



BFT Swing Gate Motors Making the right choice

Electro-Mechanical equipment is generally designed for the domestic user and has a duty cycle which suits family residences and entrances that are not busy throughout the day.

Electro-hydraulic equipment is generally designed for a higher duty cycle and is suitable for busy entrances and prestige gates. Our hydraulic gate operators are fully serviceable and, if properly

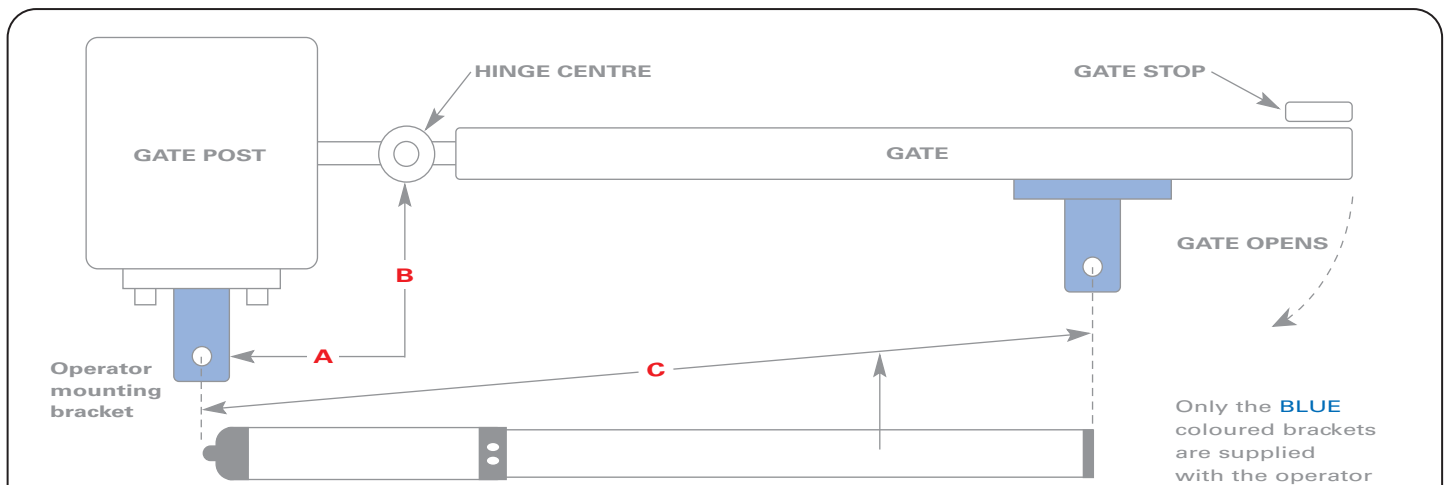
maintained, will give many years of reliable service.

Post mounted operators (Mechanical or Hydraulic) are fixed to the gate post and a sturdy cross member on the gate. It is important that they are fitted to specific measurements in relation to the gate hinge. Please refer to the Mounting Dimensions diagram, shown below, to check suitability.

Underground operators (Mechanical or Hydraulic) fit below ground level and it is important that the operator driveshaft aligns with the gate hinge. Please refer to the Mounting Dimensions diagram, shown below, to check suitability.

If you cannot decide which system suits your application best, please call your local BFT distributor for assistance.

BFT Operator Mounting Dimensions

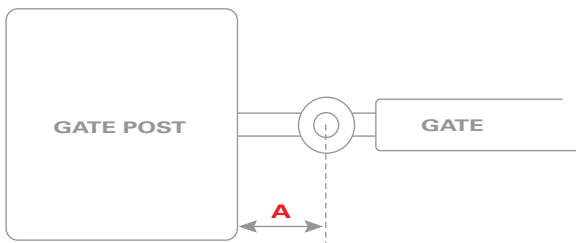


MODEL	A	B	C
PHOBOS	140	140	983
PHOBOS L	180	180	800
ORO	120	120	890
LUX 2B	135	135	985
LUX 2B FC	140	140	1130
LUX GV	195	195	1240
P SERIES (4.5 & 7)	195	195	1335

Mounting dimensions shown give the optimum position for an even speed over 90 degrees. (Long stroke rams can be used for opening in excess of 90 degrees)

Dimension C is measured between the gate and gate post mounting pins with the gate firmly closed against the stop. (This is a maximum)

It is important that all dimensions; A, B & C are accurately achieved.



A = Measurement from hinge centre to face of gate post

SUB MOTOR A = 65mm Minimum

ELI MOTOR A = 70mm Minimum

If not achievable use off axis arms – Call for details

NB: IMPORTANT INFORMATION

All operators with a telescopic action require accurate mounting dimensions to be achieved in relation to the gate hinge. (i.e. the axis on which the gate rotates) These dimensions depend upon the length of the operating stroke of the ram. When installing telescopic action operators to existing gates

some modifications may be required to the gate hinge position or to the gate post. As many existing gates are hung in a non specific manner, it may be necessary to fabricate a tailor made bracket in order to mount the operator in the correct position.

N.B:

Failure to observe correct dimensions will result in poor performance, reduce

the life of the operator and affect the warranty of the unit.

Most operators run on a timed sequence (set at the system control panel) and gate stops are required in the open and closed position of the gate. *Detailed installation instructions are supplied with the operator.*

Please call us for assistance.