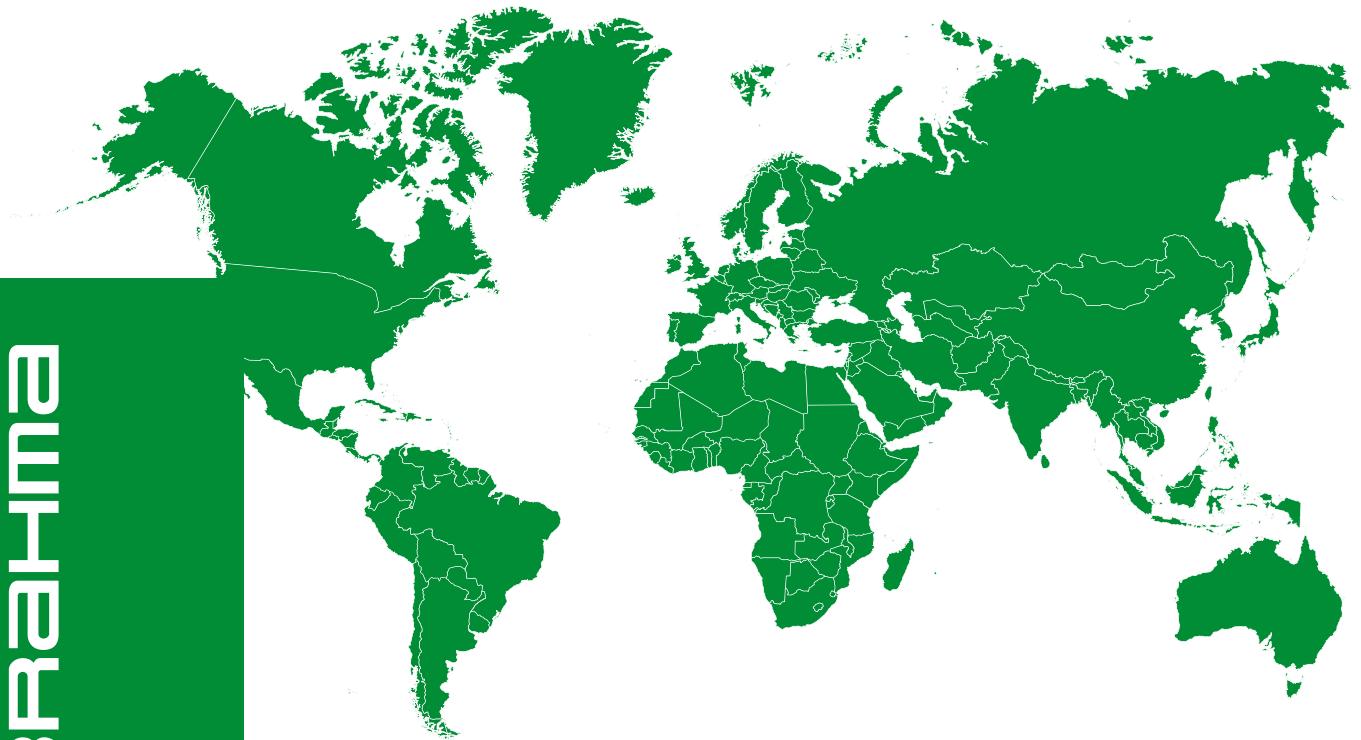




BRAMA



Solenoid Valves

E8... Series

Gas solenoid valves with 1/8", 1/4" connections and operating pressure up to 1 bar



Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
E8/B	DN8	1000	0,5	4	1/4" M	10VA
E8/L	DN6	1000	0,5	4	1/8" F	10VA
E8/S	DN8	1000	0,8	6	1/4" F	13VA
E8/SR	DN8	1000	0,8	6	1/4" F	13VA
E8/SB4	DN8	1000	0,8	4	1/4" M	13VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar (δr=0,5545)
NB: for technical characteristics and overall dimensions please refer to Data Sheet 4079

E6G... Series

Gas solenoid valves with 1/4", 3/8", 1/2" connections and operating pressure up to 1 bar



Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
E6G*A10	DN 10-15	950	3,9	10	G 3/8"-1/2"	20VA
E6G*S10	DN 10-15	500	3,9	10	G 3/8"-1/2"	20VA
E6G*SR10	DN 10-15	500	3,9	10	G 3/8"-1/2"	20VA
E6G*L10	DN 10-15	500	3,9	10	G 3/8"-1/2"	20VA
E6G*S8	DN 8-10-15	1000	2	8	G 1/4"-3/8"-1/2"	20VA
E6G*SR8	DN 8-10-15	1000	2	8	G 1/4"-3/8"-1/2"	20VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar (δr=0,5545)
NB: for technical characteristics and overall dimensions please refer to Data Sheet 2695

RM... Series

Normally open Gas solenoid valves with manual reset, with 1/2", 3/4", 1" connections and operating pressure up to 500 mbar



Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
RM6	DN15	500	3,9	10	G 1/2"	10VA
RM12	DN15	500	8	15	G 1/2"	10VA
RM15	DN15	500	8	15	G 1/2"	10VA
RM25	DN20	500	15	25	G 3/4"	10VA
RM30	DN25	500	23	30	G 1"	10VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar (δr=0,5545)
NB: for technical characteristics and overall dimensions please refer to Data Sheet 4493



EG12... Series

Gas solenoid valves with 1/2" connections and operating pressure up to 500 mbar

Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
EG12*A	DN15	500	8	15	G 1/2"	20VA
EG12*AR	DN15	500	8	15	G 1/2"	20VA
EG12*S	DN15	500	8	15	G 1/2"	20VA
EG12*SR	DN15	500	8	15	G 1/2"	20VA
EG12*L	DN15	250	8	15	G 1/2"	20VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar (δr=0,5545)

NB: for technical characteristics and overall dimensions please refer to Data Sheet 2702



EG15... Series

Gas solenoid valves with 1/2" connections and operating pressure up to 500 mbar

Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
EG15*A	DN15	500	8	15	G 1/2"	20VA
EG15*S	DN15	500	8	15	G 1/2"	20VA
EG15*SR	DN15	500	8	15	G 1/2"	20VA
EG15*L	DN15	250	8	15	G 1/2"	20VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar (δr=0,5545)

NB: for technical characteristics and overall dimensions please refer to Data Sheet 2705

EG25... Series

Gas solenoid valves with 3/4", 1" connections and operating pressure up to 500 mbar.



Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
EG25*S.1	DN20	100	15	25	G 3/4"	20VA
EG25*SR.1	DN20	100	15	25	G 3/4"	20VA
EG25*L.1	DN20	50	15	25	G 3/4"	25VA
EG25*S.3	DN20	500	15	25	G 3/4"	36VA
EG25*SR.3	DN20	500	15	25	G 3/4"	36VA
EG25*L.3	DN20	350	15	25	G 3/4"	36VA

EG30*S.2	DN25	350	23	30	G 1"	36VA
EG30*SR.2	DN25	350	23	30	G 1"	36VA
EG30*L.2	DN25	200	23	30	G 1"	36VA
EG30*S.5	DN25	500	23	30	G 1"	37VA
EG30*SR.5	DN25	500	23	30	G 1"	37VA
EG30*L.5	DN25	350	23	30	G 1"	37VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar ($\delta r=0,5545$)

NB: for technical characteristics and overall dimensions please refer to Data Sheet 2707

Version with adjuster and motordriven modulation

EG30*M.2	DN25	350	23	30	G 1"	36VA
EG30*M.5	DN25	500	23	30	G 1"	37VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar ($\delta r=0,5545$)

NB: for technical characteristics and overall dimensions please refer to Data Sheet 12213



EG40... Series

Gas solenoid valves with 1/2" connections and operating pressure up to 500 mbar

Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
EG40*S	DN40	200	50	40	G 1 1/2"	33VA
EG40*SR	DN40	200	50	40	G 1 1/2"	33VA
EG40*L	DN40	200	50	40	G 1 1/2"	36VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar ($\delta r=0,5545$)

