

[illegible]

PERMISSIBLE RADIAL+AXIAL FORCE

ROTOR SPRING—
MOUNTED IN
AXIAL DIRECTION

SPRING
WASHER

BEARING

F_r


F_a

a

The diagram shows a cross-section of a rotor assembly. A central shaft is shown with a rotor body mounted on it. The rotor body is supported by two bearings, each with a spring washer. A force F_r is applied radially to the rotor body. A force F_a is applied axially to the rotor body. The distance a is indicated between the center of the rotor body and the center of the bearings.

FULL STEP 2 PHASE-Ex.,
WHEN FACING MOUNTING END (X)

STEP	A	B	A\	B\		CCW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

4	change tol. cable/rework draw	09.03.16	A.S.	 Nanotec® PLUG & DRIVE			APVD	<i>S.Ha.</i>	16.01.07	STEPPING MOTOR
3	NEW VALUE OF INDUCTANCE	18.12.09	J.W.				CHKD			
2	ROTOR INERTIA+LENGTH+UL NO.	04.08.09	J.W.	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	DRN	<i>J.W.</i>	13.07.06	DWG.NO
REV	DESCRIPTION	DATE	DRN				SIGNATURE	DATE	ST6018M2008-A	