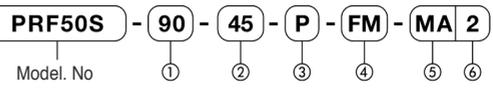


PRF Series

HI-ROTOR/Standard type
50S, 150S, 300S, 800S/50D, 150D, 300D, 800D

HI-ROTORS of this series are exclusively used for air-hydro systems and are suitable for operation at low speed.

Ordering Instructions



- ① Oscillating angle, ② Oscillating reference point, ③ Mounting head ware, ④ Option, ⑤ Type of switch, ⑥ Number of switches are same as those of the Standard Type PRN series

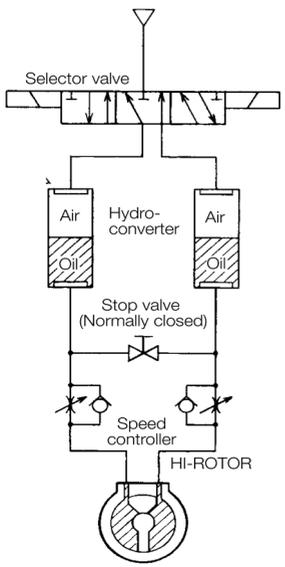


Specifications

Fluid	Unit	Hydraulic oil
Operation pressure range	MPa	0.2~1
Proof withstanding pressure	MPa	1.5
Temperature range	°C	5~60

- Other specifications are the same as for Standard type PRN series.
- Use turbine oil Class 1 (ISO VG32) or hydraulic fluid having the equivalent viscosity. Note that some noncombustible hydraulic fluid are not suitable.

How to use



Minimum Oscillating Time

Single vane

(Unit : s)

Model No.	Oscillating angle			
	90°	180°	270°	280°
PRF50S	0.3	0.5	0.7	0.7
PRF150S	0.4	0.7	0.9	1.0
PRF300S	0.4	0.7	1.0	1.0
PRF800S	0.7	1.3	1.8	1.8

Double vane

(Unit : s)

Model No.	Oscillating angle	
	90°	180°
PRF50D	0.6	0.7
PRF150D	1.3	1.4
PRF300D	1.9	2.1
PRF800D	2.4	2.6

Note: Dimansions are the same as for standard type PRN series.