NB: for technical characteristics and overall dimensions please refer to Data Sheet 2709



GV/GVC15... - GV/GVC25... - GV/GVC30... - GV/GVC40... Series

Combined valve units for Gas with 1/2", 3/4", 1", 1 1/2" connections and different operating pressure

Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
GV/GVC15*S*..	DN15	500	6	15	G 1/2"	40VA
GV/GVC15*S*L	DN15	250	6	15	G 1/2"	40VA
GV/GVC25*S1*..	DN20	100	10	25	G 3/4"	40VA
GV/GVC25*S1*L1	DN20	50	10	25	G 3/4"	45VA
GV/GVC25*S3*..	DN20	500	10	25	G 3/4"	72VA
GV/GVC25*S3*L3	DN20	350	10	25	G 3/4"	72VA
GV/GVC30*S2*..	DN25	350	16	30	G 1"	72VA
GV/GVC30*S2*L2	DN25	200	16	30	G 1"	72VA
GV/GVC30*S5*..	DN25	500	16	30	G 1"	74VA
GV/GVC30*S5*L5	DN25	350	16	30	G 1"	74VA
GV/GVC40*S*SR	DN40	200	35	40	G 1 1/2"	66VA
GV/GVC40*S*L	DN40	200	35	40	G 1 1/2"	69VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar ($\delta r=0,5545$)
 NB: for technical characteristics and overall dimensions please refer to Data Sheet 4083



EGN25... - EGN30... - EGN40... Series

Gas solenoid valves with 3/4", 1", 1 1/2" connections and operating pressure up to 500 mbar

Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
EGN25*S	DN20	500	13	25	G 3/4"	20VA
EGN25*SR	DN20	500	13	25	G 3/4"	20VA
EGN25*L	DN20	500	13	25	G 3/4"	20VA
EGN30*S	DN25	500	20	30	G 1"	25VA
EGN30*SR	DN25	500	20	30	G 1"	25VA
EGN30*L	DN25	500	20	30	G 1"	25VA
EGN40*S	DN40	500	50	40	G 1 1/2"	48VA
EGN40*SR	DN40	500	50	40	G 1 1/2"	48VA
EGN40*L	DN40	500	50	40	G 1 1/2"	48VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar ($\delta r=0,5545$)

NB: for technical characteristics and overall dimensions please refer to Data Sheet 24632



GVN/GVCN25... Series - GVN/GVCN30... Series - GVN/GVCN40... Series

Combined valve units for Gas with 1/2", 3/4", 1", 1 1/2" connections and different operating pressure

Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
GVN/GVCN25*..	DN20	500	9	25	G 3/4"	40VA
GVN/GVCN30*..	DN25	500	14	30	G 1"	50VA
GVN/GVCN40*..	DN40	500	35	40	G 1 1/2"	96VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar ($\delta r=0,5545$)
 NB: for technical characteristics and overall dimensions please refer to Data Sheet 4079



VPC01... Series

Flow adjustment and safety shut-off modulating solenoid valve with 24Vdc power supply

Type	Nominal Diameter	P max (mbar)	Kw(*)	Orifice diameter (mm)	Connections	Consumption
VPC01*D2	DN6	60	3	2	G 1/8" M12X1	7VA
VPC01*D2.5	DN6	60	3,5	2,5	G 1/2"	7VA
VPC01*D4	DN6	60	4	4	G 1/2"	7VA
VPC01*D6	DN6	60	10,5	6	G 1/2"	7VA

Kw(*) Max. thermal capacity in Kw ($\delta r=0,5545$ reference value)

NB: for technical characteristics and overall dimensions please refer to Data Sheet 9455



VCM... Series

Flow adjustment and safety shut-off modulating solenoid valves

Type	Nominal Diameter	P max (mbar)	Q(*)	Orifice diameter (mm)	Connections	Consumption
VCM01*	DN15	60	2,3	8	G 1/2"	8VA
VCM02*	DN15	60	1,5	5	G 1/2"	8VA
VCM03*	DN15	60	0,7	5	G 1/2"	8VA
VCM34*	DN20	60	4,7	12	G 3/4"	16VA

