



TECHNICAL DATA-

- 1) TORQUE RANGE: 70 TO 175Nm.
- 2) RE-ENGAGEMENT: AT EVERY 360°
- 3) MAX AXIAL FORCE: 4KN
- 4) MAX RADIAL FORCE: 6KN
- 5) STROKE LENGTH: 2.2MM
- 6) PLATING: ELECTROLESS NICKEL PLATING
- 7) APPROX WEIGHT: 4.10Kg ₋₃ 2
- 8) TOTAL INERTIA: 8.978 X 10 ₋₃ Kgm

MATERIAL :

VALUES OF TOLERANCE IN MICRONS	400	575	800	1110	1520	2130	2910	3900	5100	6500
STEPS IN mm	0-4	4-10	10-20	20-40	40-75	75-150	150-300	300-600	600-1200	1200-2500
VALUES OF TOLERANCE IN mm	±0.0075	±0.015	±0.030	±0.060	±0.120	±0.240	±0.480	±0.960	±1.920	±3.840
STEPS IN mm	0-0.075	0.075-0.150	0.150-0.300	0.300-0.600	0.600-1.200	1.200-2.400	2.400-4.800	4.800-9.600	9.600-19.200	19.200-38.400
TOLERANCES ON ANGLES OF REGIMENT	±0.5° TO ±1.0°									
TOLERANCES ON RADIUS OF REGIMENT	±0.25mm TO ±0.50mm									
TOLERANCES ON CHAMFER OF REGIMENT	±0.25mm TO ±0.50mm									
TOLERANCES ON SQUARENESS OF REGIMENT	±0.25mm TO ±0.50mm									
TOLERANCES ON PERPENDICULARITY OF REGIMENT	±0.25mm TO ±0.50mm									
TOLERANCES ON SURFACE FINISH	Ra 0.8 TO Ra 3.2									



NO.	DATE	REVISION DESCRIPTION	DRAWN	CHECKED

PACKAM CONTROLS PRIVATE LIMITED
PREMIUM PACKAM SERIES
 TORQUE LIMITER-TS175 (FLANGE TYPE)
 SCALE: 1:1
 DATE: 17.03.2022
 DRAWING NO: TS175F-001-XX-X
 ISSUE: 1
 SHEET: 1 of 1

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED