

ONE WORLD. ONE CLAMP. YOUR WAY.
The Most Flexible and Complete Family of Clamps



82M-3E Series Enclosed Power Clamp



THE BEST PRODUCTS. UNMATCHED SERVICE. WORLDWIDE.

With a support network spanning the globe, DE-STA-CO offers consistent, comprehensive service to any location in the world. Whether your operations are localized or span multiple continents, you will always have access to the highest levels of customer service and technical support.

Since our founding in 1915, DE-STA-CO continues to provide innovative workholding and automation-product solutions. We are honored to work alongside our global-customer base to achieve our key mission, which encompasses:

- Providing world-class service and operational excellence
- Increasing customer productivity through customized solutions
- Developing products to meet unique application needs
- Consistency in our on-time delivery promise
- Ensuring top value throughout our product catalog

DE-STA-CO provides productivity solutions to a diverse range of market segments

- Aerospace
- Automotive/transportation
- Consumer products
- Food and packaging
- Plastic injection molding
- Medical
- Defense



Providing the world with trusted clamping solutions for over 25 years.

Our power clamps are designed to meet the requirements of automotive and sheet metal processing segments, while lasting millions of cycles. DE-STA-CO's expertise in clamping has connected solutions to an array of industries including:

- Automotive
- Aerospace
- Appliance manufacturing
- Transportation

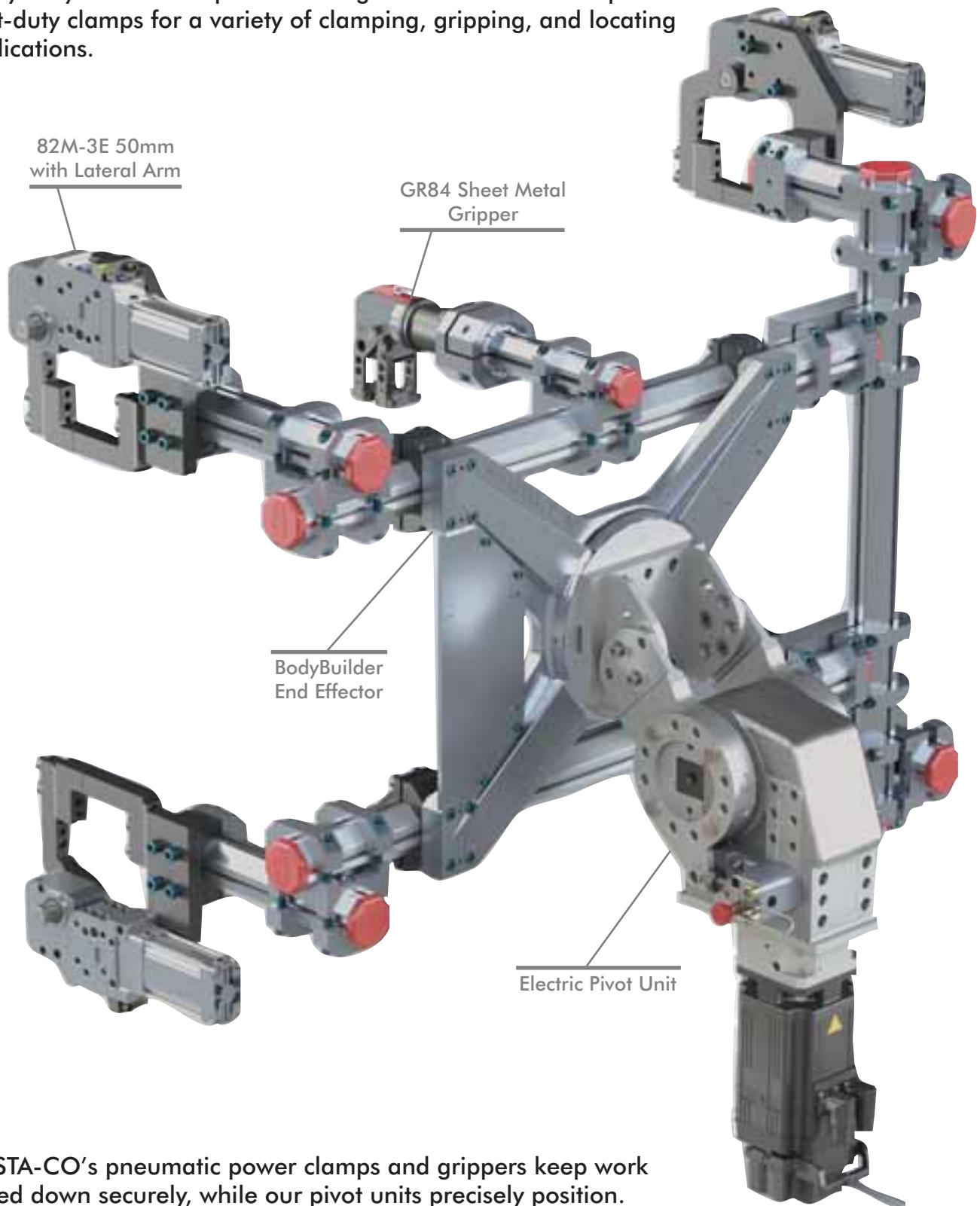
When it comes to holding and positioning work perfectly in place, look no further than DE-STA-CO's complete line of 82M-3E's to get the job done. A few of the applications this series is best suited for include:

- Weld assembly and bodyshop
- Automated and fixture welding
- Positioning and locating



Material Handling Clamping Solutions

DE-STA-CO's pneumatic power clamps and grippers range from heavy-duty sealed clamps for welding environments to compact light-duty clamps for a variety of clamping, gripping, and locating applications.



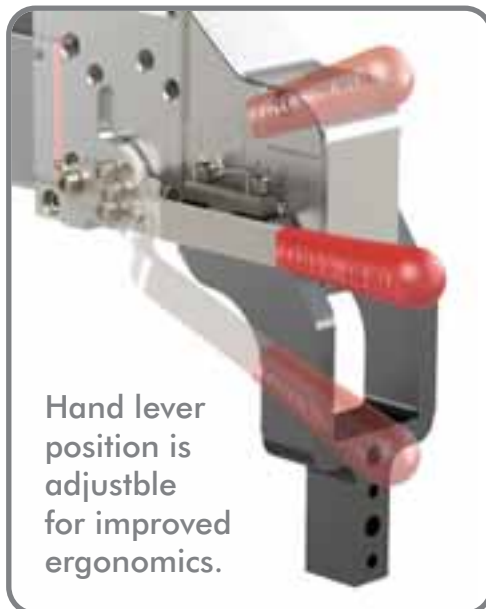
DE-STA-CO's pneumatic power clamps and grippers keep work locked down securely, while our pivot units precisely position.

Series 82M-3E Features & Benefits

DE-STA-CO's 82M-3E Series pneumatic power clamps are built to withstand the harshest of manufacturing environments and deliver superior clamping power.



- Easily adjustable in the field
- Infinite arm opening adjustments
- Enclosed aluminum body
- Multiple mounting surfaces provide greater flexibility
- Conform to NAAMS and Euro mounting standards
- Four clamp sizes available: 40mm, 50mm, 63mm, 80mm
- Manual unlocking in case of air pressure loss



Easily adjust arm opening angle with an M5 Allen wrench.

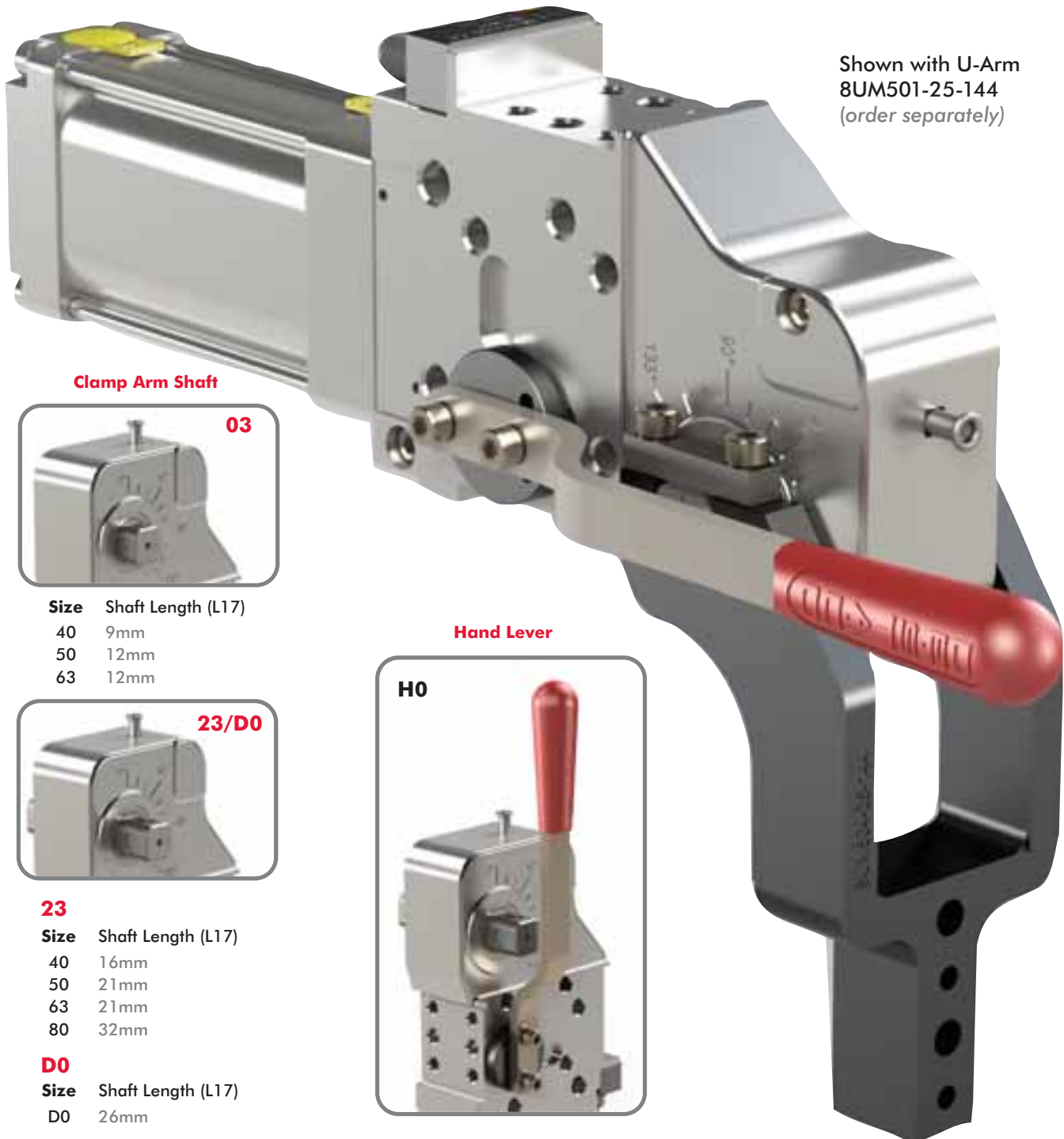
- 1 Move clamp arm to full open position.
- 2 Using Allen wrench, release mechanism (leave Allen wrench in place).
- 3 Move clamp arm to desired opening.
- 4 Tighten to 20 Nm.

