

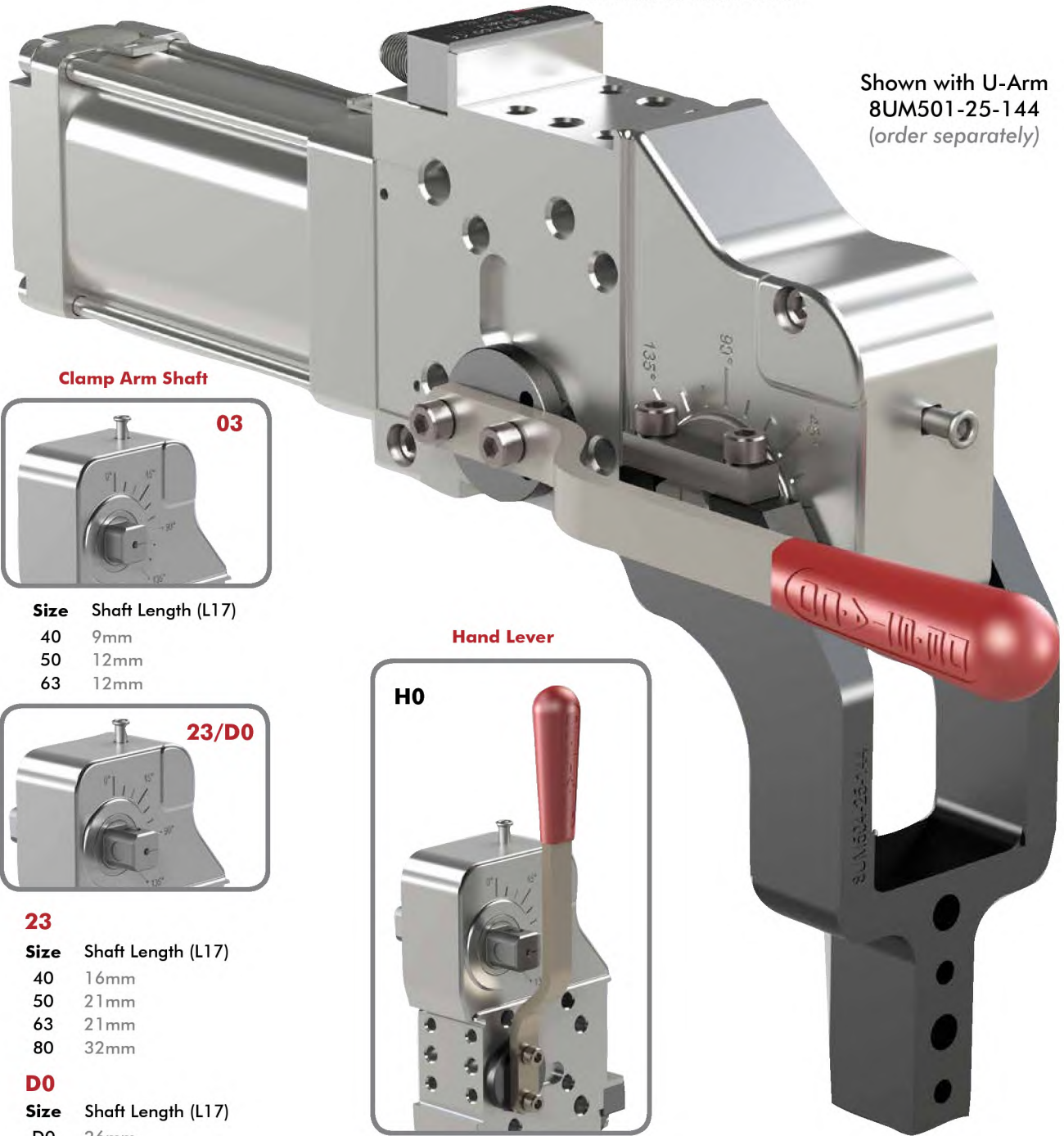
# 82M-3E SERIES

## Pneumatic Power Clamps | Ordering Information

**82M-3** **E** **23** **H0** **50** **L8**

Base Model	Mounting	Description	Clamp Arm Shaft	Description	Handle	Description
	<b>E</b>	Standard	<b>03</b>	for U-Arms	<b>00</b>	No Hand lever
	<b>N</b>	NAAMS (Size 63 only)	<b>23</b>	for Lateral Arms	<b>H0</b>	Hand Lever
			<b>D0</b>	for Lateral Arms (size 63 only)		

