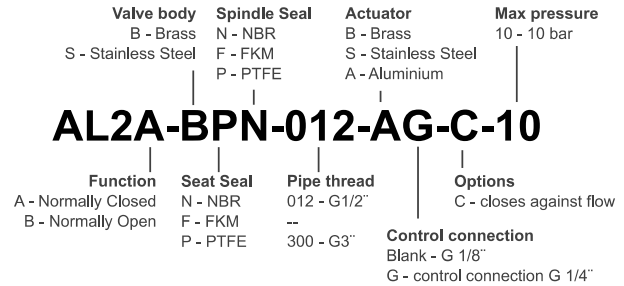


AL2 series

2/2-Way Angle Seat Piston Valves with pneumatic control



G	Brass ref.	Spindle seal	Control cylinder	Control cylinder seal	Closing against flow	Temp	Max pressure (bar)	L (mm)	Weight (g)	Stainless steel ref.	Seat & Spindle seal	Control cylinder	Control cylinder seal	Closing against seat	Temp	Max pressure (bar)	L (mm)	Weight (g)										
																			Normally closed									
G1/2"	AL2A-BPN-012-B	N	B	N		-20..+85	16	66	1200	AL2A-SPP-012-B-C	P	B	F	C	-40..+200	25	65	1300										
G1/2"	AL2A-BPP-012-B	P	B	N		-20..+200	16	66	1300	AL2A-SPP-012-SG†	P	S	F		-40..+200	25	65	1300										
G1/2"	AL2A-BPP-012-B-C	P	B	N	C	-20..+200	16	66	1400	AL2A-SFF-012-B-C-16	F	B	N	C	-20..+85	16	65	1200										
G1/2"	AL2A-BPN-012-B-C	N	B	N	C	-20..+85	16	66	1200	AL2A-SPP-012-B	P	B	F		-40..+200	25	65	1300										
G3/4"	AL2A-BPN-034-B	N	B	N		-20..+85	16	75	1300	AL2A-SPP-034-B-20	P	B	F		-40..+200	20	75	1400										
G3/4"	AL2A-BPP-034-B	P	B	N		-20..+200	16	75	1400	AL2A-SPP-034-B-C-20	P	B	F	C	-40..+200	20	75	1500										
G3/4"	AL2A-BPN-034-B-C	N	B	N	C	-20..+85	16	75	1400	AL2A-SPP-034-SG-20†	P	S	F		-40..+200	20	75	1500										
G1"	AL2A-BPN-100-B	N	B	N		-20..+85	16	80	1500	AL2A-SPP-100-B-16	P	B	F		-40..+200	16	90	1600										
G1"	AL2A-BPP-100-B	P	B	N		-20..+200	16	80	1700	AL2A-SPP-100-B-C-16	P	B	F	C	-40..+200	16	90	1700										
G1"	AL2A-BPN-100-B-C-10	N	B	N	C	-20..+85	10	80	1600	AL2A-SPP-100-SG-16†	P	S	F		-40..+200	16	90	1700										
										AL2A-SFF-100-B-C-16	F	B	N	C	-20..+85	16	90	2300										
G1-1/4"	AL2A-BPN-114-A	N	A	N		-20..+85	16	97	2200	AL2A-SPP-114-B-9	P	B	F		-40..+200	9	110	2200										
G1-1/4"	AL2A-BPN-114-B-10	N	B	N		-20..+85	10	97	2000	AL2A-SPP-114-A	P	A	F		-40..+200	25	110	2400										
G1-1/4"	AL2A-BPP-114-B	P	B	N		-20..+200	16	97	2200	AL2A-SPP-114-B-C	P	B	F	C	-40..+200	25	110	2200										
G1-1/4"	AL2A-BPP-114-B-10	P	B	N		-20..+200	10	97	2000																			
G1-1/2"	AL2A-BPN-112-A	N	A	N		-20..+85	16	107	2400	AL2A-SPP-112-B-7	P	B	F		-40..+200	7	120	2500										
G1-1/2"	AL2A-BPN-112-B-8	N	B	N		-20..+85	8	107	2200	AL2A-SPP-112-A-20	P	A	F		-40..+200	20	120	2600										