Q(*) Nominal flow rate in m³/h referred to ΔP 2,5mbar ($\delta r=0,5545$)

NB: for technical characteristics and overall dimensions please refer to Data Sheet 9454



E7... Series

Solenoid valves for light oil with operating pressure up to 20 bar

Type	Nominal Diameter	Inlet connection	Outlet connection	Orifice diameter (mm)	Consumption
B	DN8	G 1/4" M	G 1/4" M	1.5	11VA
B4	DN8	G 1/4" M	G 1/4" M	4	11VA
BS	DN6	G 1/8" F	R 1/8" M	1.5	11VA
C	DN6	R 1/8" M	G 1/8" F	1.5	11VA
F	DN6	R 1/8" M	G 1/4" M	1.5	11VA
L	DN6	G 1/8" F	G 1/8" F	1.5	11VA
L4	DN6	G 1/8" F	G 1/8" F	4	11VA
O	DN6	G 1/8" M	G 1/8" M	1.5	11VA
R	DN6	M 8X1 F	G 1/4" M	2	11VA
T	DN6	R 1/8" M	G 1/8" M	1.5	11VA
TS	DN6	R 1/8" M	G 1/8" M	1.5	11VA

NB: for technical characteristics and overall dimensions please refer to Data Sheet 4490



E6... Series



E11... Series

Solenoid valves for light oil, naphtha, kerosene, water and steam, with 1/4", 3/8", 1/2" connections and operating pressure up to 35 bar

Solenoid valves for light oil

Type	Nominal Diameter	P max (mbar)	Orifice diameter (mm)	Connections	Power consumption
E6	DN 8-10-15	3	8	G 1/4"-3/8"-1/2"	18.5VA
E11	DN8	35	2.5	G 1/4"	18.5VA
E11	DN8	10	4	G 1/4"	18.5VA

Solenoid valves for naphtha

Type	Nominal Diameter	P max (mbar)	Orifice diameter (mm)	Connections	Power consumption
E6N	DN 8-10-15	3	8	G 1/4"-3/8"-1/2"	18.5VA
E11N	DN8	35	2.5	G 1/4"	18.5VA
E11N	DN8	10	4	G 1/4"	18.5VA

Solenoid valves for kerosene

Type	Nominal Diameter	P max (mbar)	Orifice diameter (mm)	Connections	Power consumption
E6K	DN 8-10-15	3	8	G 1/4"-3/8"-1/2"	18.5VA
E11K	DN8	35	2.5	G 1/4"	18.5VA
E11K	DN8	10	4	G 1/4"	18.5VA

Solenoid valves for water and steam

Type	Nominal Diameter	P max (mbar)	Orifice diameter (mm)	Connections	Power consumption
E6V	DN 8-10-15	3	8	G 1/4"-3/8"-1/2"	18.5VA
E11V	DN8	35	2.5	G 1/4"	18.5VA
E11V	DN8	10	4	G 1/4"	18.5VA

NB: for technical characteristics and overall dimensions please refer to Data Sheet 4487

Accessories



BE... Series - Solenoid valves for light oil

- For supply in alternative or continuous voltage, suitable to equip all types of Brahma solenoid valves.
- Suitable for gas, water, steam, liquid fuels in general.
- Divided into five differing in size, power and type of solenoid valve they are suitable to equip: BE6 - BE7 - BE8 - BE9 - BE10

NB: for technical characteristics and overall dimensions please refer to Data Sheet 4077



PG... Series - Gas pressure switches

- Available with fixed adjustable pressure rating.
- Can be used in any application requiring gas pressure range control.
- Suitable for use in any gas train of atmospheric and fan-assisted burners.

NB: for technical characteristics and overall dimensions please refer to Data Sheet 3804



Pressure test points



Nuts + Ferrules

www.brahma.it

BRAHMA S.p.A.

via Del Pontiere, 31/32
37045 Legnago (Verona) - Italy
Phone :+39 0442 635211
Fax: +39 0442 25683
E-mail: brahma@brahma.it