Series 82M-3E Ordering Information

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

See below for further details

For North America only



Clamp Arm Shaft



03

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



23/D0

23

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

D0

Size	Shaft Length (L17)
D0	26mm

Hand Lever

H0

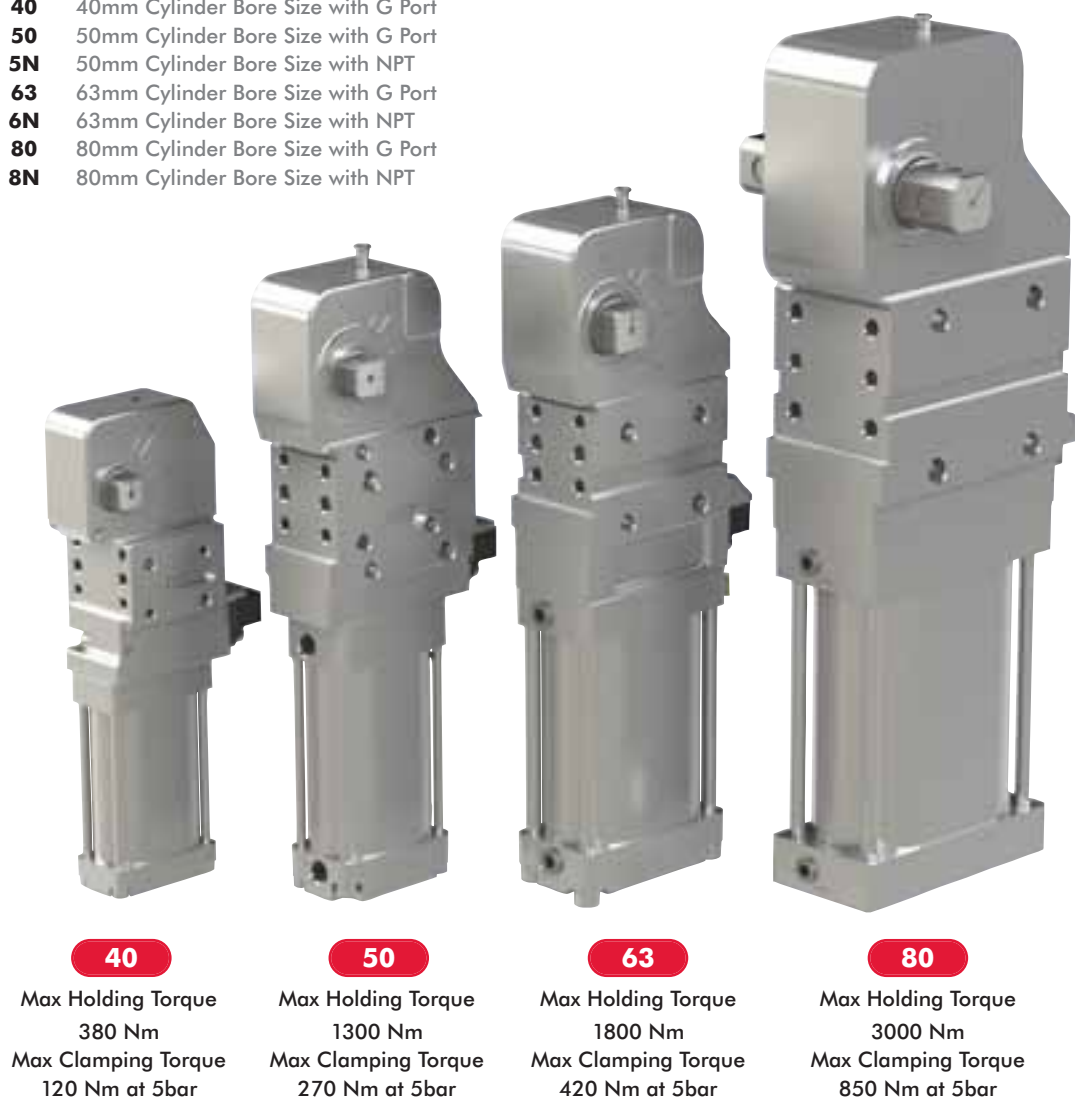


Series 82M-3E Ordering Information

Sensor	Description
00	No sensor
L8	Sensor with In-line Connector (Replacement Order No.: 8EA-146-1)
L9	Sensor with 90 deg Connection (Replacement Order No.: 8EA-147-1)

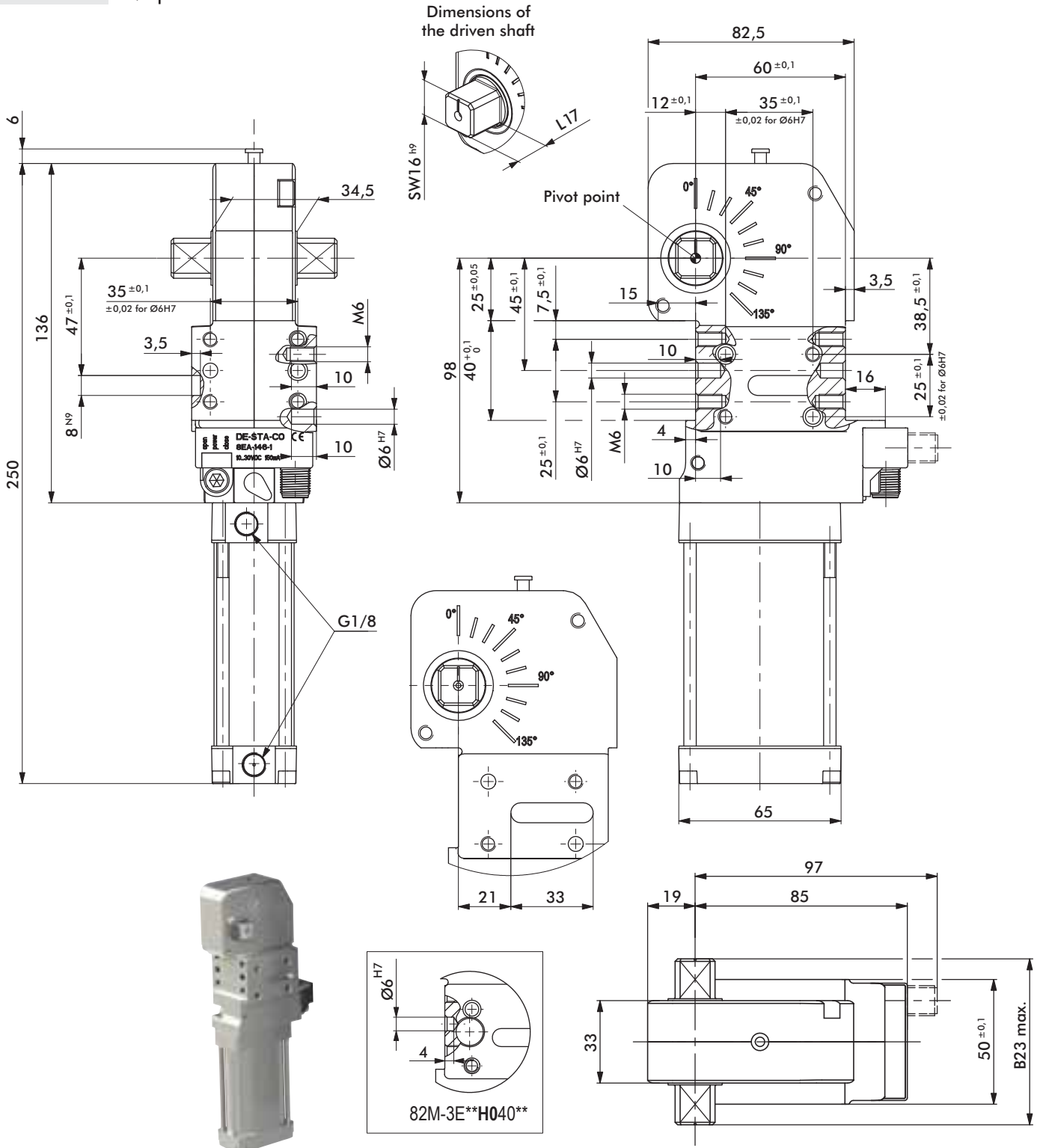


Size	Description
40	40mm Cylinder Bore Size with G Port
50	50mm Cylinder Bore Size with G Port
5N	50mm Cylinder Bore Size with NPT
63	63mm Cylinder Bore Size with G Port
6N	63mm Cylinder Bore Size with NPT
80	80mm Cylinder Bore Size with G Port
8N	80mm Cylinder Bore Size with NPT



Series 82M-3E****40 Standard Clamp Dimensions

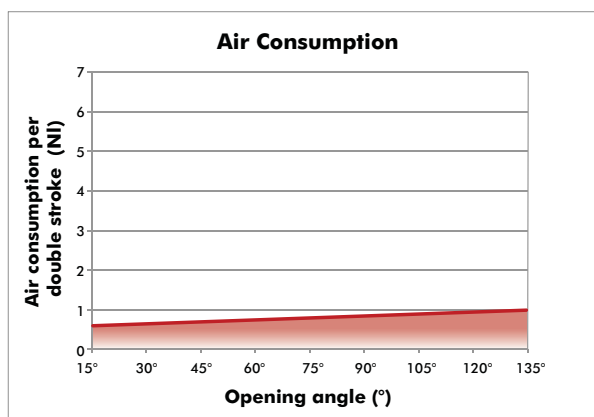
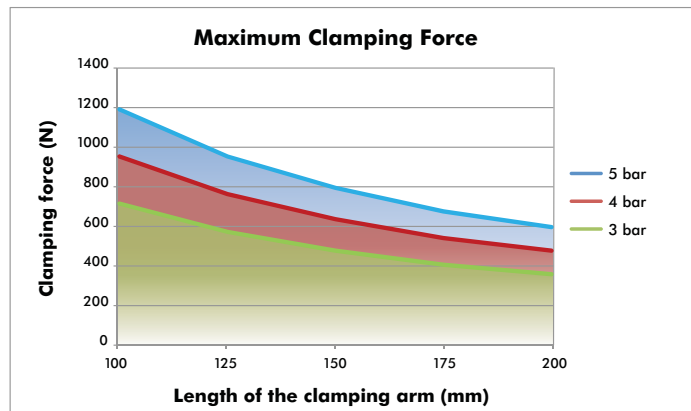
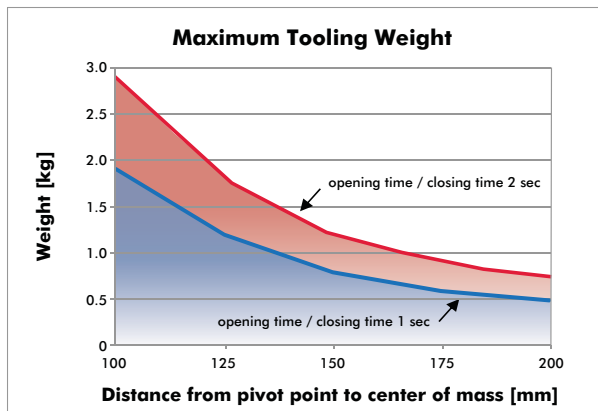
Model	B23 Max.	L17
82M-3E03**40**	54,5	9
82M-3E23**40**	66,5	16



Power by compressed air, max. 6 bar operation with oil-free air is permissible.
The connector socket and the cable are not supplied with the unit.