G1-1/2"	AL2A-BPN-112-B-C-6	N	B	N	C	-20..+85	6	107	2400	AL2A-SPP-112-B-C-7	P	B	F	C	-40..+200	7	120	3000										
G2"	AL2A-BPN-200-A	N	A	N		-20..+85	16	124	3300	AL2A-SPP-200-B-4	P	B	F		-40..+200	4	150	3700										
G2"	AL2A-BPN-200-B-4	N	B	N		-20..+85	4	124	2800	AL2A-SPP-200-A-12	P	A	F		-40..+200	12	150	3800										
G2"	AL2A-BPN-200-B-C	N	B	N	C	-20..+85	16	124	7000	AL2A-SPP-200-AG-20†	P	A	F		-40..+200	20	150	6000										
G2-1/2"	AL2A-BPN-212-A-6	N	A	N		-20..+85	6	178	5000																			
G2-1/2"	AL2A-BPN-212-AG-10†	N	A	N		-20..+85	10	178	7000																			
G2-1/2"	AL2A-BPN-212-B-C-10	N	B	N	C	-20..+85	10	178	9000																			
G3"	AL2A-BPN-300-A-4	N	A	N		-20..+85	4	195	6000																			
G3"	AL2A-BPN-300-AG-10†	N	A	N		-20..+85	10	195	9000																			
G3"	AL2A-BPN-300-B-C-10	N	B	N	C	-20..+85	10	195																				
										Normally open																		
G1/2"	AL2B-BPN-012-B	N	B	N		-20..+85	16	66	1200	AL2B-SPP-012-B	P	B	F		-20..+200	25	65	1200										
										AL2B-SFF-012-B	F	B	N		-20..+85	25	65	1200										
G3/4"	AL2B-BPN-034-B	N	B	N		-20..+85	16	75	1300	AL2B-SPP-034-B-20	P	B	F		-20..+200	20	75	1400										
G1"	AL2B-BPN-100-B	N	B	N		-20..+85	16	80	1500	AL2B-SPP-100-B-16	P	B	F		-20..+200	16	90	1600										
										AL2B-SFF-100-B-16	F	B	N		-20..+85	16	90	1600										
G1-1/4"	AL2B-BPN-114-A	N	A	N		-20..+85	16	97	2100	AL2B-SPP-114-B-9	P	B	F		-20..+200	9	110	2100										
										AL2B-SPP-114-A	P	A	F		-20..+200	25	110	2300										
G1-1/2"	AL2B-BPN-112-A	N	A	N		-20..+85	16	107	2300	AL2B-SPP-112-B-7	P	B	F		-20..+200	7	120	2400										
										AL2B-SPP-112-A-20	P	A	F		-20..+200	20	120	2500										
G2"	AL2B-BPN-200-A-11	N	A	N		-20..+85	11	124	2900	AL2B-SPP-200-B-4	P	B	F		-20..+200	4	150	3600										
										AL2B-SPP-200-A-12	P	A	F		-20..+200	12	150	3700										
										AL2B-SPP-200-AG-20†	P	A	F		-20..+200	20	150	7000										
G2-1/2"	AL2B-BPN-212-A-6	N	A	N		-20..+85	6	178	4800																			
G2-1/2"	AL2B-BPN-212-AG-10†	N	A	N		-20..+85	10	178																				
G3"	AL2B-BPN-300-A-4	N	A	N		-20..+85	4	195																				
G3"	AL2B-BPN-300-AG-10†	N	A	N		-20..+85	10	195																				

