

Thanks to the various interfaces, the adaptors can be used with any portable valve actuator and any head (straight, right angle or banjo). They also enable you to use the actuators for applications other than activating valves and on many types of interface other than handwheels.

INTERFACES FOR ADAPTORS SAXXX, SUAXXX AND FUAXXX WITHOUT A BANJO HEAD

Using the **KPA** interface, you can manipulate the **SAXxx**, **SUAXxx** and **FUAXxx** adaptors without a banjo head.

Please note, this configuration is not compatible with handwheels that have a rising stem.

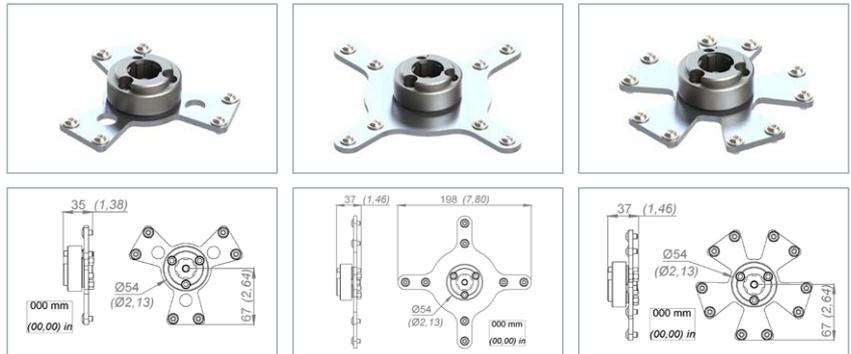
The KPA interface is available in 3 versions:

KPA003 for the SA003 adaptor

KPA004 for the SA004, SUA and FUA adaptors

KPA005 for the SA005 and SA007 adaptors

Référence	Poids (kg)	Couple maxi (Nm)
KPA003	0.6 (1,3)	350 (260)
KPA004	0.8 (1,8)	800 (590)
KPA005	0.7 (1,5)	800 (590)



HANDWHEEL PROTECTORS FOR USE WITH SAXXX ADAPTORS

These protectors, integrated into the self-adjusting and self-centering fingers adaptors (SAXxx), are designed to **protect the handwheel from being scratched during use**. They can be built into the adaptor during assembly in the factory or added later without difficulty.

They are made from high performance polyethylene, which is anti-static and resists wear and tear.

Each adaptor has a corresponding interface:

SA103 for the SA003 adaptor

SA104 for the SA004 adaptor

SA105 for the SA005 adaptor

SA107 for the SA007 adaptor



SA103

SA104

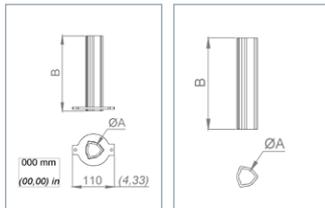
SA105

SA107

IMPORTANT

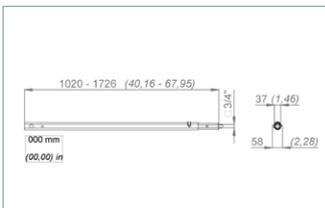
For your comfort and safety, please carefully read the instruction manual before using the portable valve actuator.

EXTENSION BARS



EBx01/02

EBx03/04



EB001

We have a wide range of **extension bars** which enable operators to move away from the handwheel or valve, notably in the case of tapered handwheels and underground / buried valves. **Light** and **robust**, they can be used on **rising stems** with two maximum diameters: 30mm or 50mm.

The **EBX01** and **EBX02** extension bars fix directly on to the **CSA**, **CSB**, **FSA** and **FSB** adaptors by one or more screw.

The **EBX03** and **EBX04** extension bars fix on to the **FUA** adaptors using the **TTA** interface.

All the extension bars can be adapted for use on the actuators using the **TTA** interface **for the banjo heads** and the **KTA** interface **for straight and right angle heads** (See technical sheet 13).

The **EB001 telescopic extension bar** is specifically adapted for manipulating **underground / buried valves**. On one end it has a square $\frac{3}{4}$ " male connector that connects to a standard socket. It can be activated either by a **straight or right angle actuator** (with the **KHA001** interface, see below), or by an actuator with a **banjo head** (using the **KHA002** interface, see below).

