MODEL MF

● Analog-Readout ● RoHS Compliant

Model MF10-15XB

Model MF10-15YB

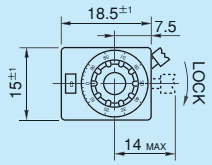
Model MF20-22B

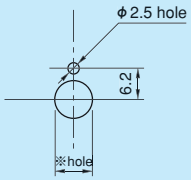
Model MF20-46B

● Standard Dimensions

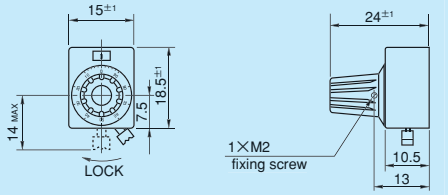
■ Model MF10-15XB
■ Model MF10-15XBD (without flexible coupling)

Panel Arrangements

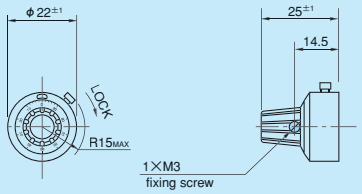


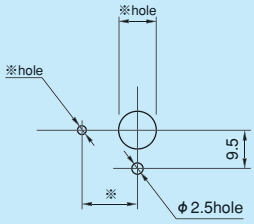


■ Model MF10-15YB
■ Model MF10-15YBD (without flexible coupling)

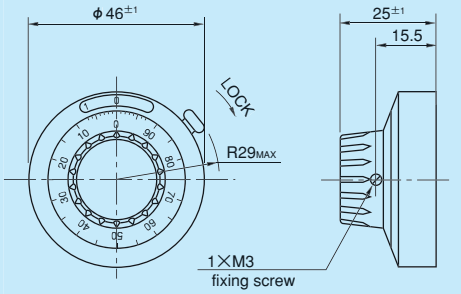


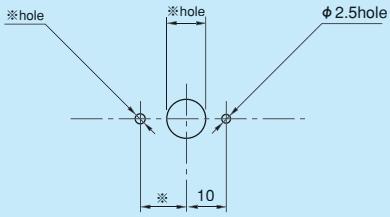
■ Model MF20-22B





■ Model MF20-46B

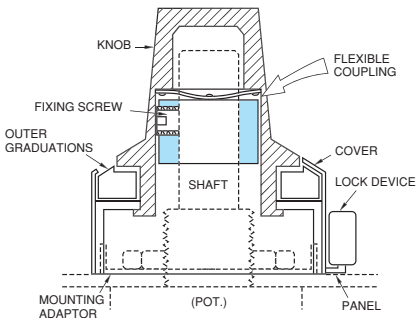




Note: The diameter of ※hole is depending on the diameter of potentiometer to be mounted.

Construction of MF Dial

Flexible coupling incorporated



SAKAE MF dial is provided with a flexible coupling situated between the shaft of the potentiometer to be mounted and inner dial knob. With such unique device, traditional trouble such as irregular rotation and ununiform torque due to inaccurate mounting of the potentiometer on dial can be easily solved. Even the unskilled can mount this MF dial and you can save the labor cost using this MF dial.

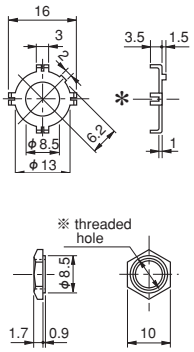
CAUTION: When rotating MF dial mounted with multi-turn potentiometer with over 0.2N・m force, the flexible coupling may be damaged or broken. So, please take care of this point during its operation.

General Specifications

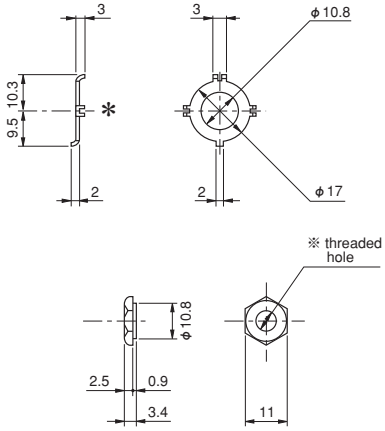
Model No	Number of Turns-Counting	Matching Shaft Dia. (mm)		Combinable Helicalohm Pot. (Matching shaft length of 25mm)	Patented Flexible Coupling	Lock Device	Operating Temperature Range	Mass (Approx. g)
		Standard	Special					
MF10-15B	10	3	3.175, 4	10HP 25HP 12HP 12HHP 12HPC	YES	YES	−30℃～+60℃	15
MF10-15BD					NO			
MF20-22B	20	6	3, 3.175, 4,6.35	10HP 12HHP 12HP 12HPC 25HP 20HHP 20HP 46HD 22HHP 22HP	YES	YES	−30℃～+60℃	17
MFn-46B	3, 5, 10, 20	6	6.35	20HP 25HP 20HHP 22HP 46HD 22HHP	YES	YES	−30℃～+60℃	50

Mounting Adaptors for use with MF & DB Series

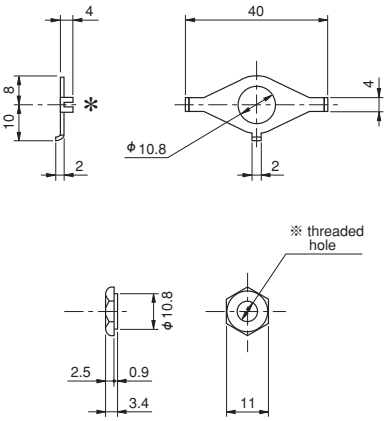
■ For Model MF10-15B
■ For Model MF10-15BD



■ For Model MF20-22B
■ For Model DB10-26B

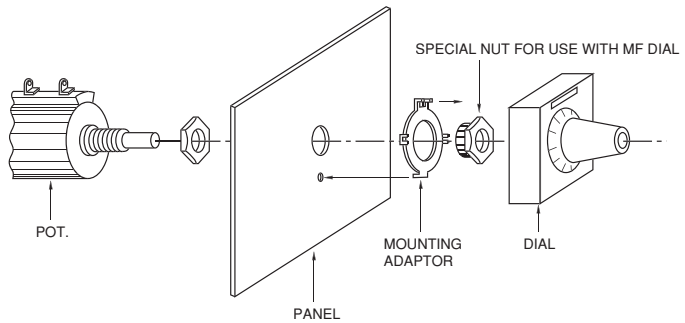


■ For Model MF20-46B



Note1: The diameter of ※hole is depending on the diameter of potentiometer to be mounted.
Note2: When mounting the dial on potentiometer, the 2-finger projections (＊) of mounting adaptor are inserted in the receiving holes prepared on the base plate of dial firmly, by adjusting the gap between 2-finger projection (＊) with a screw-driver. There is possibility where some irregular turns of dial may take place if the adjustment of this gap is insufficient.

How to mount MF Series



The mounting adaptor as well as specially shaped nut only for use with Model MF Series Dials and Helicalohm pot. are fixed on the panel according to the illustration given the above.
The shaft of the Helicalohm pot. is turned anticlockwise to its limit and is put into the mounting hole of the dial which is already set at "0" At the same time, 4 projections of the mounting adaptor are inserted in 4 receiving holes prepared on the base plate of the dial and then all parts should be pressed to the panel firmly to eliminate any space. The shaft of the potentiometer is fixed by the hexagonal nut positioned in the knob of the dial by screwing it with an attached hexagonal wrench. With this, the mounting is completed.