

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

Pneumatic Power Clamps | Ordering Information

860

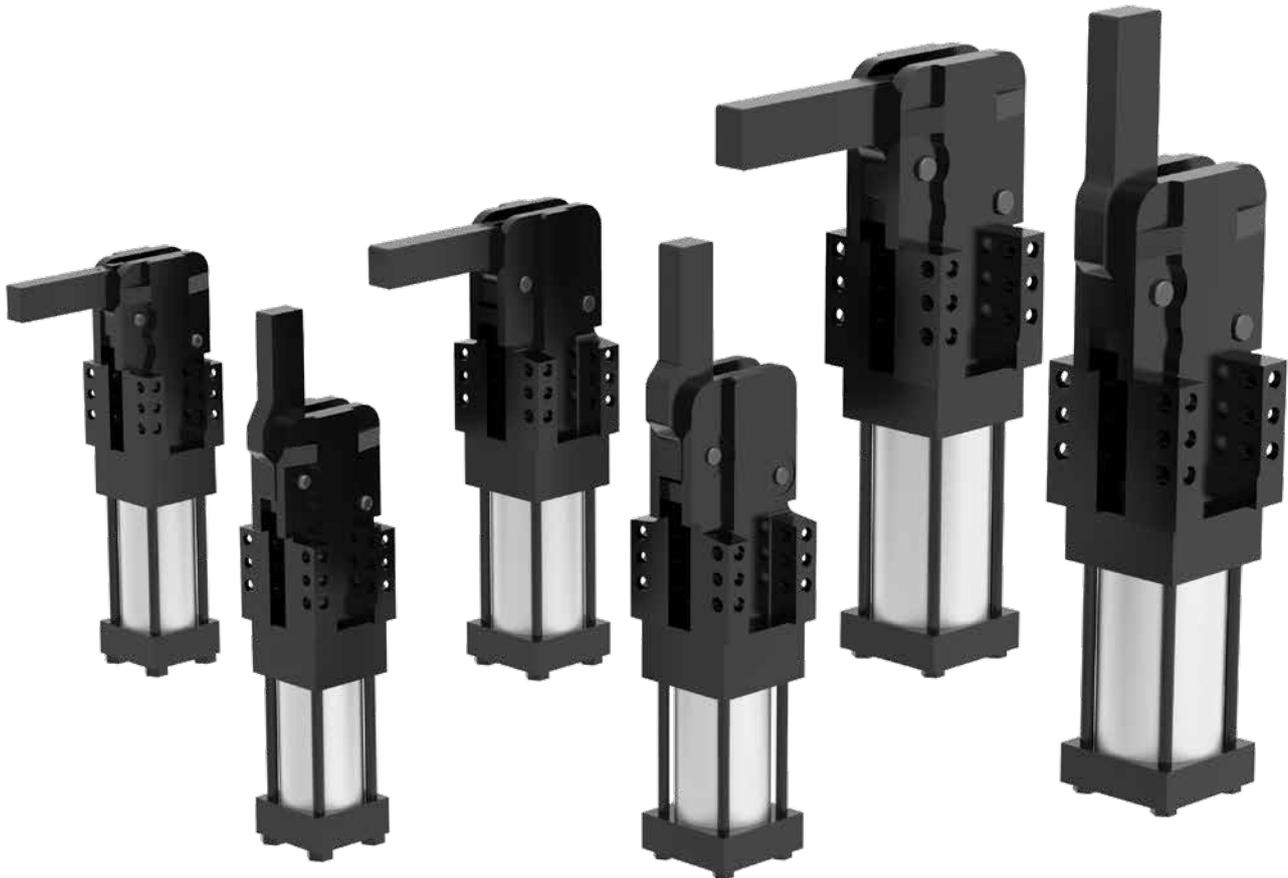
Base Model	Description
860	2 in. Cylinder Bore Size with Vertical Clamp Arm
861	2 in. Cylinder Bore Size with Horizontal Clamp Arm
890	2.5 in. mm Cylinder Bore Size with Vertical Clamp Arm
891	2.5 in. Cylinder Bore Size with Horizontal Clamp Arm
1000	3.25 in. Cylinder Bore Size with Vertical Clamp Arm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

Sensors	Description (order separately)
BIM-IKE-AP	Magnetic Sensor, 2 pieces required
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-66 for sensor specifications.

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

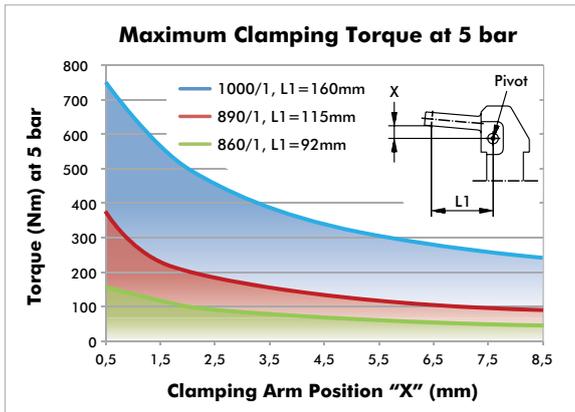
Max Holding Torque
1300 Nm
Max Clamping Torque
270 Nm at 5bar

