

Engine Model	G270F
Engine Type	Single cylinder, 4-stroke, OHV, forced air cooling
Net Power (hp / kW)	8.0 / 6.0 @ 3600 r/min
Gross Power (hp / kW)	9.0 / 6.7 @ 3600 r/min
Net Torque (Nm)	16.3 @ 2500 r/min
Bore x Stroke (mm)	77 x 58
Displacement (cc)	270
Compression Ratio	8.1 : 1
Oil Capacity (L)	0.95
Fuel Consumption (g/kw h)	≤ 374
Oil Consumption (g/kw h)	≤ 6.8
Idle Speed	1450 ± 150
Starting System	Recoil / Electric start optional
Noise (≤ 7m)	70dBA
Dimensions (L x W x H mm)	430 x 380 x 410
Net Weight (kg)	25

A View

195.5

13

118

83

4XR12

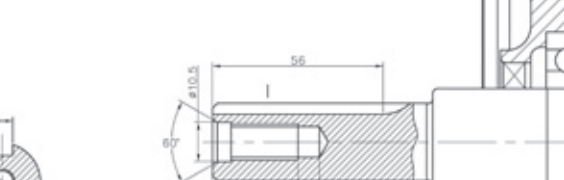
4XR6

2X ϕ 8depth8.5

2X ϕ 24

2X ϕ 12

Technical drawing of the rear view of the device. It shows a rectangular unit with a central circular feature. Dimensions are indicated: 145 (width of the main body), 273 (total width including the side panel), and 273 (width of the side panel).



Technical drawing of a P-Shaft 1. The drawing includes a cross-sectional view on the left and a side view on the right. The cross-sectional view shows a circular shaft with a central hole of diameter $\phi 25.4 \pm 0.025$ and a top flange with a diameter of 6.3 ± 0.05 and a height of 21.3 ± 0.3 . The side view shows the shaft with a length of 56, a diameter of $\phi 10 \pm 0.3$, and a 60° taper. The shaft is mounted on a bearing assembly with a total length of 88.5. The bearing assembly has a diameter of $\phi 16.2$ and a width of $0.5 \sim 1.5$. The shaft is labeled "P-Shaft 1" and "3/8-24UNF-2B". The bearing assembly is labeled "TO ENGR. CENTER" and "(43.5)".

