

Blow Gun Series VMG

RoHS



How to Order

VMG 1 1 W - 02 - 32 - C

Piping entry

1	Bottom
2	Top

Body color

W	White
BU	Dark blue

Connection size

Symbol	Piping connection method	Size and model no.	
02	Threaded	Thread size	Rc1/4
03			Rc3/8
N02			NPT1/4
N03			NPT3/8
F02			G1/4
F03			G3/8
11	S coupler	Model no. of coupler used	KK4P-02MS
12	plug		KK130P-02MS
H06	Metric size one-touch fitting	Model no. of fitting used	KQ2H06-02S
H08			KQ2H08-02S
H10			KQ2H10-02S
H07	Inch size one-touch fitting	Model no. of fitting used	KQ2H07-35S
H09			KQ2H09-35S
H11			KQ2H11-35S

Note 1) S coupler and fitting are included in the same package.

Note 2) Port size is Rc1/4 if using the S coupler plug.

Note 3) The blow gun port size is Rc1/4 if using the metric size one-touch fitting.

Note 4) The blow gun port size is NPT1/4 if using the inch size one-touch fitting.

With nozzle cover (Only for male thread nozzle, ø6 extension nozzle)

—	None
C	With nozzle cover/HNBR
CF	With nozzle cover/Fluororubber

Nozzle

Symbol	Type	Nozzle size	Nozzle part no.
—	Without nozzle		
01	Male thread nozzle	ø1	KN-R02-100
02		ø1.5	KN-R02-150
03		ø2	KN-R02-200
04		ø2.5	KN-R02-250
05		ø3	VMG1-R02-300
06		ø3.5	VMG1-R02-350
07	High efficiency nozzle	ø4	VMG1-R02-400
11		ø1	KNH-R02-100
12		ø1.5	KNH-R02-150
13	Low noise nozzle with male thread	ø2	KNH-R02-200
21		ø0.75 x 4	KNS-R02-075-4
22		ø0.9 x 8	KNS-R02-090-8
23		ø1 x 4	KNS-R02-100-4
24		ø1.1 x 8	KNS-R02-110-8

Extension nozzle

Symbol	Type	Nozzle length	Nozzle size	Nozzle part no.
31	ø6 copper extension nozzle (Note)	300 mm	ø1.5	VMG1-06-150-300
32			ø2	VMG1-06-200-300
33		600 mm	ø1.5	VMG1-06-150-600
34			ø2	VMG1-06-200-600
35		100 mm	ø1.5	VMG1-06-150-100
36			ø2	VMG1-06-200-100
37	ø8 copper extension nozzle (Note)	150 mm	ø1.5	VMG1-06-150-150
38			ø2	VMG1-06-200-150
41		100 mm	ø2.5	VMG1-08-250-100
42			ø3	VMG1-08-300-100
43			ø3.5	VMG1-08-350-100
44		150 mm	ø2.5	VMG1-08-250-150
45			ø3	VMG1-08-300-150
46			ø3.5	VMG1-08-350-150
47		300 mm	ø2.5	VMG1-08-250-300
48			ø3	VMG1-08-300-300
49			ø3.5	VMG1-08-350-300
50		600 mm	ø2.5	VMG1-08-250-600
51			ø3	VMG1-08-300-600
52			ø3.5	VMG1-08-350-600

Note) Part number for set of extension nozzle and fitting. Extension nozzle and fitting are included in the same package.

Refer to "How to attach extension nozzle" in the operation manual for assembly procedures.

Specifications

Fluid	Air	
Operating pressure range	0 to 1.0 MPa	
Proof pressure	1.5 MPa	
Ambient and fluid temperature	-5 to 60°C (No freezing)	
Flow-rate characteristics (With nozzle removed)	C (dm³/s·bar): 6.0, b: 0.25 (Effective area: 30 mm²)	
Port size	Rc, NPT, G 1/4, 3/8	
Piping entry	Bottom	Top
Nozzle port size	Rc1/4	
Weight (Main unit only)	165 g	
Operational force (when the valve is fully open)	7 N	

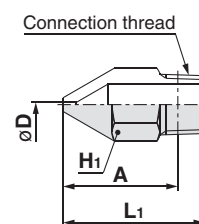
Dimensions: Nozzles/Series KN

Male thread nozzle: KN



Part no.	Nozzle size D	Connection thread	Width across flats	L₁	A*
			H₁		
KN-R02-100	ø1	R1/4	14	31.4	25.4
KN-R02-150	ø1.5			31	25
KN-R02-200	ø2			30.5	24.5
KN-R02-250	ø2.5			30.1	24.1
VMG1-R02-300	ø3			30	24
VMG1-R02-350	ø3.5			29.5	23.5
VMG1-R02-400	ø4			29.5	23.5

* Reference dimensions after R thread installation

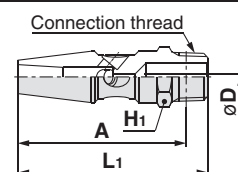


High efficiency nozzle: KNH



Part no.	Nozzle size D	Connection thread	Width across flats	L₁	A*
			H₁		
KNH-R02-100	ø1	R1/4	14	52	46
KNH-R02-150	ø1.5				
KNH-R02-200	ø2				

* Reference dimensions after R thread installation

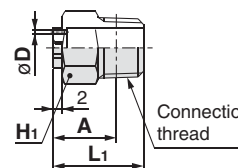


Low noise nozzle with male thread: KNS



Part no.	Nozzle size D	Connection thread	Width across flats	L₁	A*
			H₁		
KNS-R02-075-4	ø0.75 x 4	R1/4	14	20	14
KNS-R02-090-8	ø0.9 x 8				
KNS-R02-100-4	ø1 x 4				
KNS-R02-110-8	ø1.1 x 8				

* Reference dimensions after R thread installation



Copper extension nozzle set



Part no.	Nozzle size D	Outside diameter	L₁	L₂ Note1)	L Note1)	Width across flats
						H₁
VMG1-06-150-100	ø1.5	ø6	100	100	106	12
VMG1-06-200-100	ø2					
VMG1-06-150-150	ø1.5		150	150	156	
VMG1-06-200-150	ø2					
VMG1-06-150-300	ø1.5		300	300	306	
VMG1-06-200-300	ø2					
VMG1-06-150-600	ø1.5	ø8	600	600	606	14
VMG1-06-200-600	ø2					
VMG1-08-250-100	ø2.5		100	100	106	
VMG1-08-300-100	ø3					
VMG1-08-350-100	ø3.5					
VMG1-08-250-150	ø2.5		150	150	156	
VMG1-08-300-150	ø3					
VMG1-08-350-150	ø3.5					
VMG1-08-250-300	ø2.5		300	300	306	
VMG1-08-300-300	ø3					
VMG1-08-350-300	ø3.5					
VMG1-08-250-600	ø2.5	ø3	600	600	606	
VMG1-08-300-600	ø3					
VMG1-08-350-600	ø3.5					

Note 1) Reference dimensions after installation

Note 2) Copper extension nozzle and self-align fitting are included in the same package, (but unassembled).

Refer to "How to attach extension nozzle" in the operation manual for assembly procedures.

