

# Valve Selection Guide

Series	Inlet Sizes	Available Metals	Min. Temp °F (°C)	Max. Temp °F (°C)	Soft Seat Available	Max Pressure PSI (Bar)	Services	Certifications
740	1/2" to 3"	Brass/Bronze	-320° (-196°)	406° (208°)	Yes	300 (20.7)	Air/Gas / Steam / Liquid	ASME VIII, CE, CRN
741	1/2" to 3"	Stainless/Bronze	-320° (-196°)	425° (218°)	Yes	750 (51.7)	Air/Gas / Steam / Liquid	ASME VIII, CE, CRN
742	1/2" to 3"	Stainless/Carbon	-20° (-29°)	425° (218°)	Yes	750 (51.7)	Air/Gas / Steam / Liquid	ASME VIII, CE, CRN
743	1/2" to 3"	Stainless	-320° (-196°)	425° (218°)	Yes	750 (51.7)	Air/Gas / Steam / Liquid	ASME VIII, CE, CRN
69	1/2" to 3"	Brass/SS/Bronze	-20° (-29°)	425° (218°)	Yes	450 (31.0)	Liquid	Non-Code
88	1/2" to 2"	Brass/SS/Bronze	-20° (-29°)	406° (208°)	Yes	250 (17.2)	Air / Gas	ASME VIII
89	1/2" to 2"	Brass/SS/Bronze	-20° (-29°)	406° (208°)	Yes	250 (17.2)	Air / Gas	ASME VIII
88	2-1/2" - 3"	Stainless/Bronze	-20° (-29°)	406° (208°)	Yes	300 (20.7)	Air / Gas	Non-Code
89	2-1/2" - 3"	Stainless/Bronze	-20° (-29°)	406° (208°)	Yes	250 (17.2)	Air / Gas	Non-Code
560	1/2" to 2-1/2"	Brass/Bronze	-20° (-29°)	406° (208°)	Yes	250 (17.2)	Steam	ASME I, CE, CRN
563	1/2" to 2-1/2"	Stainless/Bronze	-20° (-29°)	406° (208°)	Yes	250 (17.2)	Steam	ASME I, CE, CRN
570	1/2" to 2-1/2"	Brass/Bronze	-20° (-29°)	406° (208°)	Yes	300 (20.7)	Air / Gas / Steam	ASME VIII, CE, CRN
573	1/2" to 2-1/2"	Stainless/Bronze	-20° (-29°)	406° (208°)	Yes	300 (20.7)	Air / Gas / Steam	ASME VIII, CE, CRN
120	1/2" - 3/4" - 1"	Brass/Bronze	-20° (-29°)	406° (208°)	No	200 (13.8)	Air / Gas / Steam	ASME VIII, CRN
130	1/4"-3/8"-1/2"	Brass/Bronze	-20° (-29°)	406° (208°)	No	200 (13.8)	Air / Gas / Steam	ASME VIII, CRN
55	1/4"-3/8"-1/2"	Brass/Bronze	-20° (-29°)	406° (208°)	No	200 (13.8)	Liquid	Non-Code
140	1/4"-3/8"-1/2"	Brass/SS	-20° (-29°)	406° (208°)	No	450 (31.0)	Air / Gas / Steam	Non-Code

Multiply	By	To Find
Bar	14.5	PSI
Bar	1.02	kg/cm <sup>2</sup>
Bar	100	Kilopascals
Centimeters	0.3937	Inches
Centimeters	0.03281	Feet
Cubic Feet / min	0.02832	Meters <sup>3</sup> / min
Cubic Feet / sec	448.8	Gallons / Min.
Cubic Meters	264.2	Gallons
SCFM	0.02716	nm <sup>3</sup> / min
SCFM	1.6296	nm <sup>3</sup> / hr
Feet	0.3048	Meters
Feet	30.48	Centimeters
Feet of Water	0.8812	Inches of Mercury
Feet of Water	0.4382	PSI
Gallons	3785	Cubic Centimeters
Gallons	0.1337	Cubic Feet
Gallons	3.785	Liters
Gallons (Water)	8.337	Pounds
Gallons / Min.	0.002228	Cubic Feet / sec
Gallons / Min.	227 x S.G.	kg / hr
Gallons / Min.	3.785	Liters / min
Gallons / Min.	0.2271	Cubic Meters / hr
Inches	2.54	Centimeters
Inches	0.08333	Feet
Inches of Water	0.03607	PSI
Kilograms	2.205	Pounds
Kilograms	35.27	Ounces

Multiply	By	To Find
kg / min	132.3	Pounds / Hr
kg / cm <sup>2</sup>	14.22	PSI
Kilopascals	0.145	PSI
Kilopascals	0.01	Bar
Liters	1000	Cm <sup>3</sup>
Liters	0.2642	Gallons
Liters / hr	0.004403	Gallons / Min
Meters	3.281	Feet
Meters	100	Centimeters
Pounds	453.6	Grams
Pounds	0.4536	Kilograms
Pounds / hr	6.324 / M.W.	SCFM
Pounds / hr	0.4536	Kg / hr
Pounds / hr (Liquid)	.002 / S.G.	Gallons / Min
PSI	27.73	Inches of water
PSI	0.07031	Kg / cm <sup>2</sup>
PSI	0.7043	Meters of water
PSI	0.06895	Bar
PSI	6.895	Kilopascals
Cm <sup>2</sup>	0.115	Inch <sup>2</sup>
Inch <sup>2</sup>	6.4516	Cm <sup>2</sup>
Inch <sup>2</sup>	645.16	Mm <sup>2</sup>
Fahrenheit	(°F-32) * 5 / 9	Celsius
Celsius	(°C * 1.8) +32	Fahrenheit
Fahrenheit	°F - 460 =	Rankine
Celsius	°C - 273 =	Kelvin