

# GAS PORTABLE VALVE ACTUATORS PY68



## REDUCTION RATIO

(1 to 3 digits)  
see table overleaf

P Y 6 8 X X X X X X

E = Easy duty  
S = Standard duty  
H = Heavy duty

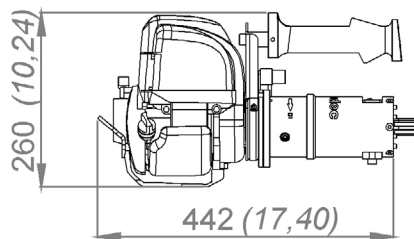
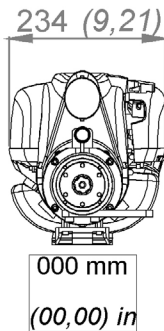
## OPTION

(2 digits)  
see table overleaf

modtec gas portable valve actuators can be used in **total autonomy** – the only limit being the available petrol supply. They are particularly suitable for use in **isolated outdoor places**.

Extremely robust, they have an **integrated clutch system which protects the operator and the equipment**, even if a valve is completely blocked.

## LAYOUT



LAYOUT	Weight*(kg) (lb)
PY68E	10 (22)
PY68S	10,3 (22,7)
PY68H	10,3 (22,7)

\*Empty weight  
Gas tank capacity : 0.5 l (0.13 US gal)

Watt → Horse power

W x 0,001341 = cv

Newton meter → Foot pound

Nm x 0,7376 = lb.ft

Millimeter → inch

mm x 0,03937 = in

Kv → Cv

Kv x 0,07 = Cv

Bar → pound / square inch

Bar x 14,5 = psi

Normo liter / minute → Standard cube feet / minute

NL / min x 0,03531 = scfm

Kilogramme → Pound

Kg x 2,205 = lb

## OPTIONS AND ACCESSORIES

OPTIONS (page 5)				
Digital revolution counter		▶		▶
Torque limiter*			▶	▶
CODE	00	02	03	05

\*see torque and speed values page 5 : « Options »  
 Not all options are available for all models.  
 See below for availability.

**!** Check the technical data sheet to see which options and accessories are capable of withstanding the torque created by the actuator !

ACCESSORIES	Page
Drive head	6
Adaptors and interfaces	7-14
Torque reaction systems	15-17
Other accessories	20

## PERFORMANCE

Straight or with RA30	Free speed (rpm)	Max torque (Nm (lb.ft))	Starting torque (Nm (lb.ft))	Options available		
				02	03*	05*
PY68E-031	305	55 (41)	41 (30)	▶	▶	▶
PY68S-087	100	150 (110)	115 (85)	▶	▶	▶
PY68S-148	64	260 (190)	195 (145)	▶	▶	▶
PY68H-192	50	340 (250)	250 (180)	▶	▶	▶
PY68H-293	32	520 (380)	390 (290)	▶	▶	▶
PY68H-641	15	1140 (840)**	850 (630)	▶	▶	▶

With banjo head BJH01	Free speed (rpm)	Max torque (Nm (lb.ft))	Starting torque (Nm (lb.ft))	Options available		
				02	03*	05*
PY68E-031	75	220 (160)	160 (120)	▶	▶	▶
PY68S-087	27	600 (440)	460 (340)	▶	▶	▶
PY68S-148	<b>Not available</b>					
PY68H-192						
PY68H-293						
PY68H-641						

With banjo head BJH02	Free speed (rpm)	Max torque (Nm (lb.ft))	Starting torque (Nm (lb.ft))	Options available		
				02	03*	05*
PY68E-031	100	165 (120)	120 (90)	▶	▶	▶
PY68S-087	36	460 (340)	350 (260)	▶	▶	▶
PY68S-148	21	790 (580)	590 (440)	▶	▶	▶
PY68H-192	16	1000 (740)**	760 (560)	▶	▶	▶
PY68H-293	<b>Not available</b>					
PY68H-641						



\*see torque and speed values page 5 : « Options »

\*\* Warning ! Do not use the actuator when the torque is higher than 1000 Nm (740 lb.ft) or use a torque limiter

### IMPORTANT

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