AKBO foam and spray guns, for mounting lances and nozzles



Foam and spray lances and nozzles extend the use of water guns. Nozzles allow forming a steady liquid jet suited to the application. Lances help the operator reach hard-to-access areas with the jet and clean them thoroughly.

Lances and nozzles can be easily swapped, adapting the gun to other functions. AKBO water guns in this version have at the outlet a connection with 1/2” BSP male thread (to which lances with 1/2” BSP female thread can be screwed) or a fitted DN11.8* quick coupling socket in a rubber cover, to which lances and nozzles with a quick coupling plug of this type can be easily connected.

Brass and stainless steel AKBO guns for fitting lances and nozzles

drawing	index	version	connection for lance (outlet)	description
 AK-KLML002-BL AK-CL002-BL AK-RL002-BL	AK-KLML002-BL	brass, no trigger insulation	GZ 1/2” BSP	**Foam and spray gun, for fitting lances and nozzles**. Has stepless flow control and trigger lock. Trigger of AISI 304 stainless steel, covers of blue EPDM rubber (FDA), gaskets of EPDM (FDA) or Viton (FDA) for the stainless steel version. Increased flow compared with typical guns (better foam quality). When the trigger is released, flow is automatically shut off. Connection (inlet) 1/2” BSP female thread. Max. working pressure: 24 bar Max. working temperature: +95°C Weight: approx. 0.87 ÷ 1.09 kg (depending on version)
	AK-CL002-BL	chrome-plated brass, insulation on trigger		
	AK-RL002-BL	steel AISI 316 stainless steel, insulation on trigger		
 AK-KLMLCP2-BL AK-CLCP2-BL AK-RLCP2-BL	AK-KLMLCP2-BL	brass, no insulation on trigger	DN11.8* quick coupling socket in cover	
	AK-CLCP2-BL	chrome-plated brass, insulation on trigger		
	AK-RLCP2-BL	steel AISI 316 stainless steel, insulation on trigger		

Lightweight polyamide AKBO guns for fitting lances and nozzles

drawing	index	connection for lance (outlet)	description
 AK-NL002-BL AK-NLCP2-BL AK-NL014-BL AK-NLFW2	AK-NL002-BL	GZ 1/2” BSP	**Lightweight polyamide foam and spray gun, for fitting lances and nozzles.** Made of glass-fibre reinforced PA66 polyamide. Trigger, spring and valve stem of AISI 304 stainless steel, seals of EPDM (FDA). Covers of blue EPDM rubber. No trigger insulation. Connection (inlet) 1/2” BSP female thread. Max. working pressure: 12 bar Max. working temperature: +50°C Weight: approx. 0.48 ÷ 0.72 kg (depending on version)
	AK-NLCP2-BL	DN11.8* quick coupling socket in cover	
	AK-NL014-BL	GZ 1/4” BSP	
	AK-NLFW2	fitted flat nozzle for foam (nozzle index: AK-LANF002) for foaming and spraying at low pressure	

** - DN11.8 quick couplings – see INDUSTRIAL FITTINGS section, chapter „Stainless steel quick couplings for water”*

AKBO foam and spray nozzles and lances for guns and valves (2)

Foam lances

drawing	index	length [cm]	connection	description
	AK-LANCM22-F	22	GW 1/2" BSP	**Lance.** 2 x female thread 1/2" BSP, stainless steel.
	AK-LANCM50-F	50		
	AK-LANCM22-N	22	GW 1/2" BSP	**Lance with foam nozzle 50200.** female thread 1/2" BSP, assembled with foam nozzle 50200 (50°, 200 l/min - 20 bar, GZ 1/2" BSP), stainless steel.
	AK-LANCM50-N	50		
	AK-LANCM22-A	22	quick coupling plug DN11,8*	**Lance with quick coupling plug.** female thread 1/2" BSP, assembled with DN11,8* quick coupling plug, stainless steel.
	AK-LANCM50-A	50		
	AK-LANCM60-A	60		
	AK-LANCM22-NA-NW	22	quick coupling plug DN11,8*	**Lance with quick coupling plug, nozzle and cover.** Complete lance with foam nozzle 50200 (50°, 200 l/min - 20 bar, GZ 1/2" BSP) in white nylon cover, with DN11,8* quick coupling plug, made of stainless steel.
	AK-LANCM50-NA-NW	50		
	AK-LANCM60-NA-NW	60		

Flat foam nozzles

drawing	index	connection (inlet)	description
	AK-LANF002	GW 1/4" BSP	**Flat foam nozzle.** Designed for foaming at low pressure from 2,5 bar (best effect at 3,5 ÷ 4 bar), can also be used for spraying and washing cleaned surfaces. Material: plastic (nylon). AK-LANF002 is designed for the AK-NL014-BL gun. AK-LANFA02 is designed for guns with a DN11,8 socket at the outlet.
	AK-LANFA02	quick coupling plug DN11,8* (stainless steel)	

** - DN11.8 quick couplings – see INDUSTRIAL FITTINGS section, chapter „Stainless steel quick couplings for water"*



Lightweight polyamide gun AK-NLFW2.
Gun available with fitted flat foam nozzle
(nozzle index: AK-LANF002).



Examples of mounting the flat nozzle to the gun:

1. AK-LANFA02 with DN11,8 plug + AK-KLMLCP2-BL gun with DN11,8 socket (it can also be fitted to another gun with an outlet socket: AK-CLCP2-BL, AK-RLCP2-BL or AK-NLCP2-BL),
2. AK-LANF002 with 1/4" BSP female thread + AK-NL014-BL gun with 1/4" BSP male thread,
3. AK-LANF002 with 1/4" BSP female thread + plug (AK-ADAPN-04-M with 1/4" BSP male thread) + AK-KLMLCP2-BL gun with DN11,8 socket – another gun with an outlet socket may also be used (*see point 1*)