Series 82M-3E****40 Specifications

Model	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****40**	380	120	40	1,5	0,9

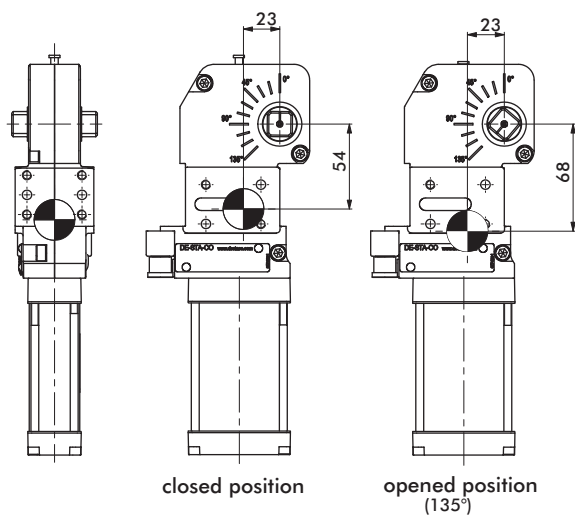


ATTENTION:
Calculation tool available.
Please consult factory.

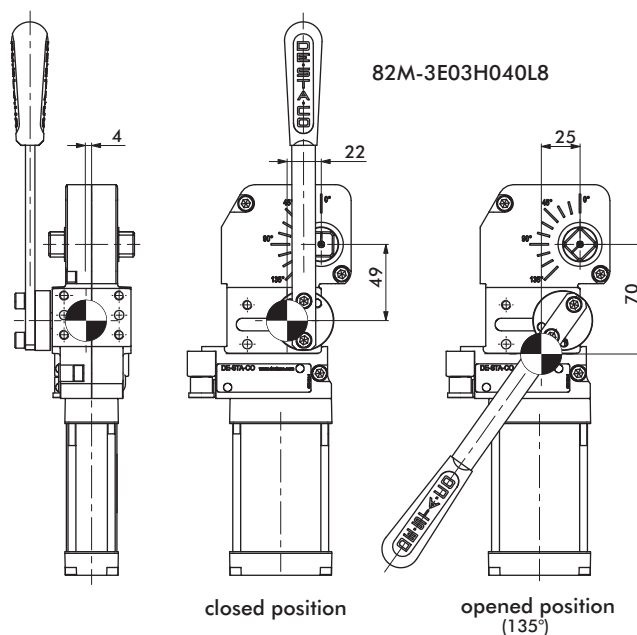
Series 82M-3E****40 Center of Mass

Model	Weight
82M-3E030040L*	1,5
82M-3E03H040L*	1,6

82M-3E030040L8

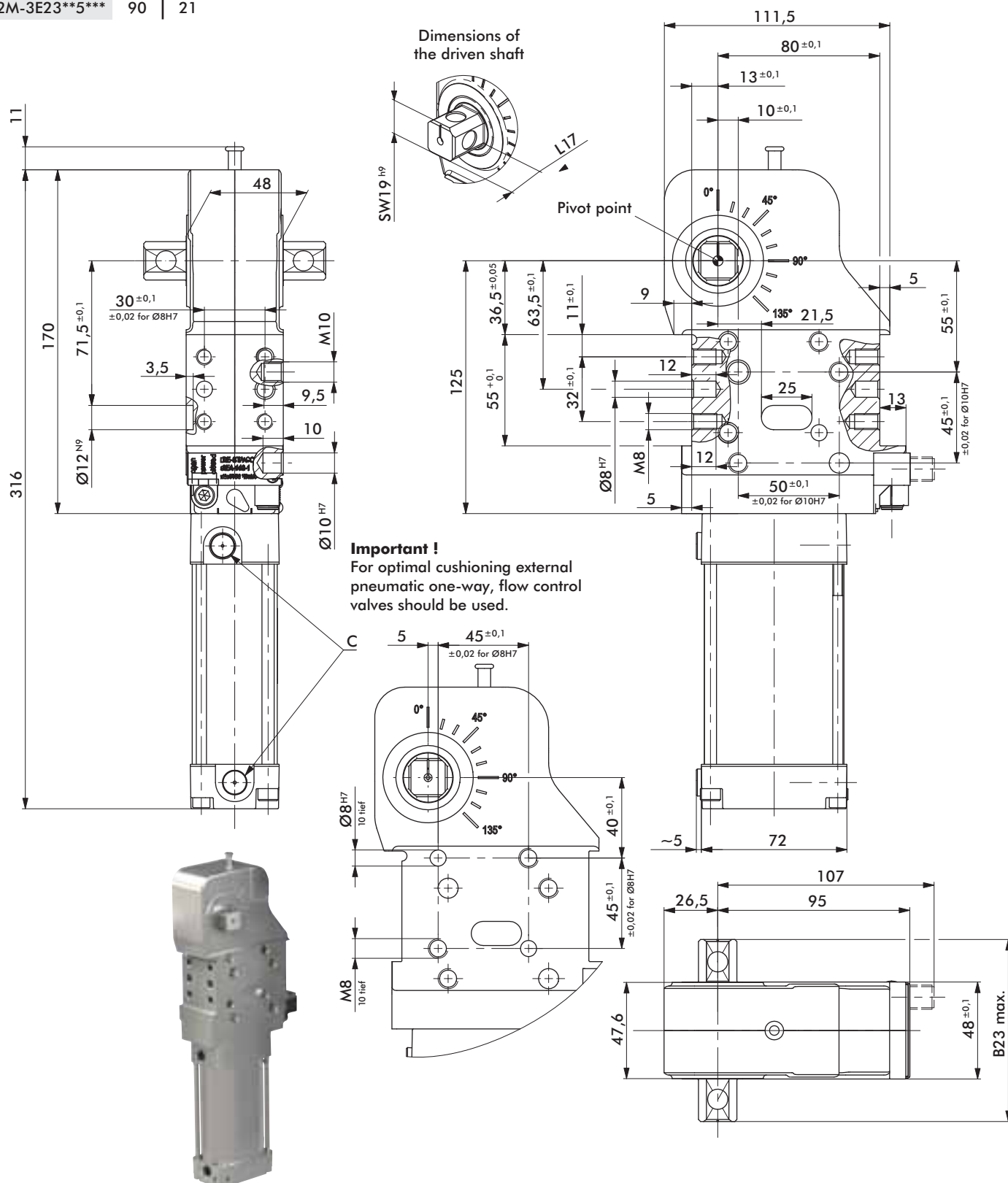


82M-3E03H040L8



Series 82M-3E****5* Standard Clamp Dimensions

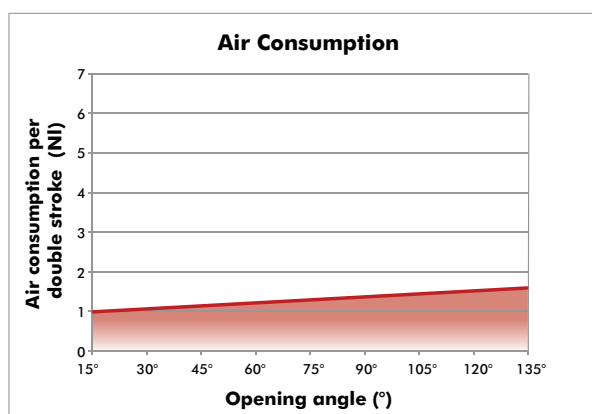
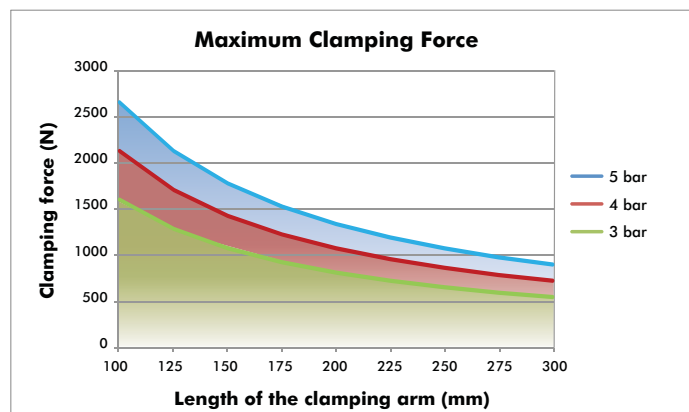
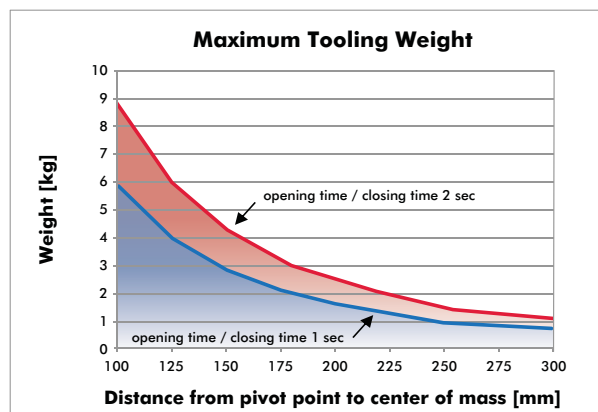
Model	B23 Max.	L17
82M-3E03**5***	72	12
82M-3E23**5***	90	21



Power by compressed air, max. 6 bar operation with oil-free air is permissible.
The connector socket and the cable are not supplied with the unit.

Series 82M-3E****5* Specifications

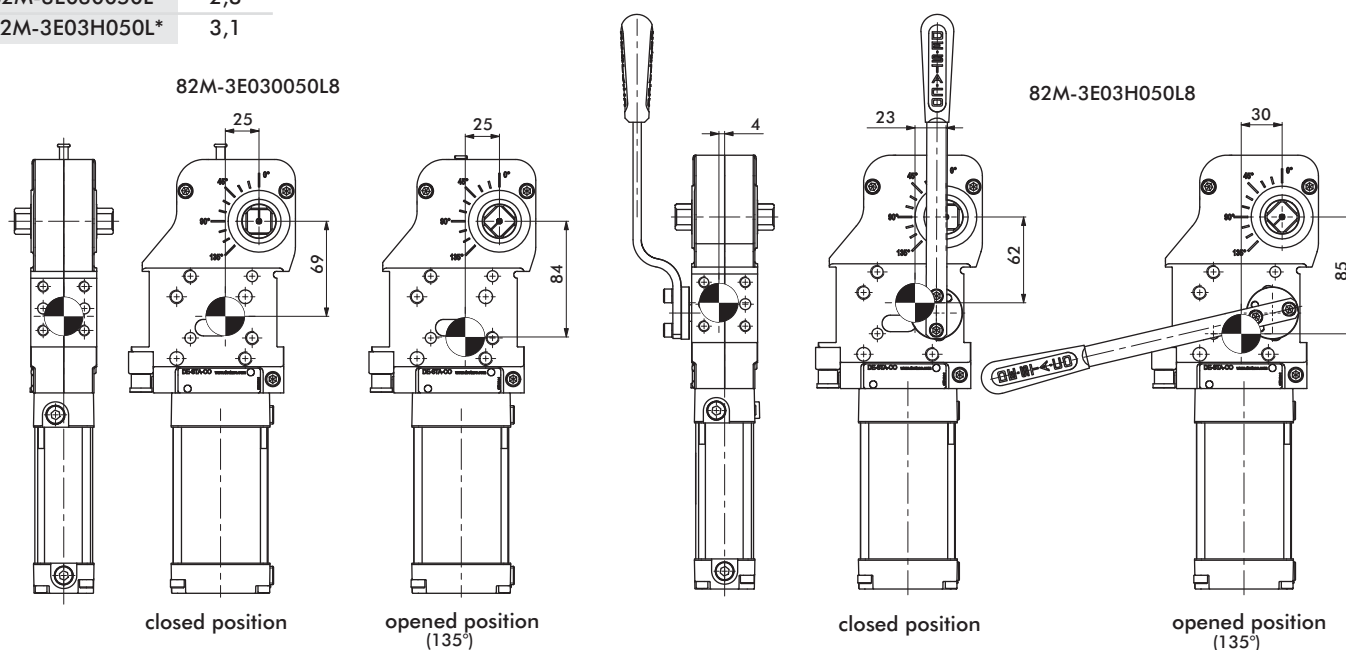
Model	Connection (C)	Max. Holding Torque (Nm)	Clamping Torque at 5 bar (Nm)	Cylinder Ø (mm)	Weight (kg)	Air Consumption per double stroke at 5 bar (liter)
82M-3E****50**	G 1/4	1300	270	50	2,8	1,6
82M-3E****5N**	1/4-18 NPT					



ATTENTION:
Calculation tool available.
Please consult factory.

