

870-2, 871-2 SERIES

Pneumatic Power Clamps | Ordering Information

870-2

Base Model	Description
870-2	With Clamping Arm in Vertical Position
871-2	With Clamping Arm in Horizontal Position

Sensors	Description (order separately)
BIM-IKE-AP	Magnetic Sensor, 2 pieces required
810151	Magnetic Sensor, 2 pieces required
810153	Magnetic Sensor, 2 pieces required
810155	Magnetic Sensor, 2 pieces required
810157	Magnetic Sensor, 2 pieces required

See page PC-PPC-58 for sensor specifications.



871-2

Max Holding Torque
260 Nm
Max Clamping Torque
60 Nm at 5bar



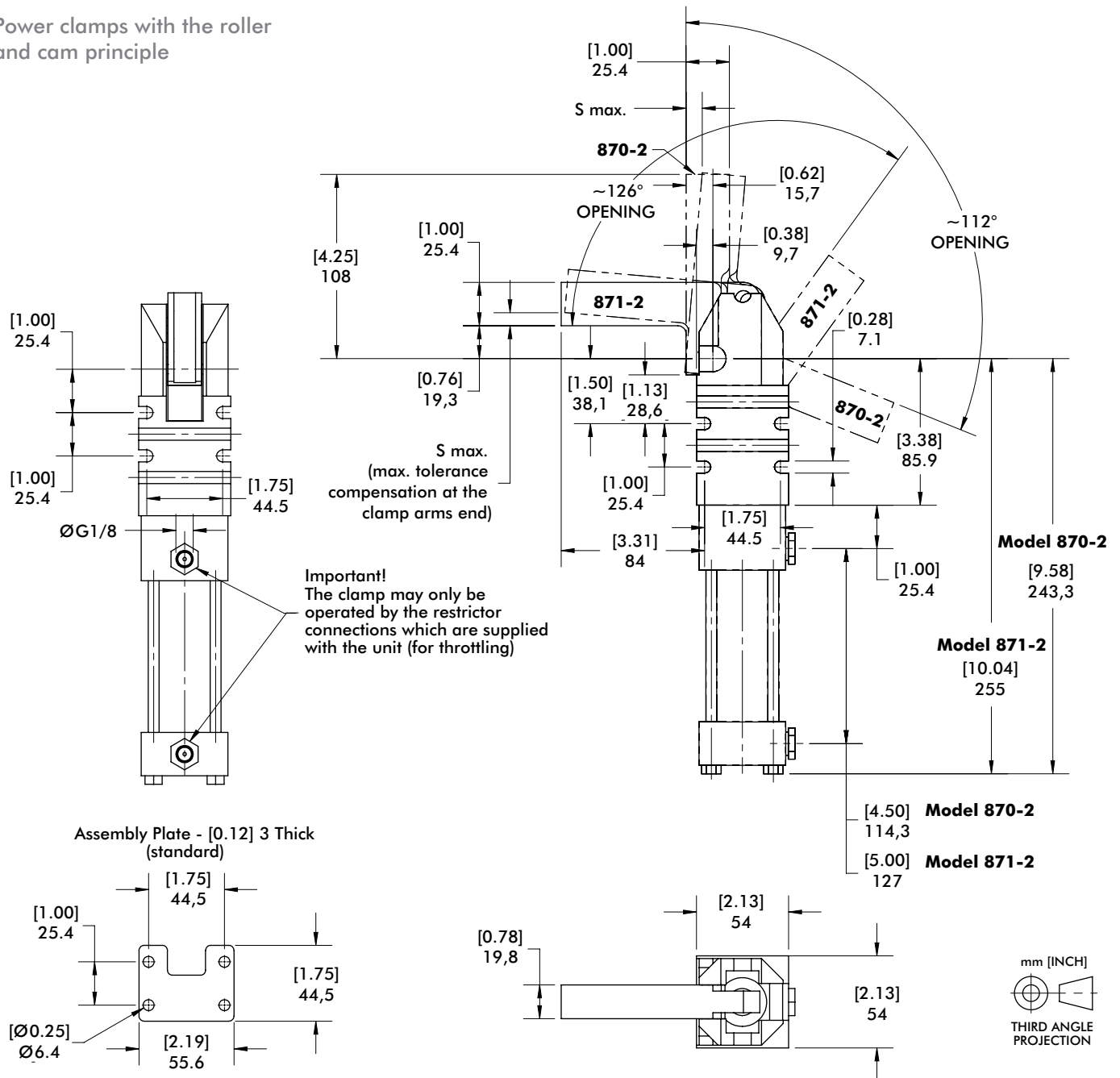
870-2

Max Holding Torque
260 Nm
Max Clamping Torque
60 Nm at 5bar

870-2, 871-2 SERIES

Pneumatic Power Clamps | Dimensions | Technical Specifications

Power clamps with the roller and cam principle



Model	Connection	S Max. Max. Tolerance Compensation at the Clamp Arms End [ft lb] Nm	Max. Operating Pressure [psi] bar	Cylinder Ø [in.] mm	Opening Angle	Weight [lbs] kg	Air Consumption per double stroke at 5 bar dm ³ [ft ³]
870-2	G 1/8	[3] 4,5	[145] 10	[1.50] 38,1	112°	[6.60] 3	0,95 [0.03]
871-2		[3] 3,5			118°		

Sensor Options	Mount Style	Connector	Length	Function	Voltage	Max. Switching Current	Voltage Drop
BIM-IKE-AP	Tie Rod	No connector cord	2m [6.6 ft.]	PNP	10-30V DC	200mA	2.3V
810151			2.7m [9ft.]	Reed	5-120V AC/DC	500mA	3.5V
810153				Reed	24-240V AC	4A	1.0V
810155				PNP	6-24V DC	500mA	1.0V
810157				NPN	6-24V DC	500mA	1.0V