See below for further details



### Clamp Arm Shaft



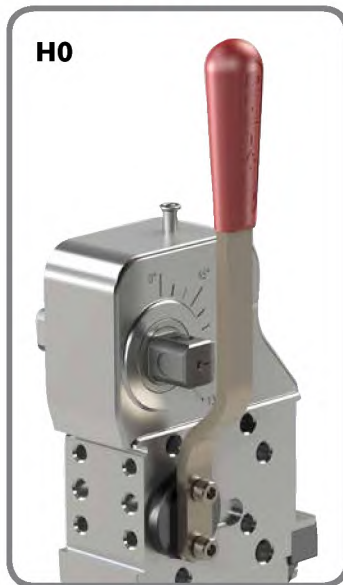
Size	Shaft Length (L17)
40	9mm
50	12mm
63	12mm



Size	Shaft Length (L17)
40	16mm
50	21mm
63	21mm
80	32mm

Size	Shaft Length (L17)
<b>D0</b>	26mm

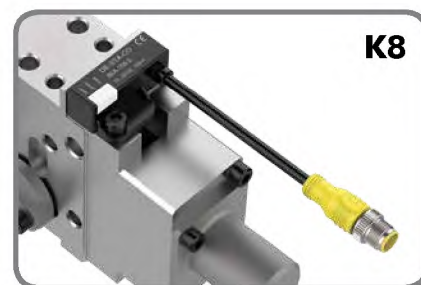
### Hand Lever



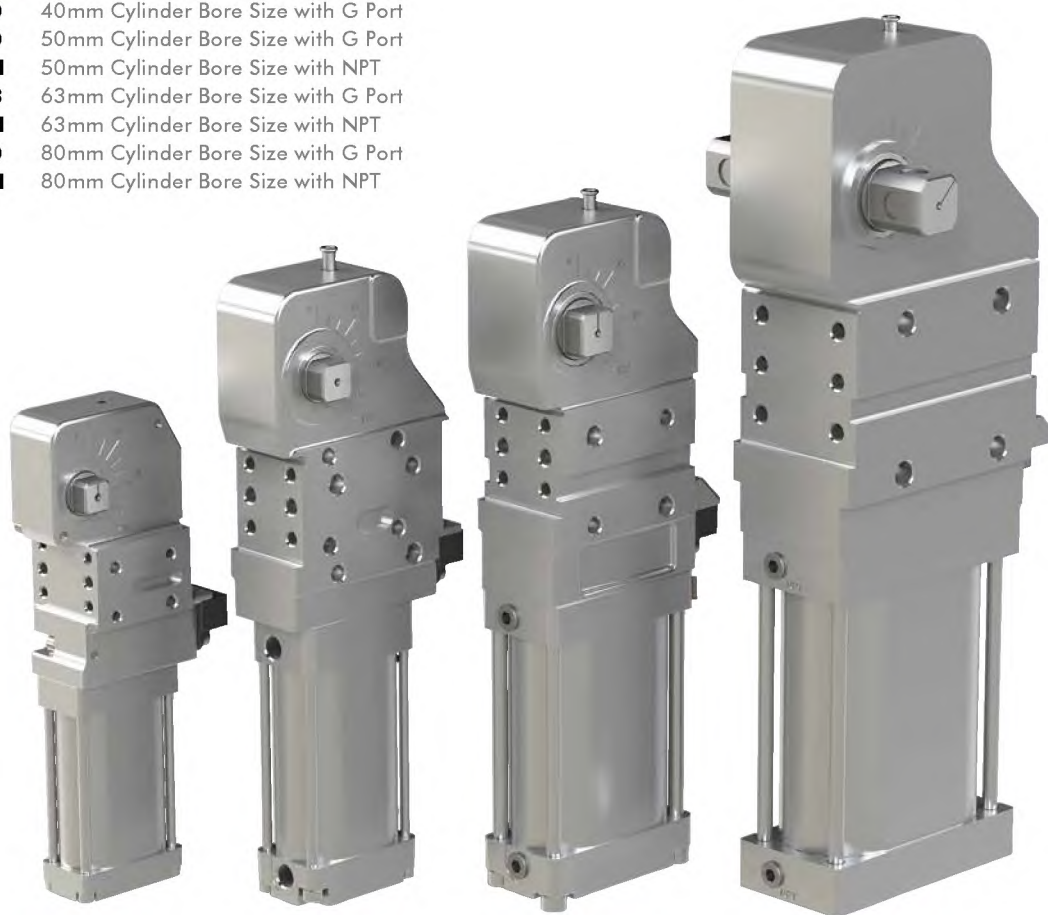
# 82M-3E SERIES

## Pneumatic Power Clamps | Ordering Information

Sensor	Description
<b>00</b>	No sensor
<b>L8</b>	Sensor with In-line Connector (Replacement Order No.: 8EA-146-4)
<b>L9</b>	Sensor with 90 deg Connection (Replacement Order No.: 8EA-147-4)
<b>K8</b>	Sensor with Cable Connection (Replacement Order No.: 8EA-158-4)