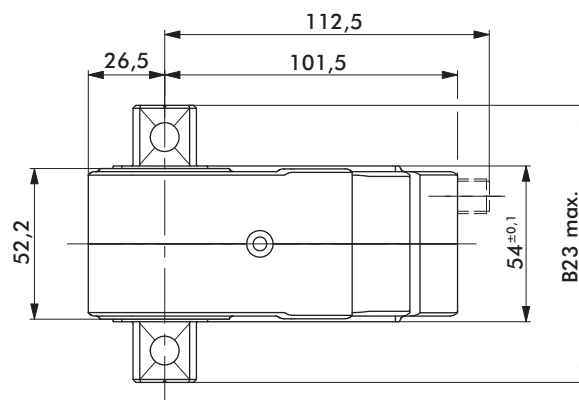
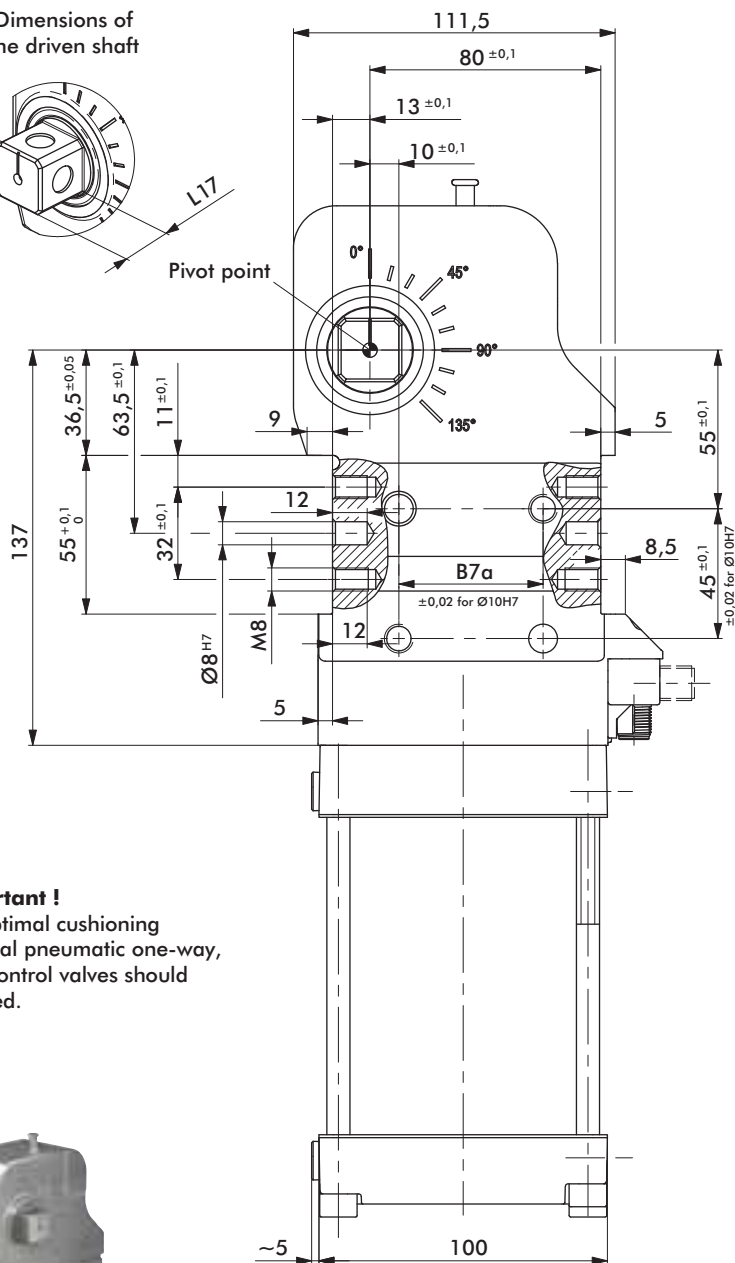
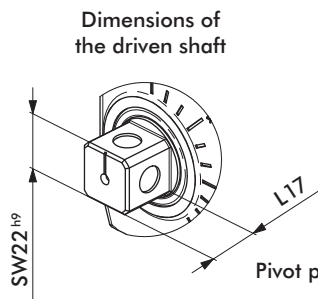
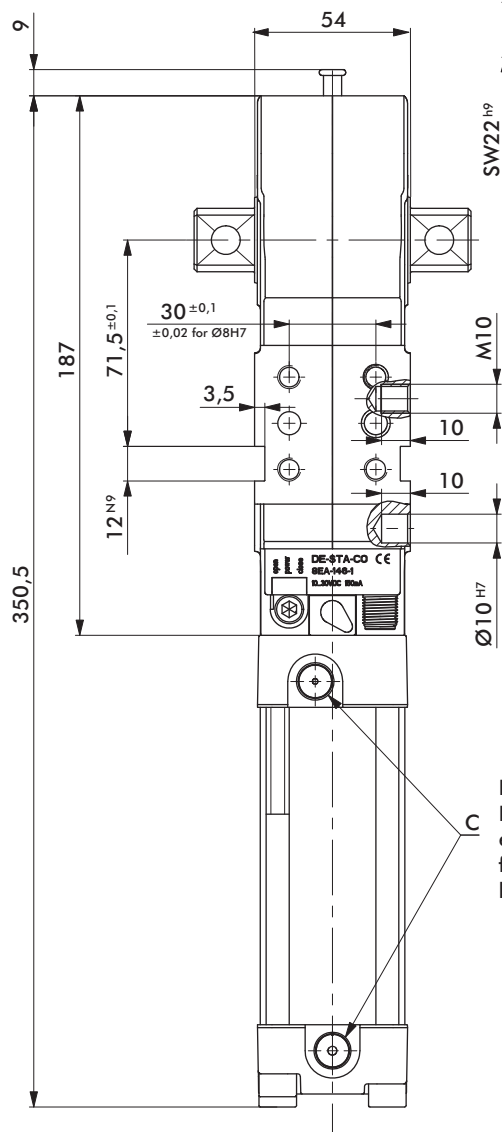
Model	Weight
82M-3E030050L*	2,8
82M-3E03H050L*	3,1

Series 82M-3E****5* Center of Mass



Series 82M-3*****6* Standard Clamp Dimensions

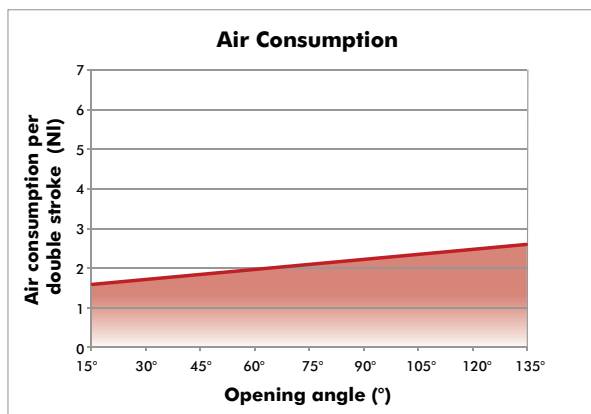
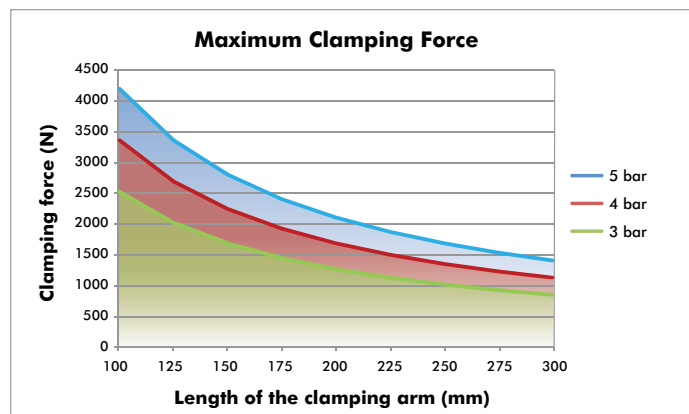
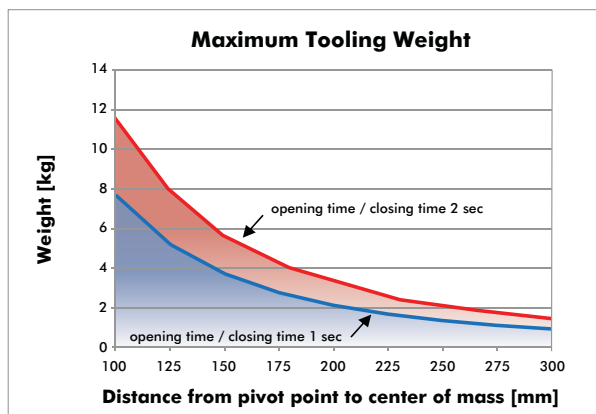
Model	B7a ±0,1	B23 Max.	L17
82M-3E03**6***	50	78	12
82M-3N03**6***	55		
82M-3E23**6***	50	96	21
82M-3N23**6***	55		
82M-3ND0**6***	55	106	26



Power by compressed air, max. 6 bar operation with oil-free air is permissible.
The connector socket and the cable are not supplied with the unit.

