



INSTALLATION INSTRUCTIONS

Liquidtight Fittings Kit (Part No. 9526)

1 Description

Kit Contains (3) 1/2" and (1) 3/4" Liquidtight Fittings. The fittings are designed to provide a liquidtight seal when using cables to wire the drive. These fittings are suitable for all KB NEMA-4X drives. Table 1 shows the specifications of the fittings. Table 2 shows the drive models and the fitting size and quantity to use. Figure 1 shows the order in which the fitting parts are assembled. Figure 2 shows the assembled fitting.

2 Installation Instructions

The sealing washer must be installed on the outside of the enclosure. See Figures 1 and 2. Insert the cable after step 2.4.

- 2.1 Install the sealing washer onto the fitting's body (side opposite the collet).
- 2.2 Insert the fitting's threaded portion (side opposite the collet) through the enclosure mounting hole.
- 2.3 Hand tighten the locknut as far as possible.
- 2.4 Hold the body hex stationary with a wrench. Use another wrench to tighten the locknut to the torque specified in Table 1.
- 2.5 Insert the cable through the sealing nut, collet, and fitting's body to the desired length.
- 2.6 Hand tighten the sealing nut as far as possible.
- 2.7 Hold the body hex stationary with a wrench. Use another wrench to tighten the sealing nut to the torque specified in Table 1.

3 Cable Removal or Replacement Instructions

To loosen the fitting for cable removal or replacement, use a wrench to hold the body hex stationary. Use another wrench to loosen the sealing nut. Grip the disconnected cable and pull while turning the cable in the counterclockwise direction.

Table 1 – Fittings Specifications

Liquidtight Fitting	Clearance Hole		Cable Diameter Range				Tightening Torque					
			Inches		mm		Locknut			Sealing Nut		
	Inches	mm	Min.	Max.	Min.	Max.	in-lbs	ft-lbs	kg-cm	in-lbs	ft-lbs	kg-cm
1/2"	0.875	22.2	0.170	0.450	4.3	11.4	80	7	92	80	7	92
3/4"	1.068	27.1	0.250	0.485	6.4	12.3	170	14	195	130	11	150

Figure 1 – Assembly Order of Fitting

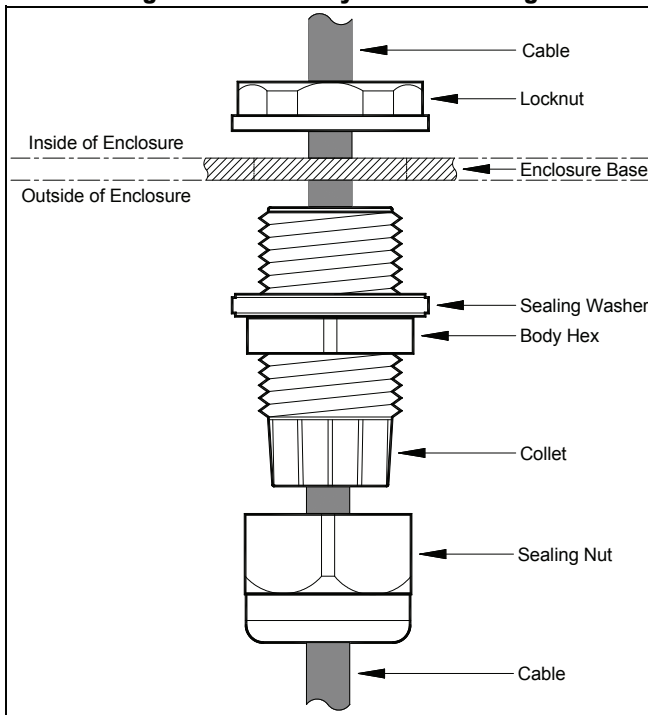


Figure 2 – Installed Fitting

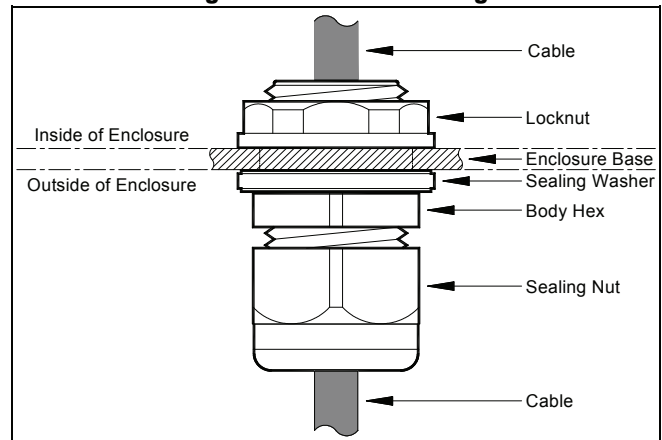


Table 2 – Drive Model and Fitting Size/Quantity

Drive Model	Fitting	
	Size	Quantity
KBAC-24D	1/2"	2
KBDA-24D, 24P, 42	1/2"	3
KBAC-27D, 29, 29 (1P), 45, 48 KBDA-27D, 29, 29 (1P), 45, 48	1/2"	2
	3/4"	1
KBPC / KBRC / KBPW	1/2"	2