POLYPETROCHEM

LOW PROFILE EDUCTION PIPE GUIDE

IDENTIFICATION

ADAPTER – stainless steel adapter plate

2″/3″ FLANGE – mating flange for valve or blind

4″ FLANGE – mating flange for manway nozzle

KEYHOLES – keyhole to for heavy Hex bolt head to reach SLOTS

SLOTS – slots to accommodate bolts for 2″/3″ connection

HOLES – holes to accommodate bolts or studs for manway nozzle connection

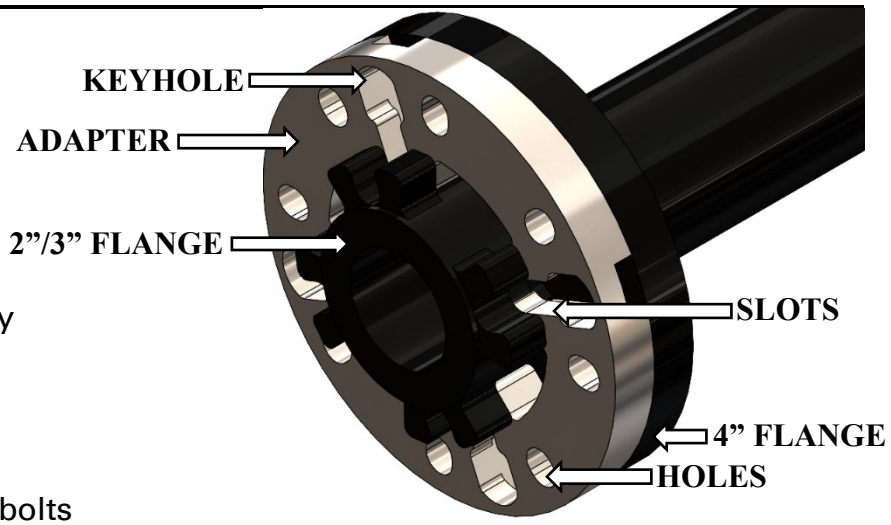


FIGURE 1

ASSEMBLY

1. PolyPetroChem's RAIL EDUCTION PIPE INSTALLATION INSTRUCTIONS should first be referenced for proper tube length on new pipe and/or flex installations.
2. The ADAPTER must be applied over the 2″/3″ FLANGE to sit flat against the top face of the 4″ FLANGE and rotated 45°, aligning the SLOTS in the 2″/3″ FLANGE with the SLOTS in the ADAPTER. Please reference FIGURE 2.
3. Bolts or studs should be applied in the HOLES to secure the 4″ FLANGE to the manway nozzle.
4. **HEAVY** hex bolts should be applied with the hex head down through the KEYHOLE in the ADAPTER. The head of the bolt may then be slid into position for 2″/3″ FLANGE.
5. The length of bolts required may depend on the mating equipment flange. Please reference FIGURE 3 when calculating bolt length.

Additional Guidelines

1. **HEAVY** hex bolts are required for securing equipment to the 2″ or 3″ slotted hole patterns. Standard head bolts are UNACCEPTABLE. Please reference FIGURE 4.
2. The ADAPTER may have a tight fit between the 2″/3″ FLANGE and 4″ FLANGE. If the ADAPTER does not turn by hand, a large flat head screwdriver or pry bar may be used against the ADAPTER to lift the ears of the 2″/3″ FLANGE slightly for the ADAPTER to rotate.

(ADDITIONAL FIGURES ON BACK)