Reference	Weight kg (lb)	Max torque Nm (lb.ft)	"L" mm (in)	"A" mm (in)	Maxi stem Ø mm (in)
EB001	7,2 (15,9)	800 (590)	1020-1726 (40) (68)	37 (1,46)	N/A
EB201/EB203	1,0 (2,2)	800 (590)	200 (7,9)	32 (1,26)	30 (1,18)
EB401/EB403	1,9 (4,2)	800 (590)	400 (15,7)	32 (1,26)	30 (1,18)
EB601/EB603	2,8 (6,2)	800 (590)	600 (23,6)	32 (1,26)	30 (1,18)
EB202/EB204	1,3 (2,9)	800 (590)	200 (7,9)	52 (2,05)	50 (1,97)
EB402/EB404	2,5 (5,5)	800 (590)	400 (15,7)	52 (2,05)	50 (1,97)
EB602/EB604	3,7 (8,2)	800 (590)	600 (23,6)	52 (2,05)	50 (1,97)

Reference	Interface on actuator side	Interface on adaptor side	Adaptor
EB001	KHA001/002/003	Direct	CA30
EBX01	KTA001 ou TTA001	Direct	CSA / FSA
EBX02	KTA002 ou TTA002	Direct	CSB / FSB
EBX03	KTA001 ou TTA001	TTA001	FUA
EBX04	KTA002 ou TTA002	TTA002	FUA

INTERFACES FOR TELESCOPIC «TEE-KEY»

With the **KHA** interface, you can manipulate the EB001 extension bar (**telescopic «Tee-key»**).

Please note, this configuration cannot be used for handwheels with a rising stem.

The KHA interface is available in 3 versions:

KHA001 for straight and right angle actuators

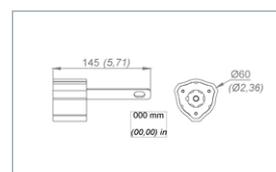
KHA002 for actuators with a banjo head

KHA003 is a universal joint for straight and right angle actuators

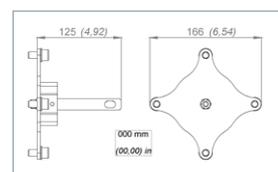
Référence	Weight kg (lb)	Max torque Nm (lb.ft)
KHA001	0,9 (2,0)	800 (590)
KHA002	09 (2,0)	800 (590)
KHA003	2.2 (4,9)	800 (590)



KHA003



KHA001



KHA002

IMPORTANT

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INTERFACES FOR ADAPTORS FS, CS AND EXTENSION BARS

The **KTA** and **TTA** interfaces enable the actuators to drive the **FSA**, **FSB**, **CSA** and **CSB** adaptors, plus the **extension bars**.

The **KTA** models should be used for actuators with a straight or right angle head.

The **TTA** models fix directly on to the banjo head.



KTA (for straight or right angle heads)

TTA (for banjo heads)

Reference	Weight kg (lb)	«A» mm (in)
KTA001 : Pour FSA, CSA, EBxx1-3	0,1 (0,22)	30 (1,18)
KTA002 : Pour FSB, CSB, EBxx2-4	0,4 (0,88)	50 (1,97)

Maximum allowed torque: 800 Nm (590 lb.ft)

Reference	Weight kg (lb)	«A» mm (in)	«B» mm (in)
TTA001 : Pour FSA, CSA, EBxx1-3	0,1 (1,54)	32 (1,26)	76 (2,99)
TTA002 : Pour FSB, CSB, EBxx2-4	0,4 (1,54)	52 (2,05)	95 (3,74)

Maximum allowed torque: 800 Nm (590 lb.ft)

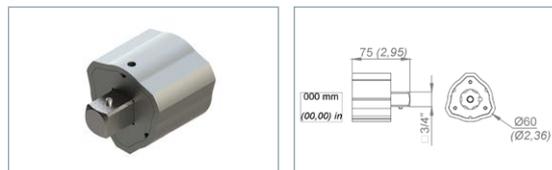
SQUARE DRIVES

The **KTA3/4** and **TTA3/4** interfaces can take a **3/4" square drive** which connects to **all types of socket** thereby turning all kinds of screws and bolts – this makes it possible to use your actuator for various types of applications.

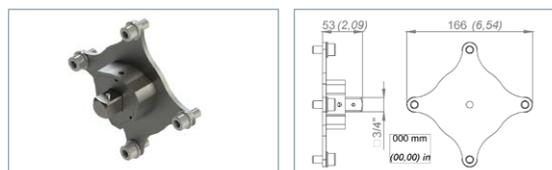
The **KTA** models should be used for actuators with a straight or right angle head.

The **TTA** models fix directly on to the banjo head.

Reference	Weight kg (lb)	Max torque Nm (lb.ft)
KTA3/4	1,1 (2,43)	800 (590)
TTA3/4	1,1 (2,43)	800 (590)



KTA3/4 (for straight or right angle heads)



TTA3/4 (for banjo heads)

IMPORTANT

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