Series 82M-3*****6* Specifications

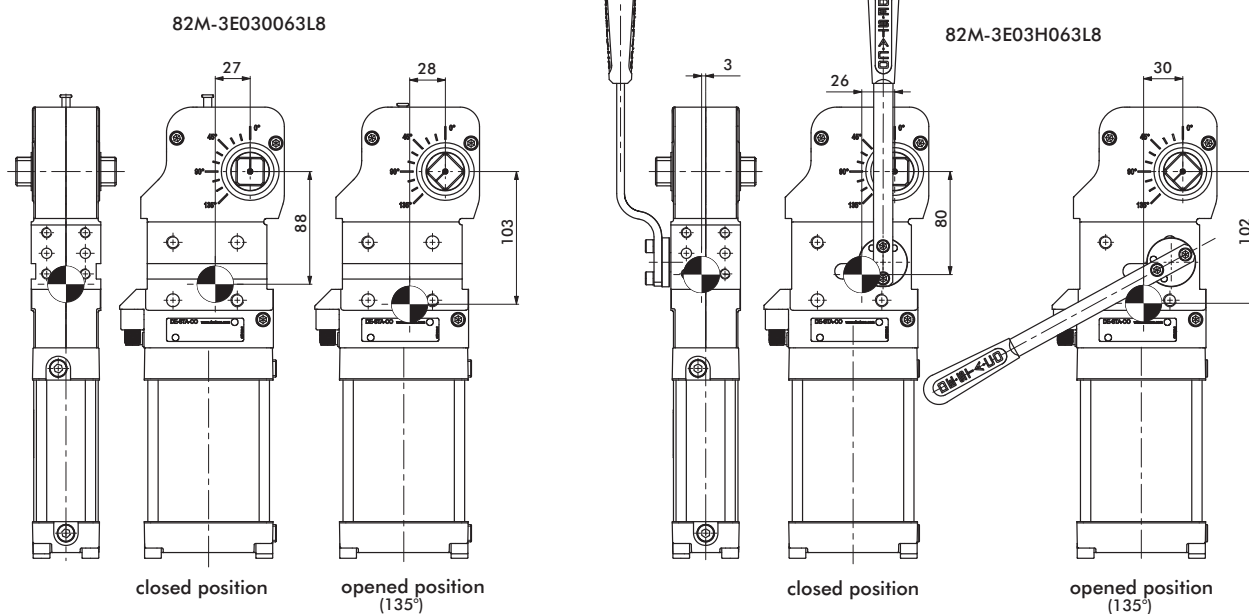
Model	Connection (C)	Max. Holding Torque (Nm)	Clamping Torque at 5 bar (Nm)	Cylinder Ø (mm)	Weight (kg)	Air Consumption per double stroke at 5 bar (liter)
82M-3E****63**	G 1/4	1800	420	63	3,8	2,6
82M-3N****63**						
82M-3E****6N**	1/4-18 NPT					
82M-3N****6N**						



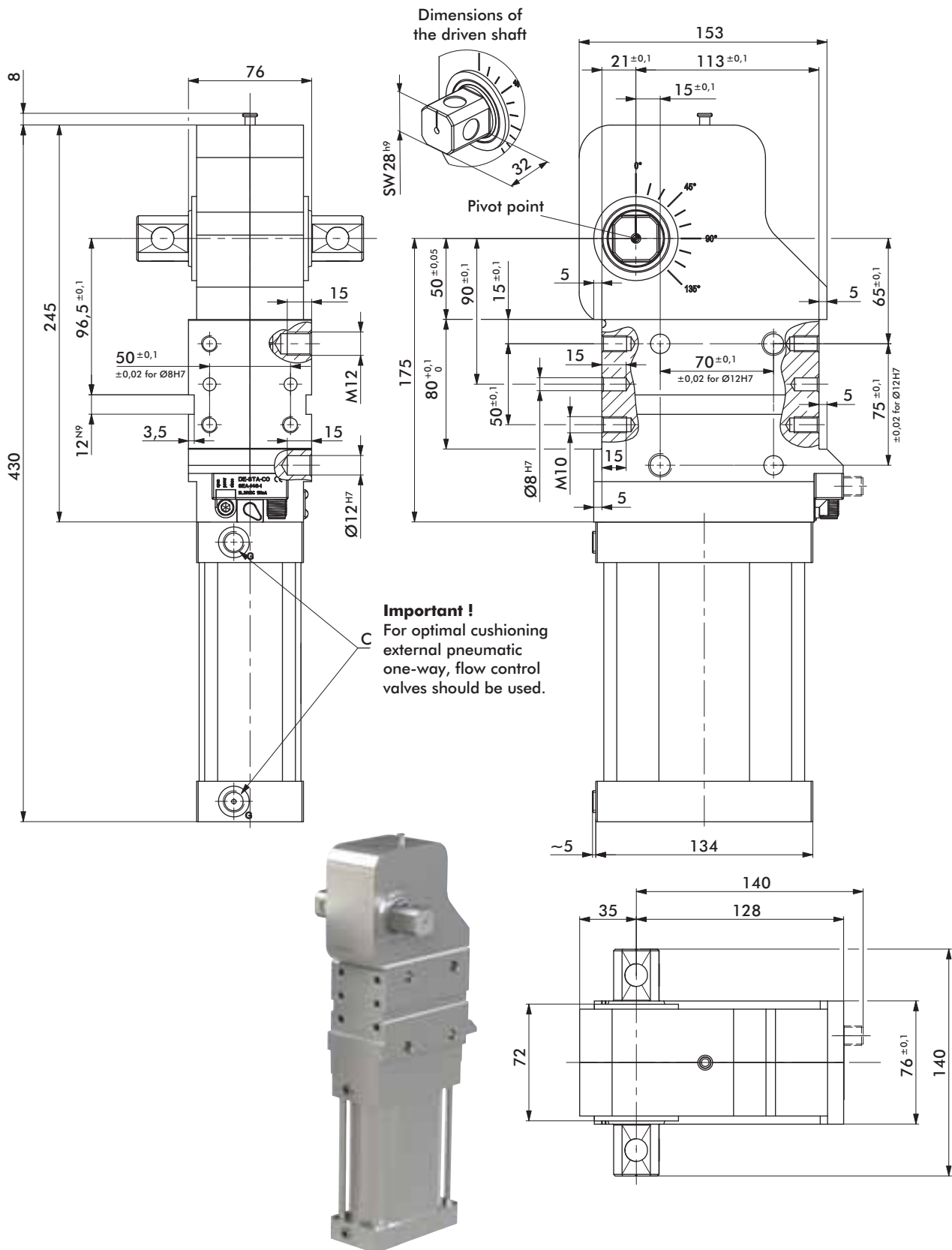
ATTENTION:
Calculation tool available.
Please consult factory.

Model	Weight
82M-3E030063L*	3,8
82M-3E03H063L*	4,2

Series 82M-3*****6* Center of Mass



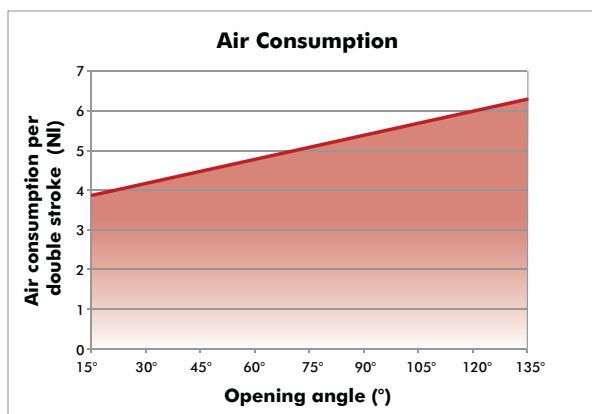
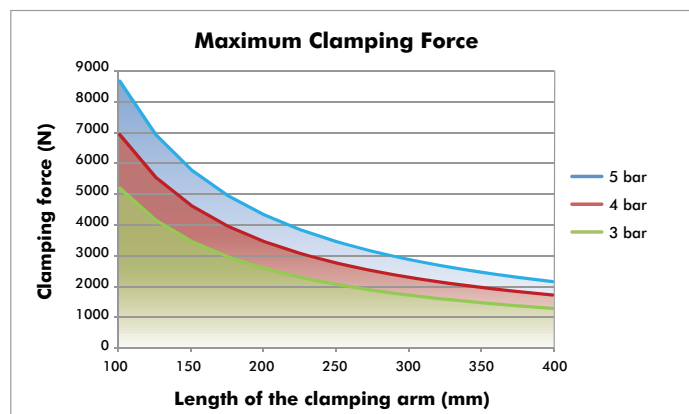
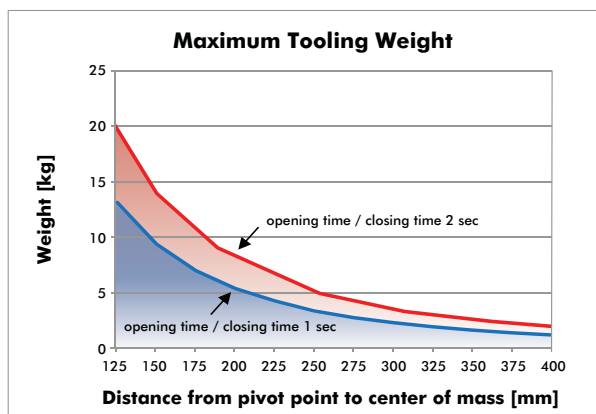
Series 82M-3E****8* Standard Clamp Dimensions



Power by compressed air, max. 6 bar operation with oil-free air is permissible.
The connector socket and the cable are not supplied with the unit.

Series 82M-3E****8* Specifications

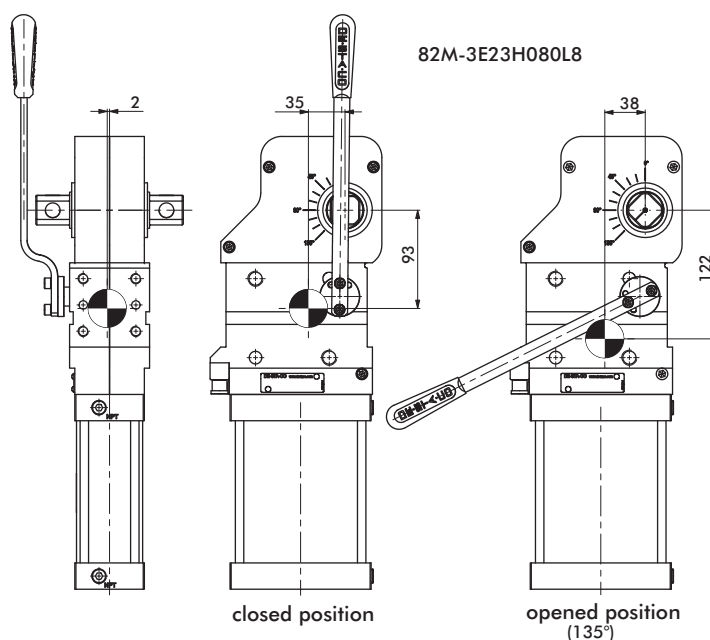
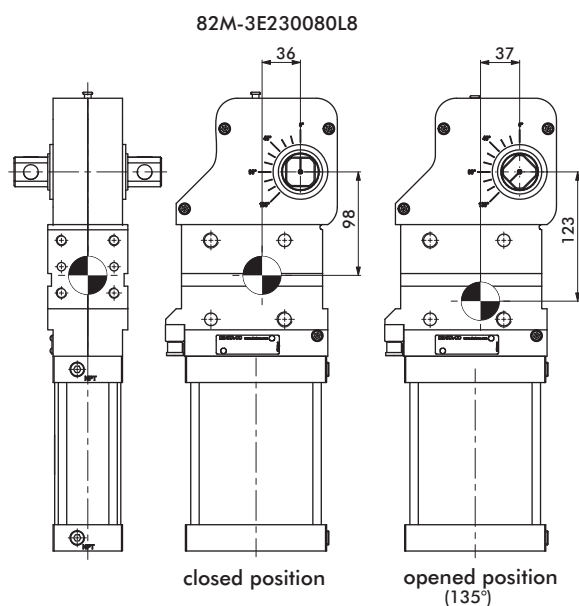
Model	Connection (C)	Max. Holding Torque (Nm)	Clamping Torque at 5 bar (Nm)	Cylinder Ø (mm)	Weight (kg)	Air Consumption per double stroke at 5 bar (liter)
82M-3E****80**	G 1/4	3000	850	80	8,7	6,3
82M-3E****8N**	1/4-18 NPT					



