.0	3.1	12 X 7/8"-9	4.2	∅15.8	KY16-D120	SHD16-U025A01	HD16-JS-SR	496
		14"	2	10.3	26.8	56.3	12.7	18.8	3.1	12 x 1"-8	4.2	∅15.8	KY16-D140	SHD16-U025A01	HD16-JS-SR	552
		16"	2	11.8	29.0	56.3	14.7	21.3	4.0	16 x 1"-8	4.2	∅15.8	KY16-D160	SHD16-U030B01	HD16-JS-SR	670
		18"	2	12.8	31.0	56.3	16.1	22.8	4.5	16 X 1-1/8"-7	4.2	∅15.8	KY16-D180	SHD16-U035B01	HD16-JS-SR	799
		20"	3	14.2	35.8	59.4	18.1	25.0	5.0	20 X 1-1/8"-7	13.5	21.0	KY25-D200	SHD25-U038B01	HD25-HP-SR	1226
		24"	3	16.5	39.9	59.4	20.2	29.5	6.1	20 X 1-1/4"-7	13.5	21.0	KY30-D240	SHD30-U043B01	HD30-HP-SR	1757