1000

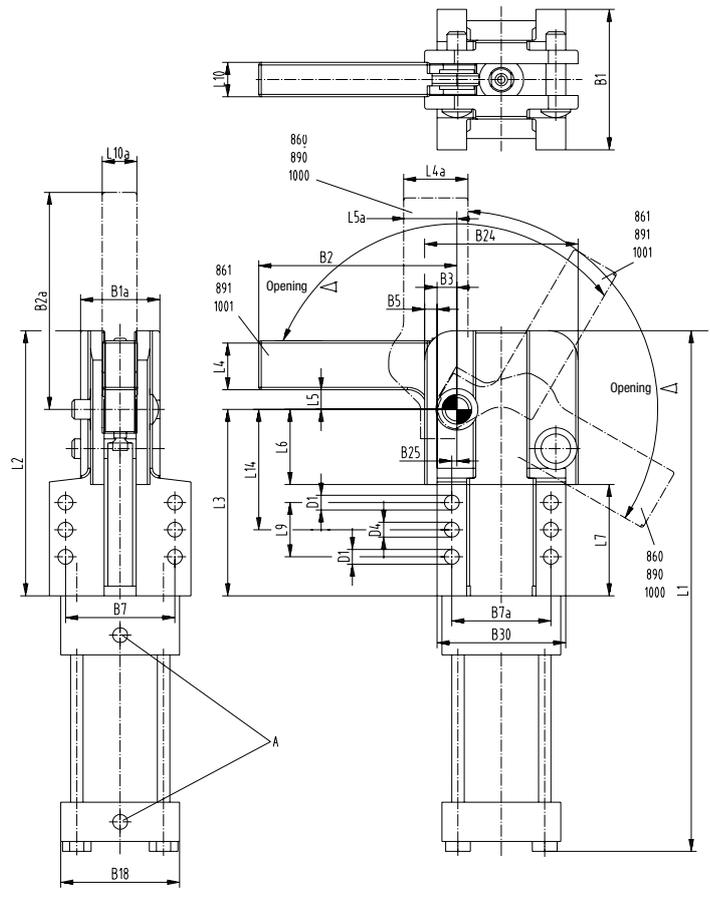
Max Holding Torque
1800 Nm
Max Clamping Torque
420 Nm at 5bar

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Pneumatic Power Clamps | Dimensions | Technical Specifications



Model	Cylinder Ø mm [in]	Opening Angle	Weight kg [lbs]
860	[2.00]	96°	[8.58]
861	50,8	119°	3,9
890	[2.50]	96°	[16.06]
891	63,5	119°	7,3
1000	[3.25]	96°	[29.70]
1001	82,5	119°	13,5



Power by compressed air, max. 6 bar
Operation with oil-free air is permissible.

Information vor machining of clamp arm: Steel 1.0726

Model	A	B1	B1A	B2	B2A	B3	B5	B7	B7A	B18	B24	B25	B30
860	G1/8	[2.94]	[1.75]	-	[5.44]	[0.41]	[0.25]	[2.31]	[2.19]	[2.5]	[3.31]	[0.09]	[2.81]
861		74,7	44,5	[4]	138,2	10,4	6,4	58,7	55,6	63,5	84,1	2,3	71,4
890	G1/8	[3.56]	[2]	-	[6.57]	[0.5]	[0.31]	[2.76]	[2.5]	[3]	[3.87]	[0.13]	[3.25]
891		90,4	50,8	5.06	166,9	12,7	7,9	70,1	63,5	76,2	98,3	3,3	82,6
1000	G1/8	[4.5]	[2.62]	-	[9]	[0.63]	[0.44]	[3.5]	[3.5]	[3.75]	[5.38]	[0.13]	[4.5]
1001		114,3	66,5	7	228,6	16	11,2	88,9	88,9	95,3	136,7	3,3	114,3

Model	ØD1	ØD4	L1	L2	L3	L4	L4A	L5	L5a	L6	L7	L9	L10	L10a	L14
860	[0.34]	[0.31]	[12.44]	[5.75]	[4.06]	-	[1.12]	--	[0.69]	[1.44]	[2.5]	[1.25]	[0.62]	[0.62]	[2.5]
861	8,6	7,9	316	146,1	103,1	[1.13]	-	[0.4]	--	36,6	63,5	31,8	15,7	15,7	63,5
890	[0.41]	[0.38]	[13.37]	[6.75]	[4.75]	-	[1.25]	-	[0.84]	[1.75]	[2.65]	[1.38]	[0.81]	[0.81]	[3.06]
891	10,4	9,7	339,6	171,5	120,7	[1.25]	-	[0.5]	--	44,5	67,3	35,1	20,6	20,6	77,7
1000	[0.53]	[0.5]	[17.51]	[9.25]	[6.25]	-	[1.75]	-	[1.37]	[2.25]	[3.96]	[2]	[1]	[1]	[3.75]
1001	13,5	12,7	444,8	235	158,8	[1.75]	-	[0.88]	--	57,2	100,6	50,8	25,4	25,4	95,3