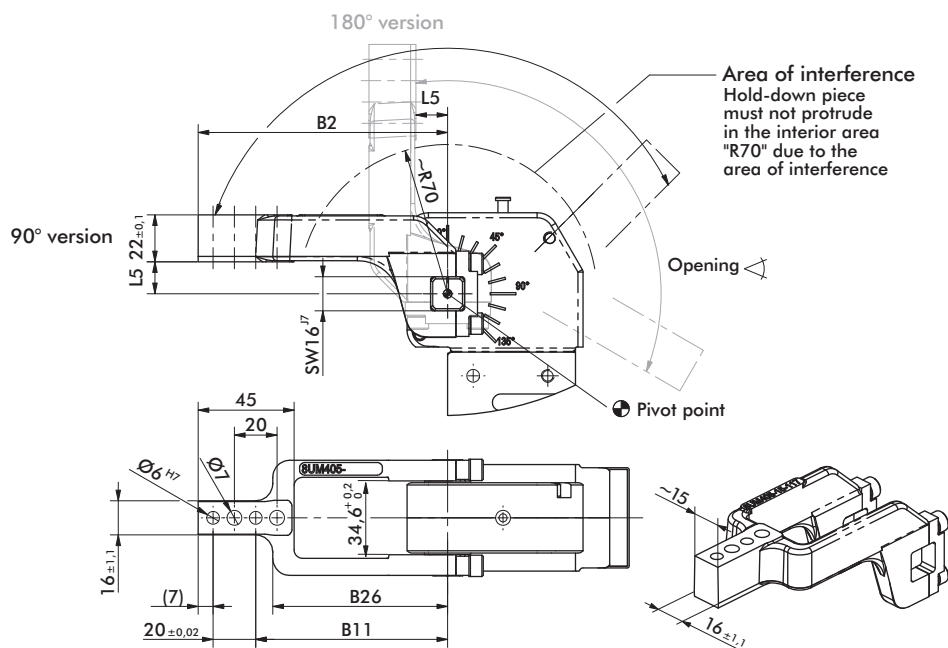
ATTENTION:
Calculation tool available.
Please consult factory.

Model	Weight
82M-3E230080L*	8,7
82M-3E23H080L*	9,2

Series 82M-3E****8* Center of Mass



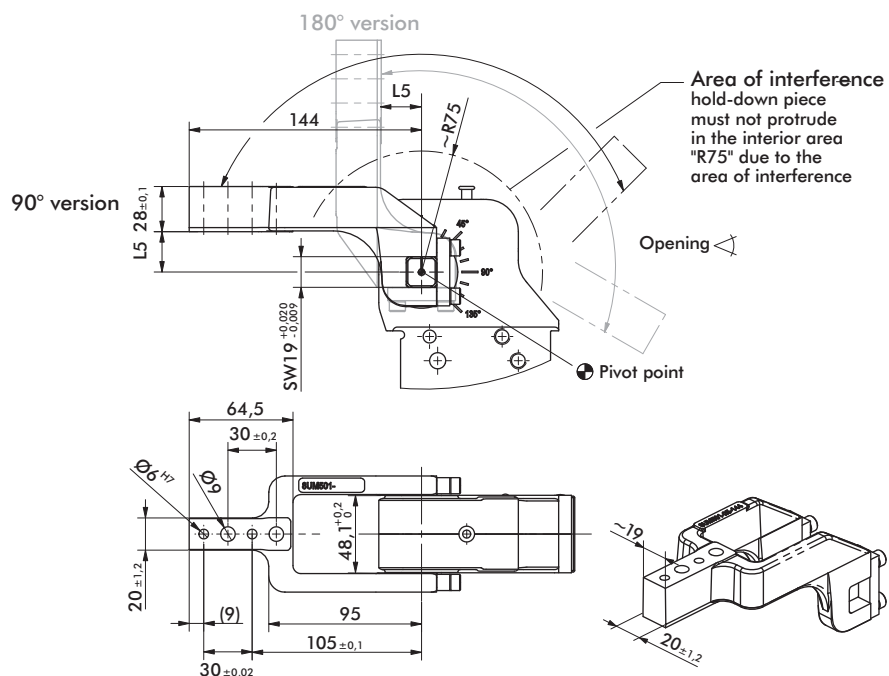
Series 82M-3E****40** U-Arms Center (Steel)



8UM405-00-117
8UM405-15-117
8UM405-25-117
8UM405-45-107

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	B2	B11 ±0,1	B26	L5
8UM405-00-117	135°	105°	0,45				0
8UM405-15-117		120°	0,48	117	90	82	15
8UM405-25-117		135°	0,53				25
8UM405-45-107				107	80	72	45

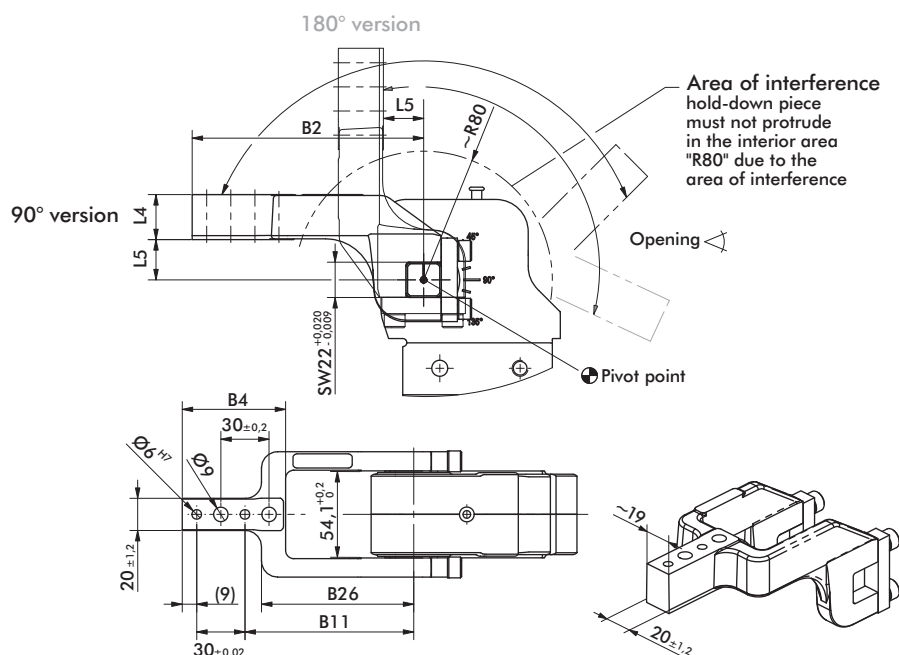
Series 82M-3E****5*** U-Arms Center (Steel)



8UM501-15-144
8UM501-25-144
8UM501-45-144

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	L5
8UM501-15-144	135°	105°		15
8UM501-25-144		120°	1,1	25
8UM501-45-144		135°		45

Series 82M-3*****6*** U-Arms Center (Steel)



90°



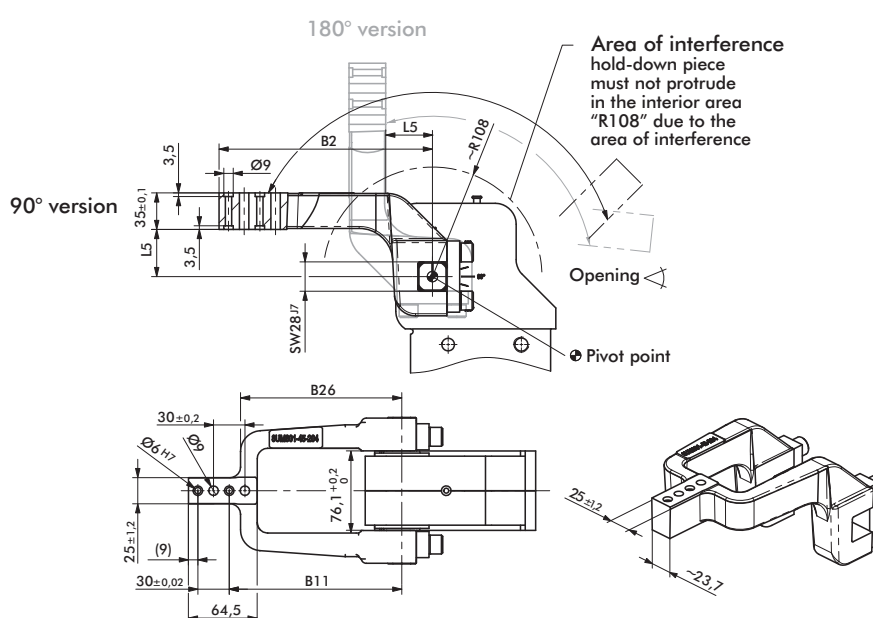
180°



8UM631-15-144
8UM631-25-144
8UM631-45-144
8UM631-75-204

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	B2	B4	B11 ±0,1	B26	L4 ±0,1	L5
8UM631-15-144	135°	105°	1,1						15
8UM631-25-144		120°	1,2	144	64,5	105	95	28	25
8UM631-45-144		135°	1,3						45
8UM631-75-204			1,7	204	82	165	107	30	75

Series 82M-3E*****8*** U-Arms Center



90°



180°

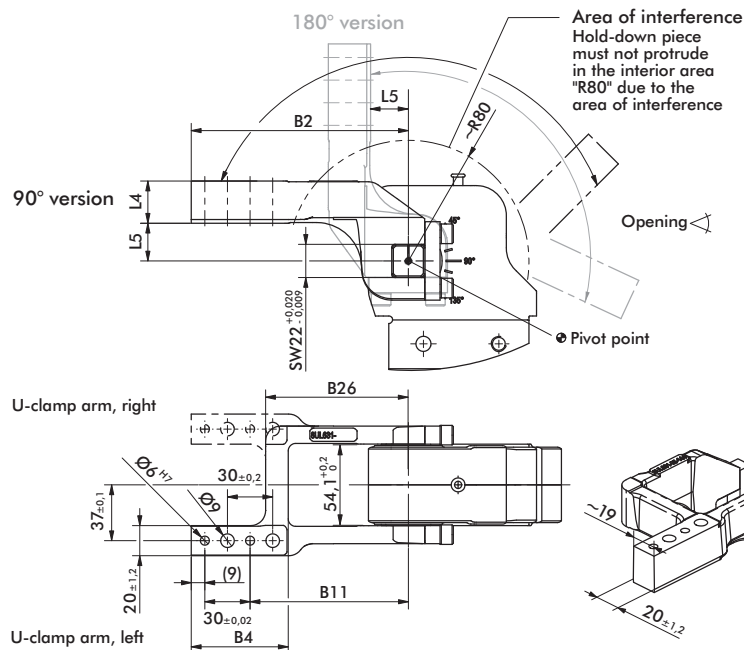


8JG-169-2-01
8UM801-45-204

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	B2	B11 ±0,1	B26	L5* ±0,2
8JG-169-2-01	135°	105°	3,5	179	140	129	20
8UM801-45-204		135°	4,1	204	165	154	45

*Tolerance measured 80mm from pivot point.