860, 861, 890, 891, 1000, 1001 SERIES

Pneumatic Power Clamps | Ordering Information

860

Base Model

Description

860	2 in. Cylinder Bore Size with Vertical Clamp Arm
861	2 in. Cylinder Bore Size with Horizontal Clamp Arm
890	2.5 in. mm Cylinder Bore Size with Vertical Clamp Arm
891	2.5 in. Cylinder Bore Size with Horizontal Clamp Arm
1000	3.25 in. Cylinder Bore Size with Vertical Clamp Arm
1001	3.25 in. Cylinder Bore Size with Horizontal Clamp Arm

Sensors

Description (order separately)

BIM-IKE-AP	Magnetic Sensor, 2 pieces required
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Seal Kit

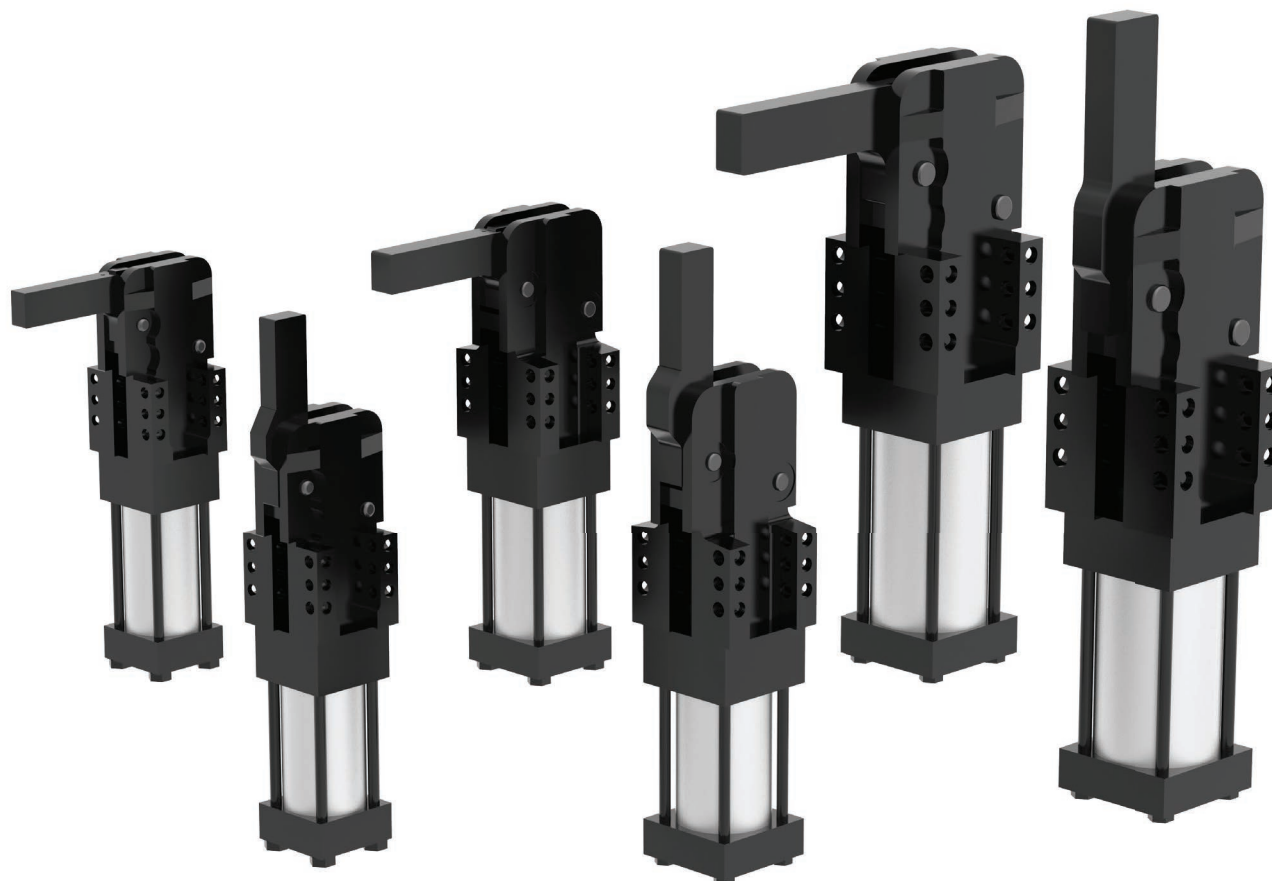
Description (order separately)

8610100	Seal Kit for Model 860, 861
8910100	Seal Kit for Model 890, 891
10010100	Seal Kit for Model 1000, 1001

Cylinder

Description (order separately)

865133-MR	Replacement Cylinder for Model 860
865132-MR	Replacement Cylinder for Model 861
895133-MR	Replacement Cylinder for Model 890
895132-MR	Replacement Cylinder for Model 891
1005134-MR	Replacement Cylinder for Model 1000
1005133-MR	Replacement Cylinder for Model 1001



861

Max Holding Torque
380 Nm
Max Clamping Torque
120 Nm at 5bar

891

Max Holding Torque
1300 Nm
Max Clamping Torque
270 Nm at 5bar

1001

Max Holding Torque
1800 Nm
Max Clamping Torque
420 Nm at 5bar

860

Max Holding Torque
380 Nm
Max Clamping Torque
120 Nm at 5bar

890

Max Holding Torque
1300 Nm
Max Clamping Torque
270 Nm at 5bar

1000

Max Holding Torque
1800 Nm
Max Clamping Torque
420 Nm at 5bar

