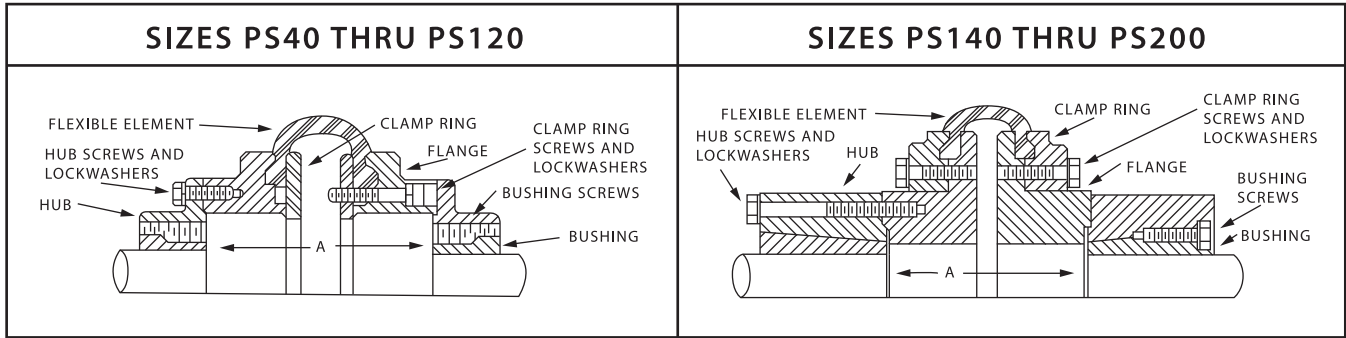


PARA-FLEX® Spacer Couplings

These instructions must be read thoroughly before installing or operating this product.



INSTALLATION:

1. Install hubs on shaft per instructions packaged with bushings. Shaft ends must not project beyond hub ends.
2. Place shafts into position. If shaft end float is to occur, locate the shafts at the mid-position of the end float.* Dimension "A", see drawing, should be the same as the figure stamped on the end of the flange after the coupling number.
3. Check shaft angular misalignment by measuring dimension "A" at four places 90° apart. Adjust the equipment until the four measurements do not vary more than value "B" per the table. Check the parallel offset by laying a straight edge across the O.D. of shaft hubs in four places 90° apart. The gap between the flange and straight edge should not exceed 1/32". To realize maximum coupling life, align the coupling as accurately as possible at initial installation.
4. Check the torque on the clamp ring screws per the table. Tighten if necessary. Compress the center assembly (using "C" clamps if necessary) and slip between the hubs until the pilots engage. Install hub screws and tighten with a torque wrench to the torque specified in the table for hub screws.

FLEXIBLE ELEMENT REPLACEMENT:

1. Remove hub screws. Compress the center assembly (using "C" clamps if necessary) and remove from place.
2. Loosen all clamp ring screws. Grasp one end of flexible element at the split and peel off of flanges.
3. Check to see that only 2 or 3 threads of each clamp ring screw are engaged.

WARNING: Because of the possible danger to persons(s) or property from accidents which may result from the improper use of products, it is important that correct procedures be followed. Products must be used in accordance with the engineering information specified in the catalog. Proper installation, maintenance and operation procedures must be observed. The instructions in the instruction manuals must be followed. Inspections should be made as necessary to assure safe operation under prevailing conditions. Proper guards and other suitable safety devices or procedures as may be desirable or as may be specified in safety codes should be provided, and are neither provided by Baldor Electric Company nor are the responsibility of Baldor Electric Company. This unit and its associated equipment must be installed, adjusted and maintained by qualified personnel who are familiar with the construction and operation of all equipment in the system and the potential hazards involved. When risk to persons or property may be involved, a failsafe device must be an integral part of the driven equipment beyond the speed reducer output shaft.

4. Holding the replacement flexible element upright with the split open and up, slip each flange into the element. Place this assembly on one end and work the element down on the flange seats, using a small mallet if necessary, until the split of the element is closed. Holding the split closed, tighten (by half turns) two screws in the top flange which are directly opposite the split in the element. Using both hands, knead the tire pulling it toward the split. Hold split closed and tighten (by half turns) next two screws farthest from split. Repeat this procedure on all remaining clamp screws. Retighten (by half turns) all clamp ring screws repeatedly, stopping when metal-to-metal contact is felt upon bottoming of the clamp ring to the flange. With the clamp ring thus bottomed to the flange and the rubber element thus compressed to its limitation, retighten each screw with a torque wrench to the torque specified in the table for clamp ring screws. Turn the assembly over and using the procedure specified above, tighten the screws in the remaining flange.
5. Replace center assembly per Step 4 of Installation.

Coupling Size	Wrench Torque (Pound-Inches)		
	Clamp Ring Screws	Hub Screws	"B"
PS40	130	130	1/64
PS50	130	180	1/64
PS60	240	180	1/64
PS70	290	180	1/64
PS80	290	300	1/64
PS90	480	300	1/32
PS100	480	300	1/32
PS110	480	300	1/32
PS120	1080	720	1/32
PS140	1080	720	1/32
PS160	2160	1296	1/16
PS200	2160	1296	1/16

If replacing clamp ring screws and washers, use only SAE Grade 8 screws and hardened washers.

* If limited end float is required or sleeve bearings are used, consult DODGE product support.





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