

ICM Series 20 to 65 - Motorized Valves for Expansion and Pressure Regulation

ICM MOTORIZED VALVE INCLUDING MOTOR ACTUATOR

Valve Size	Flow Coefficient Cv (Kv)		Connection type and size (in.)				List Price *	Weight incl. motor	
			FPT	SW	BW	ODS		lbs	(kg)
ICM 20-A33	0.23	(0.2)	3/4	3/4	3/4, 1	5/8, 7/8	\$3,545	6.6	(3.0)
ICM 20-A	0.7	(0.6)	3/4	3/4	3/4, 1	5/8, 7/8	\$3,545	6.6	(3.0)
ICM 20-B66	1.8	(1.6)	3/4	3/4	3/4, 1	5/8, 7/8	\$3,545	6.6	(3.0)
ICM 20-B	2.8	(2.4)	3/4	3/4	3/4, 1	5/8, 7/8	\$3,545	6.6	(3.0)
ICM 20-C	5.3	(4.6)	3/4	3/4	3/4, 1	5/8, 7/8	\$3,545	6.6	(3.0)
ICM 25-A	7.0	(6)	1	1	1, 1-1/4	7/8, 1-1/8, 1-3/8	\$3,776	8.8	(4.1)
ICM 25-B	13.9	(12)	1	1	1, 1-1/4	7/8, 1-1/8, 1-3/8	\$3,776	8.8	(4.1)
ICM 32-A	10.4	(9)	-	1-1/4	1-1/4, 1-1/2	1-3/8, 1-5/8	\$3,952	11.0	(5.8)
ICM 32-B	20	(17)	-	1-1/4	1-1/4, 1-1/2	1-3/8, 1-5/8	\$3,952	11.1	(5.8)
ICM 40-A	17	(15)	-	1-1/2	1-1/2, 2	1-5/8	\$4,317	17.2	(7.8)
ICM 40-B	30	(26)	-	1-1/2	1-1/2, 2	1-5/8	\$4,317	17.2	(7.8)
ICM 50-A	27	(23)	-	2	2, 2-1/2	2-1/8	\$4,497	24.4	(11.1)
ICM 50-B	46	(40)	-	2	2, 2-1/2	2-1/8	\$4,497	24.4	(11.1)
ICM 65-A	41	(35)	-	2½	2½, 3	2-5/8	\$6,099	36.5	(16.6)
ICM 65-B	81	(70)	-	2½	2½, 3	2-5/8	\$5,828	36.5	(16.6)

* ICM valve sizes 20, 25, 32, 40, 50 and 65 are supplied with ICAD motor with 9.8 ft cables.

In general, ICM valves with an "A" cone and all ICM 20 cones sizes are used for liquid make-up or expansion applications. ICM valves with a "B" cone are used for motorized solenoid and regulator valve applications.

ICM Series 100 to 150 - Motorized Regulating Valve and Motor Actuator (Valve and actuator purchased separately)

Valve Size	Flow Coefficient Cv (Kv)		Nom. Port Size Inches	Connection Type/Size	Part Number *		List Price *		Weight with Motor	
					Valve w/o Motor	ICAD 1200 Motor	Valve w/o Motor *	ICAD 1200A Motor *	lbs	(kg)
ICM 100-B	165	(142)	4	4" BW	027H7131	027X0168	\$5,415	\$2,268	97	(44)
ICM 125-B	259	(223)	5	5" BW	027H7151	027X0168	\$7,134	\$2,268	121	(55)
ICM 150-B	430	(370)	6	6" BW	027H7171	027X0168	\$10,117	\$2,268	209	(95)

* ICM valve and ICAD 1200A motor actuator must be ordered separately when ordering ICM 100, ICM 125 and ICM 150. ICAD 1200A motor actuator is required for the ICM valve to operate.

Features:

- Direct-weld connections to eliminate leak potential
- Adjustable speed digital stepper motor (Input: 4-20 mA; 0-20 mA; 0-10 VDC; 2-10 VDC)
- Magnetically coupled motor and valve are independently sealed to eliminate valve stem leakage and allow motor replacement while the system is still under pressure
- Digital display on motor constantly shows valve position and valve settings are easily programmed with three buttons on the display
- Low temperature steel body, media range: -76 °F to +167 °F
- Stainless steel bolts
- 754 psig rated