POLYPETROCHEM

FIGURE 2

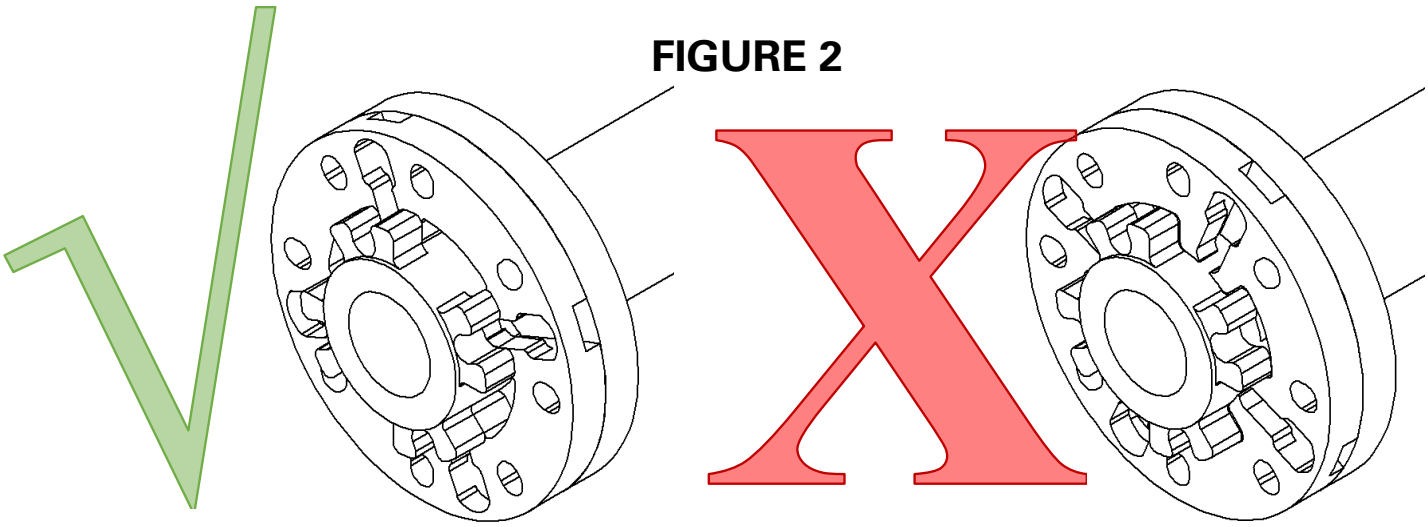


FIGURE 3

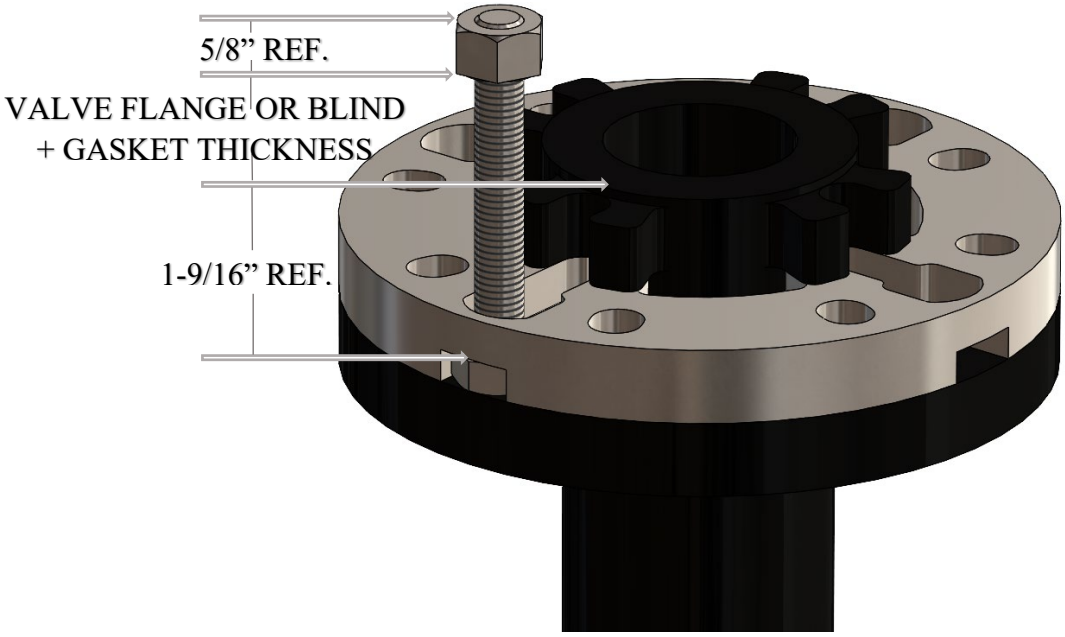


FIGURE 4