Size	Description
<b>40</b>	40mm Cylinder Bore Size with G Port
<b>50</b>	50mm Cylinder Bore Size with G Port
<b>5N</b>	50mm Cylinder Bore Size with NPT
<b>63</b>	63mm Cylinder Bore Size with G Port
<b>6N</b>	63mm Cylinder Bore Size with NPT
<b>80</b>	80mm Cylinder Bore Size with G Port
<b>8N</b>	80mm Cylinder Bore Size with NPT



**40**

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

**50**

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

**63**

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

**80**

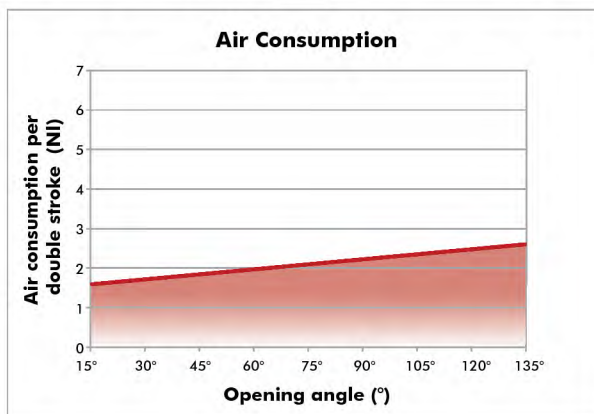
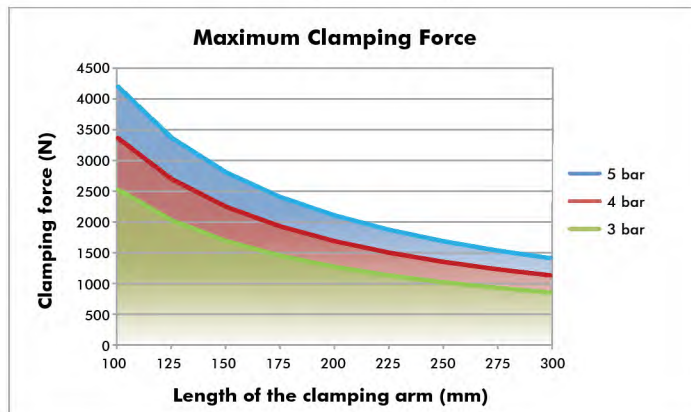
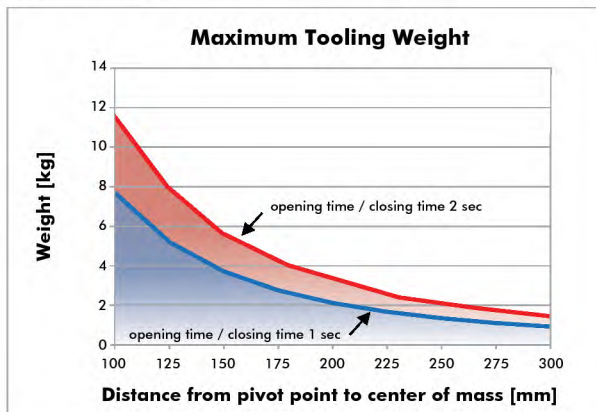
Max Holding Torque  
3000 Nm  
Max Clamping Torque  
850 Nm at 5bar



# 82M-3.....6. SERIES

## Pneumatic Power Clamps | Technical Specifications

Model	Connection (C)	Max. Holding Torque (Nm)	Clamping Torque at 5 bar (Nm)	Cylinder Ø (mm)	Weight (kg)	Air Consumption per double stroke at 5 bar (liter)
82M-3E....63..	G 1/4	1800	420	63	3,8	2,6
82M-3N....63..						
82M-3E....6N..	1/4-18 NPT	1800	420	63	3,8	2,6
82M-3N....6N..						



**ATTENTION:**  
Calculation tool available. Please consult factory.

### Center of Mass

Model	Weight (kg)
82M-3E030063L.	3,8
82M-3E03H063L.	4,2