Series 82M-3*****6*** U-Arms Offset (Steel)



90° Left



90° Right



180° Right*



180° Left*



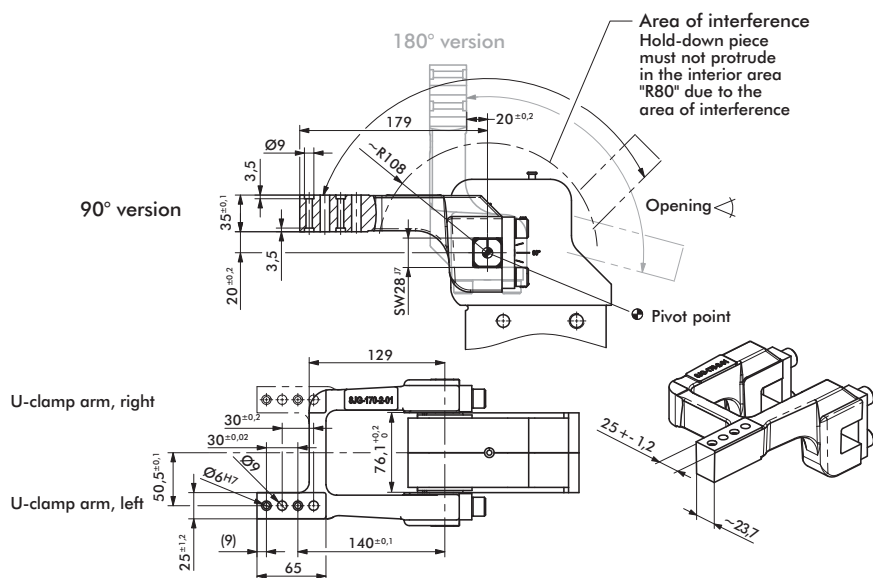
8UL631-15-144
8UL631-25-144
8UL631-45-144
8UL631-75-204

8UR631-15-144
8UR631-25-144
8UR631-45-144
8UR631-75-204

*90° left/180° right uses same clamp arm. 90° right/180° left uses same clamp arm. See images above.

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	B2	B4	B11 ±0,1	B26	L4 ±0,1	L5
8U(•)631-15-144	135°	105°	1,2						15
8U(•)631-25-144		120°	1,2	144	64,5	105	95	28	25
8U(•)631-45-144		135°	1,3						45
8U(•)631-75-204			1,9	204	82	165	119	30	75

Series 82M-3E*****8*** U-Arms Offset



90° Left



90° Right



180° Right*



180° Left*



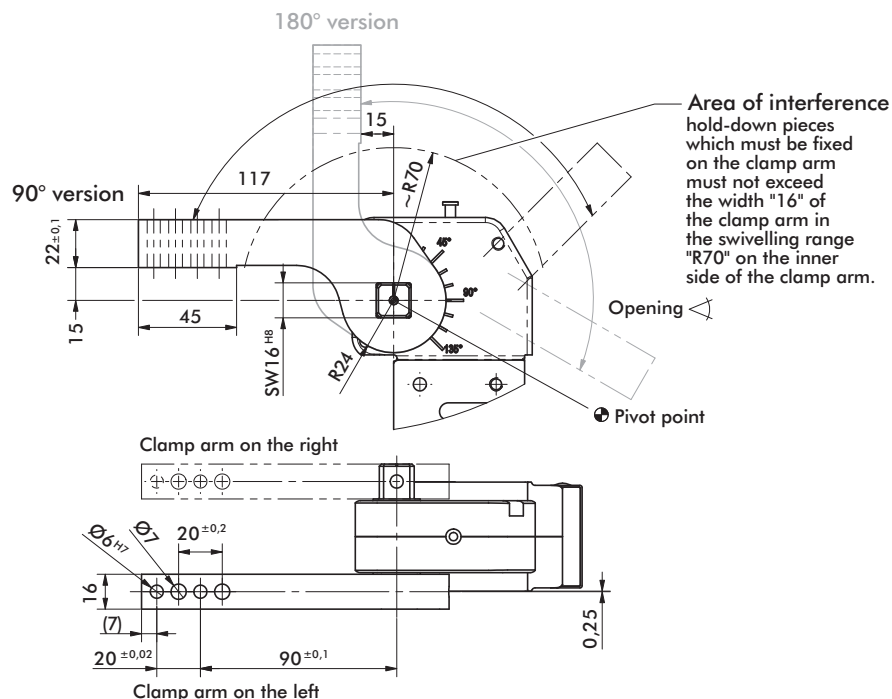
8JG-170-2-01

8JG-171-2-01

*90° left/180° right uses same clamp arm.
90° right/180° left uses same clamp arm.
See images above.

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight
8JG-17(•)-2-01	135°	105°	3,5

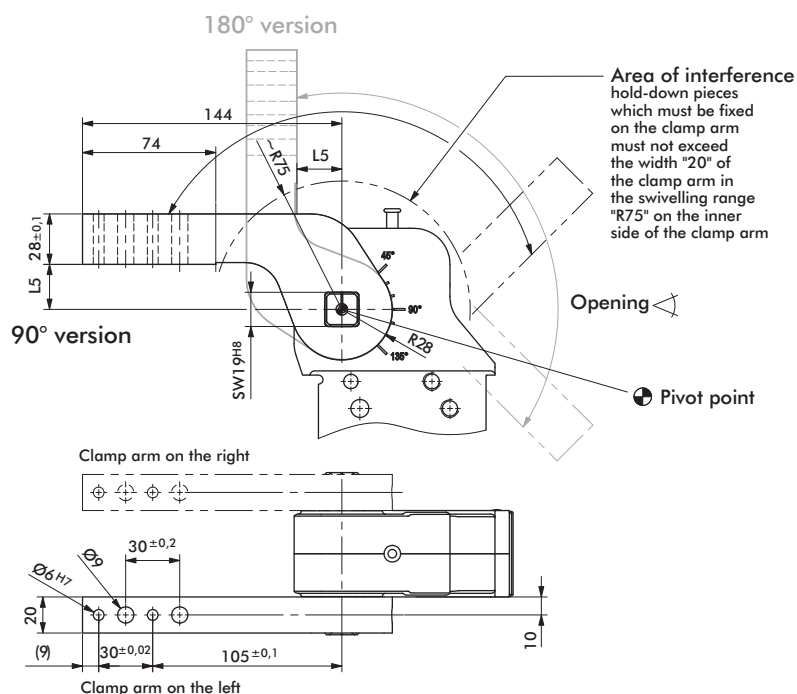
Series 82M-3E****40** Lateral Arms



Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight
8S401-15-117	135°	120°	0,5

Models with 2 lateral clamp arms requires 2 clamp arm sets.

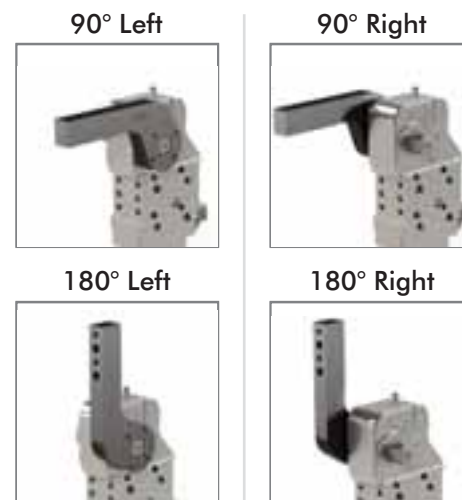
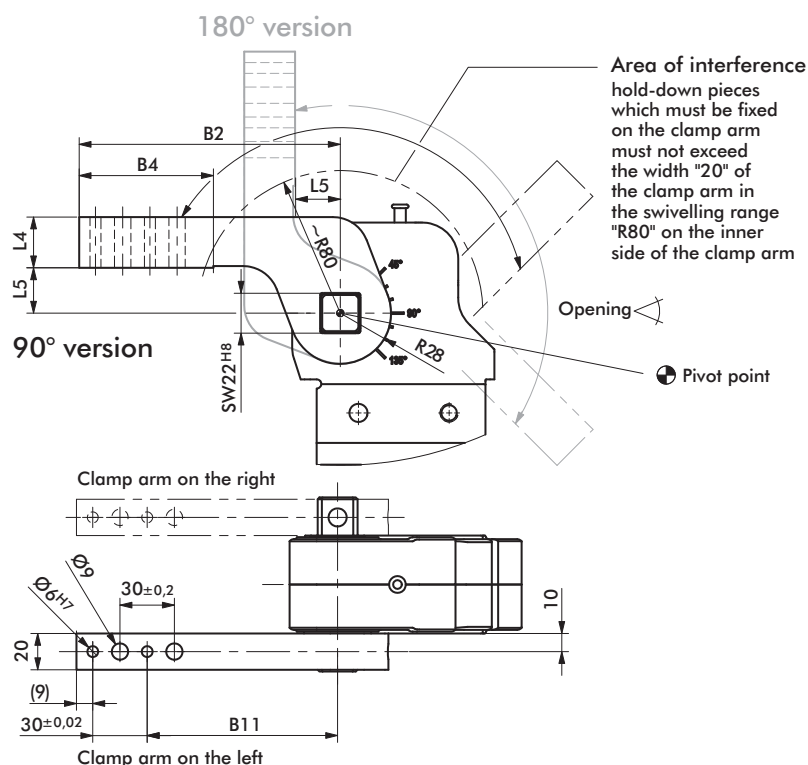
Series 82M-3E****5** Lateral Arms



Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	L5
8JG-070-1-01	135°	135°	0,9	15
8S501-25-144	135°	135°	1,0	25

Models with 2 lateral clamp arms requires 2 clamp arm sets.

