

Q455C, D

Valve Linkages



The Q455C, D are valve linkages used to connect a Modutrol motor to a control valve, converting the rotary motion of the motor into the reciprocating motion of a valve, to control the valve position.

The C type is used for low and middle capacity valves and the D type is for high capacity valves.

Specifications

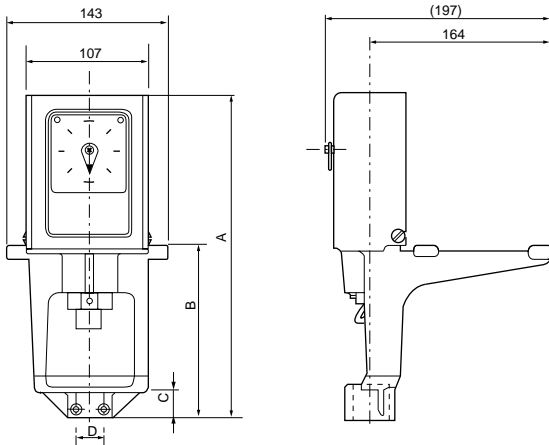
Materials	Frame: Aluminum die cast
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Selection Guide

Model No.	Seal-off force on valve stem	Lift adjustment	Weight
Q455C1052	73kg	9.5 to 19mm	1.82kg
Q455D1051	73kg	9.5 to 38mm	1.94kg

Dimensions

(unit:mm)



Model No.	External dimensions			
	A	B	C	D
Q455C1052	289	153	25	φ34.9
Q455D1051	347	211	83	φ47.9
Q455F1034	289	153	25	φ34.9

Valve/Linkage Selection

Model No.	Valve		Max.pressure difference(kgf/cm ²)	
	Size(")	Cv	Q455C	Q455D
V5011A Single-seated	1/2 x 1/8	0.6	10	-
	1/2 x 1/4	1.0	10	-
	1/2 x 3	2.5	10	-
	1/2 x 1/2	4.0	10	-
	3/4 x 3/4	6.3	10	-
	1 x 1	10.0	10	-
V5063A Single-seated	1/2 x 1/8	0.6	10	-
	1/2 x 1/4	1.0	10	-
	1/2 x 3/8	2.5	10	-
	1/2 x 1/2	4.0	10	-
	1 x 3/4	6.3	10	-
	1 x 1	11	10	-
	1 1/2 x 1 1/4	17	4.8	-
	1 1/2 x 1 1/2	25	4.8	-
	2 x 2	44	3.2	-
	2 1/2 x 2 1/2	68	1.9	-
V5064A Double-seated	3 x 3	99	1.3	-
	1 1/2 x 1 1/4	20	10	-
	1 1/2 x 1 1/2	28	10	-
	2 x 2	50	10	-
	2 1/2 x 2 1/2	78	9.0	-
	3 x 3	112	7.0	-
	4 x 4	200	-	5.0
V5013A Three-way mixing	5 x 5	260	-	3.0
	6 x 6	380	-	2.5
	3/4 x 1/2	4.0	10	-
	3/4 x 3/4	6.3	10	-
	1 x 1	10.0	10	-
V5065A Three-way mixing	1 x 3/4	6.3	10	-
	1 x 1	11	10	-
	1 1/2 x 1 1/4	18	4.8	-
	1 1/2 x 1 1/2	28	4.8	-
	2 x 2	50	3.2	-
	2 1/2 x 2 1/2	72	1.9	-
	3 x 3	102	1.3	-
	4 x 4	188	-	0.83
	5 x 5	280	-	0.48
	6 x 6	360	-	0.34

ACTUATORS