80360, 3/2
Pneumatic actuated poppet valves

— Port size:
G1/2 ... G1 1/2

— High flow and
switching frequency

Technical features

Medium:
Compressed air, filtered, lubricated and non-lubricated

Orifice:
15 ... 40 mm

Operating pressure:
0 ... 10/16 bar (0 ... 145/232 psi)

Port size:
G1/2 .... G1 1/2

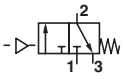
Pilot port size:
G1/4

Ambient/Media temperature:
-10 ... +60°C (+14 ... +140°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F)

Materials:
Body: Aluminum cast
Internal parts: POM
Seals: AU

Other versions on request:
-20°C (-4°F)
NPT ports

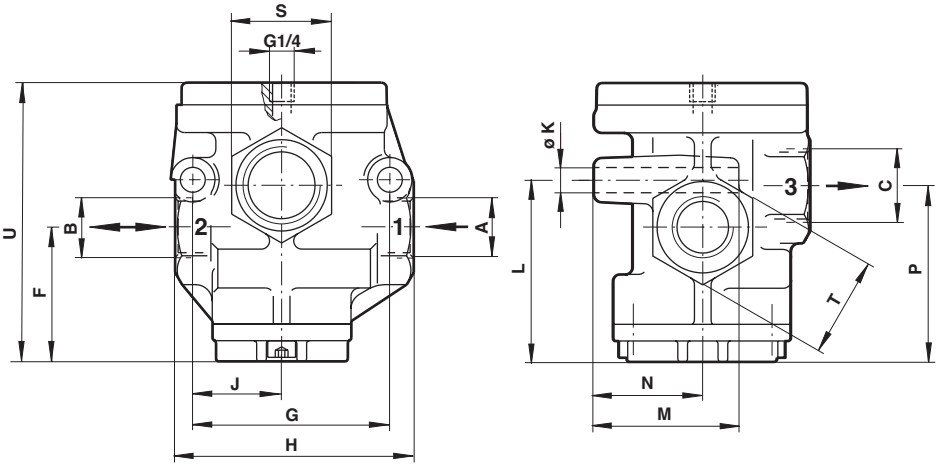
Technical data

Symbol	Port size 1	2	3	Orifice (mm)	Operating pressure min (bar)	max (bar)	Pilot pressure *2) min (bar)	max (bar)	Flow*1) (l/min)	Weight (kg)	Model
	G1/2	G1/2	G3/4	15	0	16	1	16	5500	0,8	8036510
	G3/4	G3/4	G1	20	0	16	1	16	8000	1,0	8036610
	G1	G1	G1	25	0	16	1	16	9000	1,0	8036710
	G1	G1 1/4	G1 1/4	32	0	10	1	10	14000	2,2	8036810
	G1 1/2	G1 1/2	G1 1/2	40	0	10	1	10	21000	2,9	8036910

Flow test conducted according to ISO 6358 test circuit.
*1) Operating pressure 6 bar, Exhaust pressure 5 bar
*2) Pilot pressure must be ≥ operating pressure, however at least 1 bar

Dimensions

Dimensions in mm
Projection/First angle



A	B	C	F	G	H	J	ø K	L	M	N	P	S	T	U	Model
G1/2	G1/2	G3/4	48	71	86	32	9	65,5	52	39	63,5	36	36	105,5	8036510
G3/4	G3/4	G1	51,5	82,5	112	39	9	75	54	40	73	46	46	115,5	8036610
G1	G1	G1	51,5	82,5	112	39	9	75	54	40	73	46	46	115,5	8036710
G1	G1 1/4	G1 1/4	70	104	142	48	11	108	64	42	98	60	60	150	8036810
G1 1/2	G1 1/2	G1 1/2	85	118	164	50,5	14	121,5	70	46	115,5	60	68	173	8036910

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **»Technical features/ data«**.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications,
consult Norgren.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.