

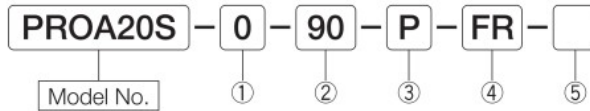
Miniature HI-ROTOR / Variable oscillating angle type

PROseries

3S, 10S, 20S, 30S, 3D, 10D, 20D, 30D



ORDERING INSTRUCTIONS



Single vane	Double vane
PROA3S	PROA3D
PROA10S	PROA10D
PROA20S	PROA20D
PRO30S	PRO30D

① Oscillating angle

0	Angle setting not specified
Desired angle*	Angle setting specified

* Custom-made

② Oscillating reference point

90	90° (PROA3S, 10S, 20S)
45	45° (PROA3D, 10D, 20D) (PRO30S/D)

③ Mounting hardware

No mark	No mounting hardware
P	With flange plate
L1	With one foot plate

④ Type of switch units

No mark	No switch	Switch position adjustable
FR	With CT-3 switch	
FU	With CT-3U switch	
FP	With CTP-3 switch	

(Note) • Two switches are provided.

• FP is made-to-order

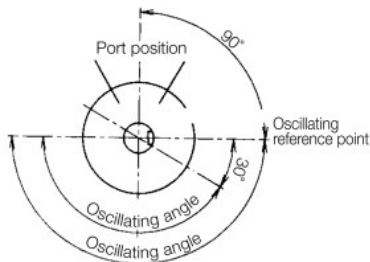
⑥ Option

No mark	Without protective cover
K	With protective cover

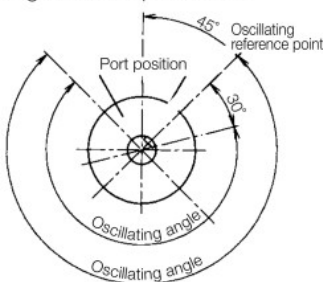
(Note) For HI-ROTORs with switches, the protective cover cannot be mounted.

OSCILLATION STARTING POINT AND OSCILLATION ANGLE

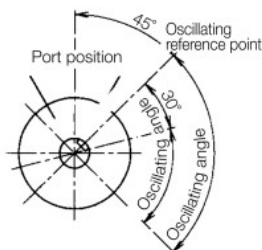
PROA3S, PROA10S, PROA20S
Oscillating reference point at 90°



PRO30S
Oscillating reference point at 45°



PROA3D, PROA10D, PROA20D, PRO30D
Oscillating reference point at 45°



(Note) • HI-ROTORs of which the angle setting is not specified are shipped with fixed the reference point stopper but not the angle setting stopper when delivered. Be sure to attach the accompanying angle setting stopper without fail before use.

• HI-ROTORs of which angle setting is specified (made-to-order) will be delivered with angle setting stopper attached to the approximate position. Be sure to adjust the stopper position with the fine adjust screw before use.

• HI-ROTORs with a switch unit will be delivered together with the switch unit in the package. Assemble them after adjusting the external stopper. For the method of assembly, see Page 54.

• Mounting hardwares are not fabricated to the HI-ROTOR when delivered but are included in the package.

Model Nos. of stopper unit

Applicable HI-ROTOR	Model No.
PROA3S/D	RO3-U
PROA10S/D	RO10-U
PROA20S/D	RO20-U
PRO30S/D	RO30-U

Model Nos. of protective cover

Applicable HI-ROTOR	Model No.
PROA3S/D	PRO3-K
PROA10S/D	PRO10-K
PROA20S/D	PRO20-K
PRO30S/D	PRO30-K

(Note) For details, see page 26.

Model Nos. of mounting hardware

Applicable HI-ROTOR	Flange plate	Foot plate
PROA3S/D	PRN3-P	PRN3-L
PROA10S/D	PRN10-P	PRN10-L
PROA20S/D	PRN20-P	PRN20-L
PRO30S/D	PRN30-P	PRN30-L

(Note) These hardware are provided with set screws.