

## PRN Miniature series - Fixed oscillating angle - Order Codes

### Standard models



Single vane	Torque 6 bar (N.cm)	Oscillating angle			Oscillating reference point	
		90°	180°	270°	45°	90°
PRNA1S	15,6	PRNA1S-90-90	PRNA1S-180-90			X
PRNA3S	38	PRNA3S-90-90	PRNA3S-180-90			X
PRNA10S	120	PRNA10S-90-90	PRNA10S-180-90			X
PRNA20S	210	PRNA20S-90-90	PRNA20S-180-90			X
PRN30SE	410	PRN30SE-90-45	PRN30SE-180-45	PRN30SE-270-45	X	
<b>Double vane</b>						
PRNA1D	34,7	PRNA1D-90-45				X
PRNA3D	86	PRNA3D-90-45				X
PRNA10D	254	PRNA10D-90-45				X
PRNA20D	470	PRNA20D-90-45				X
PRN30DE	950	PRN30DE-90-45				X

How to select a PRN rotary actuator ?  
Refer page 28

### Rotary Actuator mountings



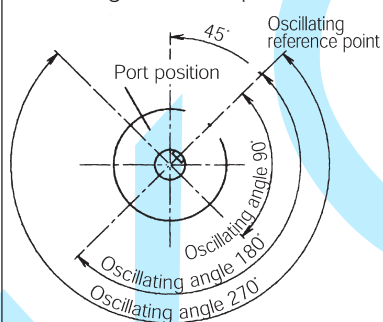
Rotary Actuator	Flange mounting	Foot mounting
PRNA1S/D	PRN1-P	PRN1-L
PRNA3S/D	PRN3-P	PRN3-L
PRNA10S/D	PRN10-P	PRN10-L
PRNA20S/D	PRN20-P	PRN20-L
PRN30SE/DE	PRN30-P	PRN30-L

The mountings are provided with set screws

### Oscillation starting point and oscillation angle

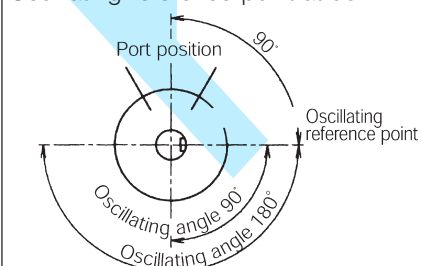
PRNA1D, PRNA3D, PRNA10D  
PRNA20D, PRN30SE/DE

Oscillating reference point at 45°



PRNA1S, PRNA3S, PRNA10S,  
PRNA20S

Oscillating reference point at 90°



### Switch units

Variable switch position, solid state NPN or PNP.  
Refer to page 13 for Technical information.



For Rotary Actuator	NPN	PNP
PRNA1S/D	FR-1PRNA	FP-1PRNA
PRNA3S/D	FR-3PRNA	FP-3PRNA
PRNA10S/D	FR-10PRN	FP-10PRN
PRNA20S/D	FR-20PRN	FP-20PRN
PRN30SE/DE	FR-30PRN	FP-30PRN

### Maintenance kits

The maintenance kit consists in the vane shaft, shoe seal and shaft O'rings

For Rotary Actuator			
Single vane		Double vane	
PRNA1S	PRNA1S-PS	PRNA1D	PRNA1D-PS
PRNA3S	PRNA3S-PS	PRNA3D	PRNA3D-PS
PRNA10S	PRNA10S-PS	PRNA10D	PRNA10D-PS
PRNA20S	PRNA20S-PS	PRNA20D	PRNA20D-PS
PRN30SE	PRN30S-PS	PRN30DE	PRN30D-PS