† = Control cylinder port G1/4", P = PTFE, N = NBR, F=FKM, A = Aluminium, B = Brass

AL2 series

2/2-Way Angle Seat Piston Valves with pneumatic control

ENGLISH

Materials:

Type Brass: valve body: Red bronze (2 1/2" to 3": brass), seat sealing: PTFE, spindle seal: NBR, control cylinder: brass / aluminium, spindle: Stainless steel, seals: NBR
Type 1.4408: valve body: 1.4408, valve internal parts: 1.4301, seat and spindle seal: PTFE/FKM, control cylinder: Nickel-plated brass / aluminium, spindle: Stainless steel, seals: FKM

Temperature range:

-20°C to max. +85°C (Type 1.4408: -40°C to max. +200°C)

Control pressure:

4 - 10 bar (6 bar optimal), control connection: G 1/8"

Flow direction:

Closes with media flow (not recommended for liquids with high flow velocity). If necessary, use the -GS option to close against the media flow.

Optional:

PTFE spindle seal (up to 200°C), control cylinder made of stainless steel 1.4581 with FKM seals

Commodity Code: 84812090

NEDERLANDS

Materialen:

Type messing: Kleplichaam: Roodkoper (2 1/2" tot 3": messing), zittingafdichting: PTFE, asafdichting: NBR, stuurcilinder: Messing / aluminium, as: Roestvrij staal, afdichtingen: NBR
Type 1.4408: Kleplichaam: 1.4408, binnenkant van klep: 1.4301, zitting- en asafdichting: PTFE/FKM, stuurcilinder: Vernikkeld messing / aluminium, as: Roestvrij staal, afdichtingen: FKM

Temperatuurbereik:

-20 °C tot max. +85 °C (type 1.4408: -40 °C tot max. +200 °C)

Besturingsdruk:

4 - 10 bar (6 bar optimaal), bedieningsaansluiting: G 1/8"

Debiëtrichting:

Met de mediastroom sluitend (niet aanbevolen voor vloeistoffen bij hoge stroomsnelheden). Gebruik eventueel Optie -GS tegen de mediastroom sluitend.

Optioneel:

Asafdichting van PTFE (tot 200 °C), stuurcilinder van roestvrij staal 1.4581 met afdichtingen van FKM

HS Code: 84812090

DEUTSCH

Werkstoffe:

Typ Messing: Ventilkörper: Rotguss (2 1/2" bis 3": Messing), Sitzabdichtung: PTFE, Spindelabdichtung: NBR, Steuerzylinder: Messing / Aluminium, Spindel: Edelstahl, Dichtungen: NBR
Typ 1.4408: Ventilkörper: 1.4408, Ventillinnenteile: 1.4301, Sitz- und Spindelabdichtung: PTFE/FKM, Steuerzylinder: Messing vernickelt / Aluminium, Spindel: Edelstahl, Dichtungen: FKM

Temperaturbereich:

-20°C bis max. +85°C (Typ 1.4408: -40°C bis max. +200°C)

Steuerdruck:

4 - 10 bar (6 bar optimal), Steueranschluss: G 1/8"

Durchflussrichtung:

Mit dem Medienstrom schließend (nicht empfohlen für Flüssigkeiten bei hohen Fließgeschwindigkeiten). Verwenden Sie ggf. Option -GS gegen den Medienstrom schließend.

Optional:

Spindelabdichtung aus PTFE (bis 200°C), Steuerzylinder aus Edelstahl 1.4581 mit Dichtungen aus FKM

Zollwarennummer: 84812090

FRANÇAIS

Matériaux:

Type laiton: Corps de vanne: bronze industriel (2 1/2" à 3": laiton) joint de siège: PTFE, joint de broche: NBR, vérin de commande: Laiton nickelé/aluminium, broche: inox, joints : NBR
Type 1.4408: Corps de vanne: 1.4408, pièces intérieures de vanne: 1.4301, joint de siège et de broche: PTFE/FKM, vérin de commande: Laiton nickelé/aluminium, broche: Inox, joints : FKM

Plage de température:

-20°C à +85°C max. (type 1.4408 : -40°C à +200°C max.)

Pression de commande:

4 à 10 bar (6 bar optimal), raccord de commande : G 1/8"

Sens d'écoulement:

Fermant dans le sens du courant de fluide (non recommandé pour les liquides en cas de vitesses élevées). Utilisez le cas échéant l'option -GS à fermeture dans le sens contraire au flux de fluide.

En option:

Joint de broche en PTFE (jusqu'à 200°C), vérin de commande en acier inoxydable 1.4581 avec joint FKM

Numéro des marchandises en douane: 84812090

Reference	G	L(mm)	A(mm)	D(mm)	K(mm)	SW
AL2*-B**-012	G1/2"	66	135	62	132	27
AL2*-B**-034	G3/4"	75	140	62	130	34
AL2*-B**-100	G1"	80	142	65	135	41
AL2*-B**-114	G1-1/4"	97	195	94	186	50
AL2*-B**-112	G1-1/2"	107	205	94	192	56
AL2*-B**-200	G2"	124	215	94	200	68
AL2*-B**-212	G2-1/2"	178				
AL2*-B**-300	G3"	195				
AL2*-S**-012	G1"	65	140	62	140	27
AL2*-S**-034	G1/2"	75	145	62	140	32
AL2*-S**-100	G3/4"	90	150	62	145	42
AL2*-S**-114	G1"	110	155	62	148	50
AL2*-S**-112	G1-1/2"	120	160	62	155	55
AL2*S**-200	G2"	150	175	62	162	70

