

Flat swivel units		Angled swivel units		Electric swivel units	
SF150	SF150M	SF190	SF190M	IL150	IL190



Flat swivel unit

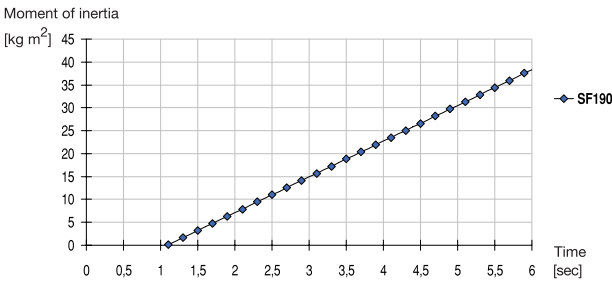
SF190 Series

Swivel angle: 90° or 180°

Advantages, benefits, comparisons and tips!
Stacks of information all about this product are on page 239.



Sommer-automatic
Grippers
Separators
Swivel units
Rotating jaws
Axial compensators
Tool changers
Linear cylinders
Shock absorbers
Rotary cylinders
Air vane motors
Vacuum components
Accessories
Quick finder



Order no. (swivel angle 90°):	
SF190-90S	SF190-90H
Order no. (Swivel angle 180°):	
SF190-180S	SF190-180H
Drive:	
pneum.	hydr.
Torque [Nm]:	
115	380
Swivel angle 90° or 180° adjustable ± [°]:	
3	3
Repeatability ± [°]:	
0,01	0,01
Thru-hole center bore Ø [mm]:	
34	34
Radial bearing load [Nm]:	
1500	1500
Axial bearing load [N]:	
8000	8000
Min./max. operating pressure [bar]:	
3/8	10/25
Air volume per cycle 90°/180° [cm³]:	
950/1270	-
Oil volume per cycle 90°/180° [cm³]:	
-	635/1270
Min./max. operating temperature [°C]:	
5/80	5/80
Weight [kg]:	
17,2	17,2

All data measured at 6 bar (hydr. 20 bar).

See Page 239 for Accessory list

All models include integral shock absorbers

See page 246 for add-on rotary manifolds.

