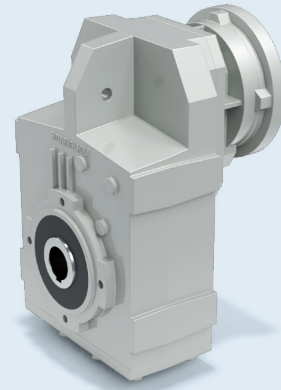


## HELICAL PARALLEL

### F Series

The F series gearbox is a versatile and compact solution for demanding applications. Its layout, the lateral holes for side mounting and the embedded torque arm minimize the mounting space and simplify installation. Its forced gear-shaft mounting ensures high torsional rigidity and precise operation, even in dynamic applications. The F series also offers a wide ratio range and output speed range, making it suitable for various needs.

























 | ATEX AVAILABLE

### MAIN BENEFITS

- Reduced installation space
- Wide output speed range
- High stiffness for dynamic application
- Safe operation in potentially explosive atmospheres

### MAIN OPTIONS

Stages			Version	Adapter			
							
2 STAGES	3 STAGES	4 STAGES	FLANGE	IEC	COMPACT	NEMA	SERVO
Antivibration	Oil seal (single/double)		Oil type			Valve	Backlash
							
BUSHING KIT FOR TOUQE ARM	NBR	FKM	SYNTHETIC	MINERAL	FOOD GRADE	BREATHER PLUG	REDUCED BACKLASH
Backstop	Output Shaft (metric or imperial)		Bearings	Cover	Surface protection		
							
BACKSTOP	HOLLOW SHAFT (keyed or with shrink disk or splined)	PLUG-IN SOLID SINGLE	REINFORCED BEARINGS	SAFETY COVER	PAINTING CLASS UP TO C5		

### TECHNICAL DATA

Sizes	Nominal torque <sup>(1)</sup>	Gear ratio range		Max. adapter size	
	[Nm]	i		IEC	NEMA
F 10	140	7.4-127.1		63-112	56C-180TC
F 20	250	6.4-545.3		63-112	56C-180TC
F 25	400	6.9-1374		63-112	56C-180TC
F 31	600	6.9-1539		63-132	56C-210TC
F 41	1,100	6.7-1411		63-132	56C-210TC
F 51	1,800	7.2-1439		63-180	56C-280TC
F 60	2,900	9.0-1141		63-180	56C-280TC
F 70	5,000	10.0-2188		63-200	56C-280TC
F 80	8,000	10.3-1987		63-225	56C-320TC
F 90	14,000	10.3-2099		63-250	56C-320TC

(1) The Nominal Torque is the torque rating representative of the size. The value can change with gear ratio.