










6AXX FASTENING ELEMENTS AND TIGHTENING TORQUES

6AXX	Type	Nominal force/ Nominal torque	Dimensions	Material	Measuring platform / Live End			Stator / Dead End		
					Thread	Tightening Torque (Nm)	Cylinder pin Hole (mm)	Thread / Cylinderhead Screw	Tightening Torque (Nm)	Cylinder pin Hole (mm)
	6A27	±50N/1Nm	∅27 mm x 25 mm	Stainless Steel/ Aluminum	Internal thread 6x M2x0.4 ↓ 4 mm	0.4	∅2 E7 ↓ 4 mm	Internal thread 6x M2x0.4 ↓ 4 mm	0.4	∅2 E7 ↓ 4 mm
	6A40	±200N/5Nm	∅60 mm x 40 mm	Aluminum Stainless Steel mounting	Internal thread 6x M5x0.8 ↓ 6 mm	5	∅3 E7 ↓ 7 mm	Internal thread 6x M5x0.8 ↓ 6 mm	5	∅3 E7 ↓ 7 mm
		±500N/20Nm		Stainless Steel Stainless Steel mounting		9			9	
	6A68	±1kN/20Nm ±2kN/50Nm	∅83 mm x 64 mm	Aluminum Alloy	Internal thread 6x M10x1.5 ↓ 12 mm	40	2 x ∅6 H7 ↓ 12 mm	Internal thread 6x M10x1.5 ↓ 12 mm	40	2 x ∅6 H7 ↓ 12 mm
		±5kN/50Nm ±10kN/500Nm		Stainless Steel		70			70	
	6A80	±1kN/50Nm ±2kN/100Nm	∅80 mm x 50 mm	Aluminum Alloy	Internal thread 6x M8x1.25 ↓ 9 mm	20	2 x ∅5 E7 ↓ 6 mm	Internal thread 6x M8x1.25 ↓ 9 mm	20	2 x ∅5 E7 ↓ 6 mm
		±5kN/250Nm		Stainless Steel		40			40	
	6A110	±4kN/250Nm	∅110 mm x 60 mm	Aluminum Alloy	Internal thread 6x M10x1.5 ↓ 10 mm	50	2 x ∅6 E7 ↓ 10 mm	Internal thread 6x M10x1.5 ↓ 10 mm	50	2 x ∅6 E7 ↓ 10 mm
		±10kN/750Nm		Stainless Steel		70			70	
	6A130	±5kN/500Nm	∅130 mm x 80 mm	Aluminum Alloy	Internal thread 6x M12x1.75 ↓ 15 mm	80	2x ∅8 E7 ↓ 15 mm	Internal thread 6x M12x1.75 ↓ 15 mm	80	2x ∅8 E7 ↓ 15 mm
		±15kN/1.2kNm		Stainless Steel		120			120	
	6A154	±50N/5Nm ±100N/10Nm	∅154 mm x 100 mm	Aluminum Alloy	Internal thread 6x M6x1 ↓ 8 mm	10	∅6 E7 ↓ 8 mm	Internal thread 6x M6x1 ↓ 8 mm	10	∅6 E7 ↓ 8 mm
		±200N/20Nm ±500N/50Nm				15			15	
	6A175	±10kN/1kNm ±20kN/2kNm ±50kN/5kNm	∅175 mm x 110 mm	Stainless Steel Stainless Steel mounting	Internal thread 6x M16x2 ↓ 25 mm	250	2x ∅10 E7 ↓ 25 mm	Internal thread 6x M16x2 ↓ 25 mm	250	2x ∅10 E7 ↓ 25 mm
	6A225	±50kN/10kNm ±100kN/15kNm	∅225 mm x 140 mm	Stainless Steel Stainless Steel mounting	Internal thread 12x M20x2.5 ↓ 25 mm	580	2x ∅12 E7 ↓ 18 mm	Internal thread 12x M20x2.5 ↓ 25 mm	580	↓ 18 mm
		±200kN/20kNm								