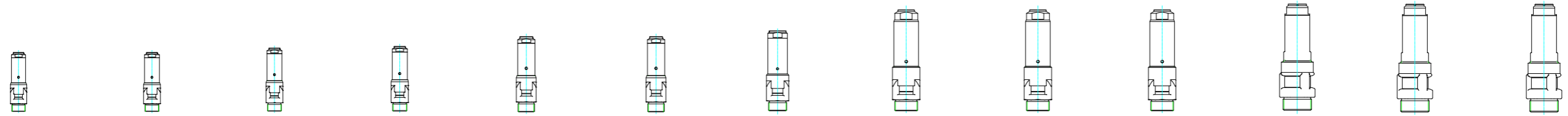
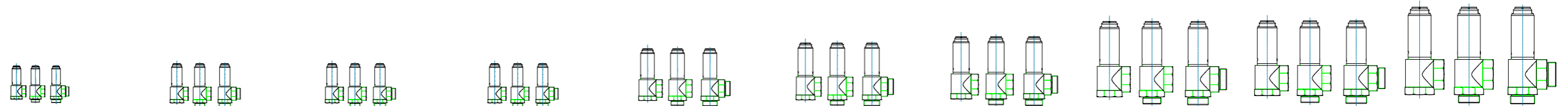


**VV**  
Valves with free outlet (venting)



<b>Nominal diameter (ø)</b>	DN6	DN7	DN8	DN10	DN12	DN14	DN15	DN18	DN20	DN25	DN32	DN40	DN48
<b>Thread</b>	G 1/8", G 1/4"	G 1/4", G 3/8", G 1/2"	G 1/4", G 3/8", G 1/2", M 16 x 1.5, M18 x 1.5	G 3/8", G 1/2", G 3/4", M 18 x 1.5, NPT	G 1/2", G 3/8", NPT	G 1/2", G 3/4", NPT	G 1/2", G 3/4"	G 1"	G 1", NPT	G 1 1/4", G 1 1/2", NPT	G 1 1/4", G 1 1/2", NPT	G 1/2", G 2", NPT	G 2", NPT
<b>Material</b>	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Surface treated NBR, FKM, EPDM,	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Surface treated
<b>Seal</b>	NBR, FKM, EPDM	NBR, FKM, EPDM, Silicone	FKM, EPDM, Silicone, PTFE	FKM, EPDM, Silicone, PTFE	NBR, EPDM, FKM, Silicone, PTFE, Kalrez	FKM, EPDM, Silicone, PTFE, Kalrez	FKM, NBR, EPDM, Silicone, PTFE	Silicone, PTFE, Kalrez	NBR, FKM, EPDM, Silicone, PTFE, Kalrez	NBR, FKM, EPDM, Silicone, PTFE, Kalrez	NBR, FKM, EPDM, Silicone, PTFE, Kalrez	NBR, FKM, EPDM, Silicone, PTFE, Kalrez	NBR, FKM, PTFE
<b>Pressure range</b>	0.5 - 18 bar	0.5 - 60 bar	0.3 - 47 bar	0.3 - 150 bar	0.3 - 30 bar	0.3 - 150 bar	0.2 - 30 bar	0.3 - 21 bar	0.3 - 60 bar	0.3 - 30 bar	0.3 - 30 bar	0.3 - 30 bar	0.5 - 6 bar
<b>Temperature range</b>	-10°C/+200°C	-196°C/+450°C	-196°C/+250°C	-196°C/+450°C	-196°C/+450°C	-196°C/+450°C	-196°C/+250°C	-196°C/+250°C	-196°C/+450°C	-196°C/+450°C	-196°C/+450°C	-196°C/+450°C	-196°C/+250°C
<b>Weight (approx.)</b>	0.04 kg	0.1 kg	0.12 kg	0.17 kg	0.12 kg	0.17 kg	0.48 kg	0.86 kg	1.6 kg	1.5 kg	1.5 kg	1.5 kg	1.5 kg
<b>Height</b>	42 mm	62 - 70 mm	90 mm	72 - 91 mm	74 mm	111 mm	124 mm	138 mm	141 mm	194 mm	222 mm	280 mm	230 mm
<b>Certifications</b>	CE	CE, ASME, TÜV, Gost, ATEX	CE, TÜV	CE, ASME, TÜV, Gost, ATEX	CE, ASME, TÜV, Gost, ATEX	CE, ASME, TÜV, Gost, ATEX	CE	CE, ASME, Gost, ATEX	CE, ASME, Gost, ATEX	CE, ASME, Gost, ATEX	CE, ASME, TÜV, DEKRA, Gost, ATEX	CE, ASME, Gost, ATEX	CE

**CV**  
Corner Valves



<b>Nominal diameter (ø)</b>	DN7	DN10	DN12	DN14	DN15	DN20	DN25	DN32	DN38	DN40	
<b>Thread</b>	Input: G 1/4", G 3/8" Output: G 1/2"	Input: G 3/8", G 1/2", G 3/4", G 1 1/2" Output: NPT, too, Tri Clamp	Input: G 3/8", G 1/2" Output: G 3/4", G 1/2"	Input: G 1/2", G 1", G 3/4" Output: G 1"	Input: G 1/2", G 3/4" Output: G 3/4", G 1", G 1 1/4"	Input: G 1", G 1 1/4" Output: G 1 1/4"	Input: G 1 1/4", G 1 1/2" Output: G 1 1/2"	Input: G 1 1/4", G 1 1/2" Output: G 1 1/2"	Input: G 1 1/2", G 2" Output: G 2"	Input: G 1 1/2", G 2" Output: G 2"	Input: G 1 1/2", G 2" Output: G 2"
<b>Material</b>	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated	Brass Stainless steel Surface treated
<b>Seal</b>	NBR, FKM, EPDM, Silicone, PTFE, Kalrez	NBR, FKM, EPDM, Silicone, PTFE, Kalrez, Metal	NBR, FKM, EPDM, Silicone, PTFE	NBR, FKM, EPDM, Silicone, PTFE, Kalrez, Metal	NBR, EPDM, FKM, PTFE	NBR, FKM, EPDM, Silicone, PTFE, Kalrez, Metal	NBR, FKM, EPDM, Silicone, PTFE, Kalrez, Metal	NBR, FKM, EPDM, Silicone, PTFE, Kalrez, Metal	NBR, FKM, EPDM, Silicone, PTFE, Kalrez, Metal	NBR, FKM, EPDM, Silicone, PTFE, Kalrez, Metal	NBR, FKM, EPDM, Silicone, PTFE, Kalrez, Metal
<b>Pressure range</b>	0.3 - 60 bar	0.5 - 150 bar	0.5 - 15 bar	0.3 - 150 bar	0.5 - 11.4 bar	0.3 - 60 bar	0.3 - 60 bar	0.3 - 14 bar	0.3 - 30 bar	0.3 - 14 bar	0.3 - 14 bar
<b>Temperature range</b>	-196°C/+450°C	-196°C/+450°C	-196°C/+250°C	-196°C/+450°C	-196°C/+250°C	-196°C/+450°C	-196°C/+450°C	-196°C/+450°C	-196°C/+450°C	-196°C/+450°C	-196°C/+450°C
<b>Weight (approx.)</b>	0.26 kg	0.32 kg	0.38 kg	0.51 kg	1.33 kg	2.21 mm	2.75 mm	2.75 mm	3.30 mm	3.30 mm	3.30 mm
<b>Height</b>	85 mm	183 mm	97 mm	225 mm	178 mm	221 mm	275 mm	275 mm	330 mm	330 mm	330 mm
<b>Certifications</b>	CE, ASME, TÜV, Gost, ATEX	CE, ASME, TÜV, Gost, ATEX	CE	CE, ASME, Gost, ATEX	CE	CE, ASME, Gost, ATEX	CE, ASME, Gost, ATEX	CE, ASME, Gost, ATEX	CE, ASME, Gost, ATEX	CE, ASME, Gost, ATEX	CE, ASME, Gost, ATEX

**VV**  
Valves for Fluids, Granular Materials and Dusts



<b>Nominal diameter (ø)</b>	DN24	DN25	DN32	DN48
<b>Thread</b>	G 1"	G 1", G 1 1/4"	G 1 1/4", G 1 1/2"	G 2"
<b>Material</b>	Brass, Stainless steel, Surface treated	Brass	Brass, Stainless steel, Surface treated	Brass, Surface treated
<b>Seal</b>	FKM, EPDM	NBR, FKM, EPDM, Silicone, PTFE, Kalrez	FKM, EPDM	FKM, EPDM
<b>Pressure range</b>	0.5 - 6.0 bar	0.3 - 3.0 bar	0.5 - 6.0 bar	0.5 - 6.0 bar
<b>Temperature range</b>	-50°C/+200°C	-116°C/+250°C	-50°C/+200°C	-50°C/+200°C
<b>Weight (approx.)</b>	1.5 kg	1.5 kg	1.5 kg	4.3 kg
<b>Height</b>	164 mm	158 mm	160 mm	230 mm
<b>Certifications</b>	CE, FKS	CE, FKS	CE, FKS	CE, FKS

**Options**

Customized Valves for special applications, upon request