Series 82M-3*****6*** Lateral Arms

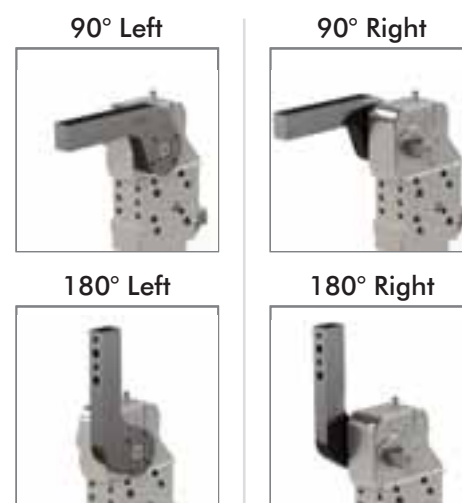
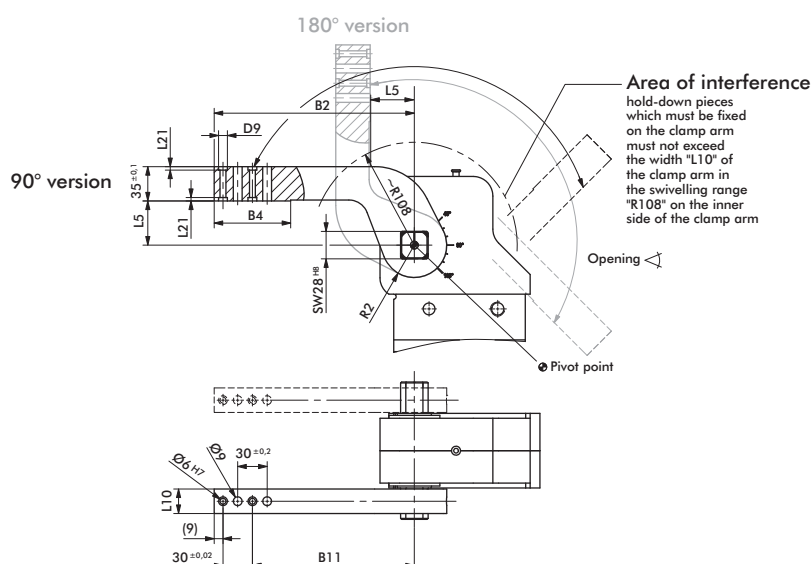


8JG-080-1-01
8S631-25-144
8S631-45-144
8S631-75-204

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	B2	B4	B11 ±0,1	L4 ±0,1	L5
8JG-080-1-01	135°	135°	0,9					15
8S631-25-144			1,0	144	74	105	28	25
8S631-45-144			1,1					45
8S631-75-204			1,5	204	78	165	30	75

Models with 2 lateral clamp arms requires 2 clamp arm sets.

Series 82M-3E*****8*** Lateral Arms

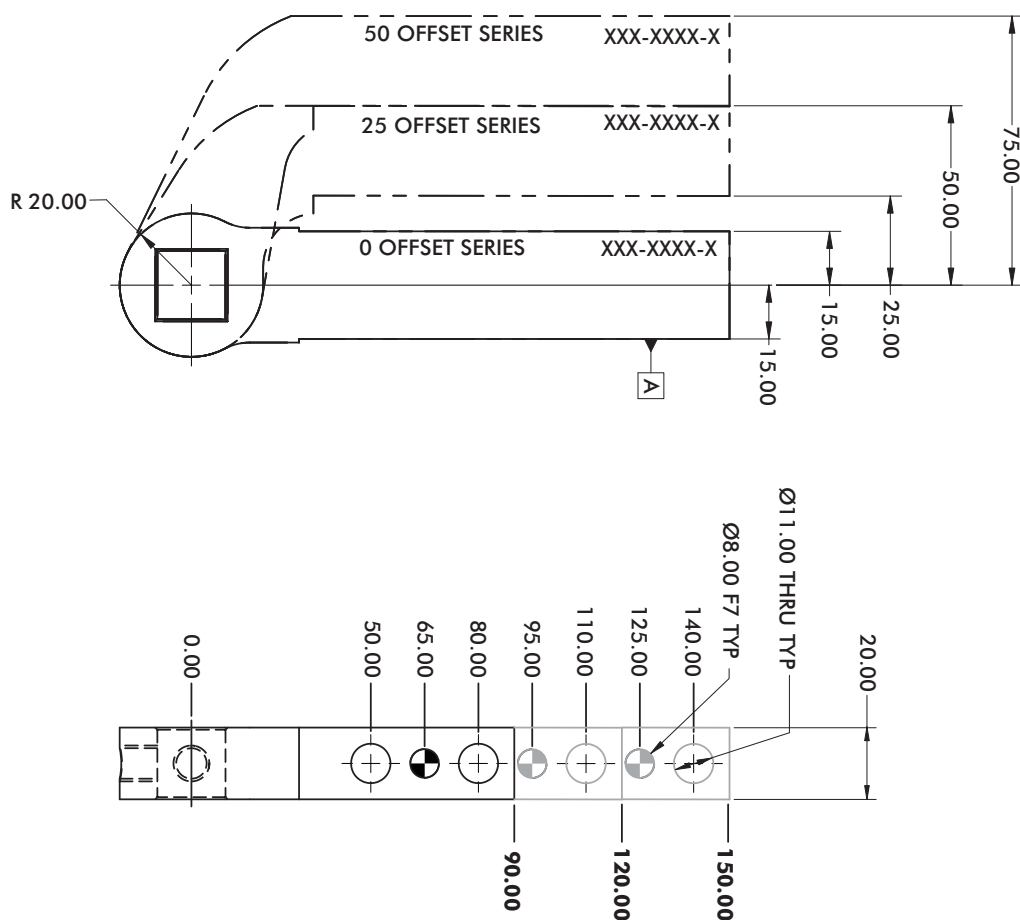


8JG-1179-1-01
8S801-45-204

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	B2	B4	D9	B11 ±0,1	L5	L10	L21	R2
8JG-1179-1-01	135°	135°	2,1	179	74	-	140	20	30	-	35
8S801-45-204				204	78	9	165	45	25	3,5	33

Models with 2 lateral clamp arms requires 2 clamp arm sets.

Series 82M-3 Lateral (Side) Arms, NAAMS-Style, 50mm



9mm Thru Hole (6.00 H7 Dowel)

90mm [3.54"] Arm Length

Series	Arm Style	Model
50 Offset	▲ • 3256	B8JG-3256-1
25 Offset	▲ • 3246	B8JG-3246-1
0 Offset	▲ • 3236	B8JG-3236-1

120mm [4.72"] Arm Length

Series	Arm Style	Model
50 Offset	▲ • 3257	B8JG-3257-1
25 Offset	▲ • 3247	B8JG-3247-1
0 Offset	▲ • 3237	B8JG-3237-1

150mm [5.90"] Arm Length

Series	Arm Style	Model
50 Offset	▲ • 3258	B8JG-3258-1
25 Offset	▲ • 3248	B8JG-3248-1
0 Offset	▲ • 3238	B8JG-3238-1

11mm Thru Hole (8.00 F7 Dowel)

90mm [3.54"] Arm Length

Series	Arm Style	Model
50 Offset	▲ • 1226	B8JG-1226-1
25 Offset	▲ • 1216	B8JG-1216-1
0 Offset	▲ • 1206	B8JG-1206-1

120mm [4.72"] Arm Length

Series	Arm Style	Model
50 Offset	▲ • 1227	B8JG-1227-1
25 Offset	▲ • 1217	B8JG-1217-1
0 Offset	▲ • 1207	B8JG-1207-1

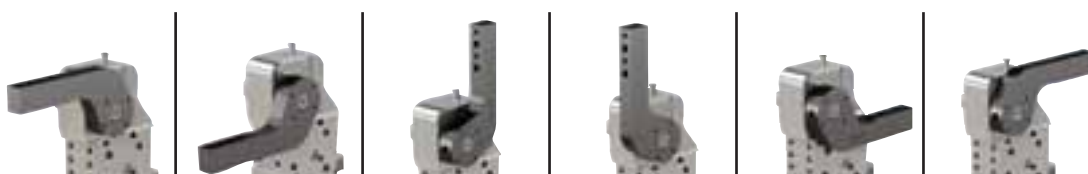
150mm [5.90"] Arm Length

Series	Arm Style	Model
50 Offset	▲ • 1228	B8JG-1228-1
25 Offset	▲ • 1218	B8JG-1218-1
0 Offset	▲ • 1208	B8JG-1208-1

▲ Common in North America

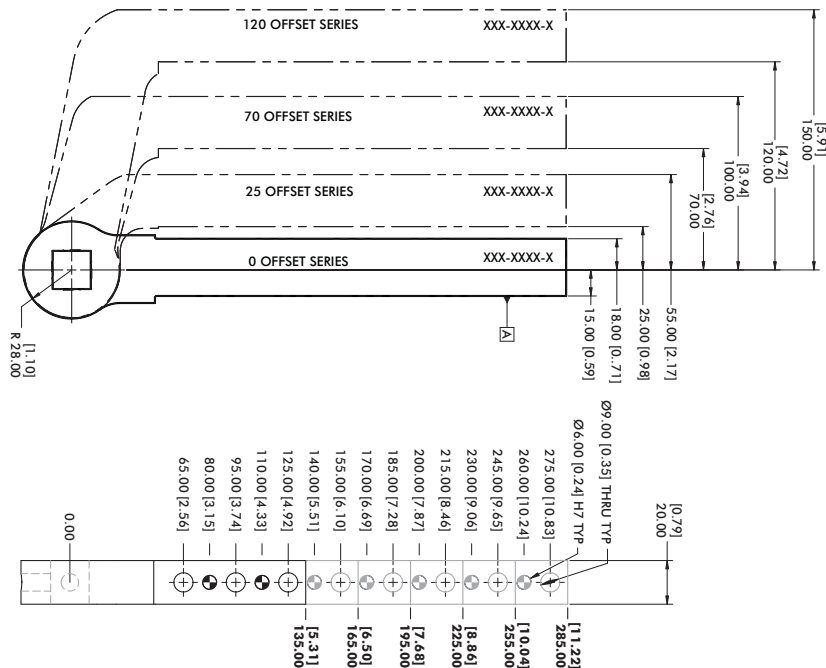
(•) STANDARD ARM OFFERING

Maximum Opening Angle (shown in locked position)



Arm Styles	135°	135°	100°	100°	N/A	N/A
1206-1208/3236-3238	135°	135°	100°	100°	N/A	N/A
1216-1218/3246-3248	135°	N/A	50°	125°	N/A	30°
1226-1228/3256-3258	125°	N/A	35°	135°	N/A	50°

Series 82M-3 Lateral (Side) Arms, NAAMS-Style, 63mm for 23 Clamp Arm Shaft Option



135mm [5.31"] Arm Length

Series	Arm Style	Model
120 Offset	▲ 1543	B8JG-1543-1
70 Offset	▲ 1531	B8JG-1531-1
25 Offset	▲ 1519	B8JG-1519-1
0 Offset	▲ 1507	B8JG-1507-1

165mm [6.50"] Arm Length

Series	Arm Style	Model
120 Offset	▲ 1544	B8JG-1544-1
70 Offset	▲ 1532	B8JG-1532-1
25 Offset	▲ 1520	B8JG-1520-1
0 Offset	▲ 1508	B8JG-1508-1

195mm [7.68"] Arm Length

Series	Arm Style	Model
120 Offset	▲ 1545	B8JG-1545-1
70 Offset	▲ 1533	B8JG-1533-1
25 Offset	▲ 1521	B8JG-1521-1
0 Offset	▲ 1509	B8JG-1509-1

225mm [8.86"] Arm Length

Series	Arm Style	Model
120 Offset	▲ 1546	B8JG-1546-1
70 Offset	▲ 1534	B8JG-1534-1
25 Offset	▲ 1522	B8JG-1522-1
0 Offset	▲ 1510	B8JG-1510-1

255mm [10.04"] Arm Length

Series	Arm Style	Model
120 Offset	▲ 1547	B8JG-1547-1
70 Offset	▲ 1535	B8JG-1535-1
25 Offset	▲ 1523	B8JG-1523-1
0 Offset	▲ 1511	B8JG-1511-1

285mm [11.22"] Arm Length

Series	Arm Style	Model
120 Offset	▲ 1548	B8JG-1548-1
70 Offset	▲ 1536	B8JG-1536-1
25 Offset	▲ 1524	B8JG-1524-1
0 Offset	▲ 1512	B8JG-1512-1

▲ Common in North America

(•) STANDARD ARM OFFERING

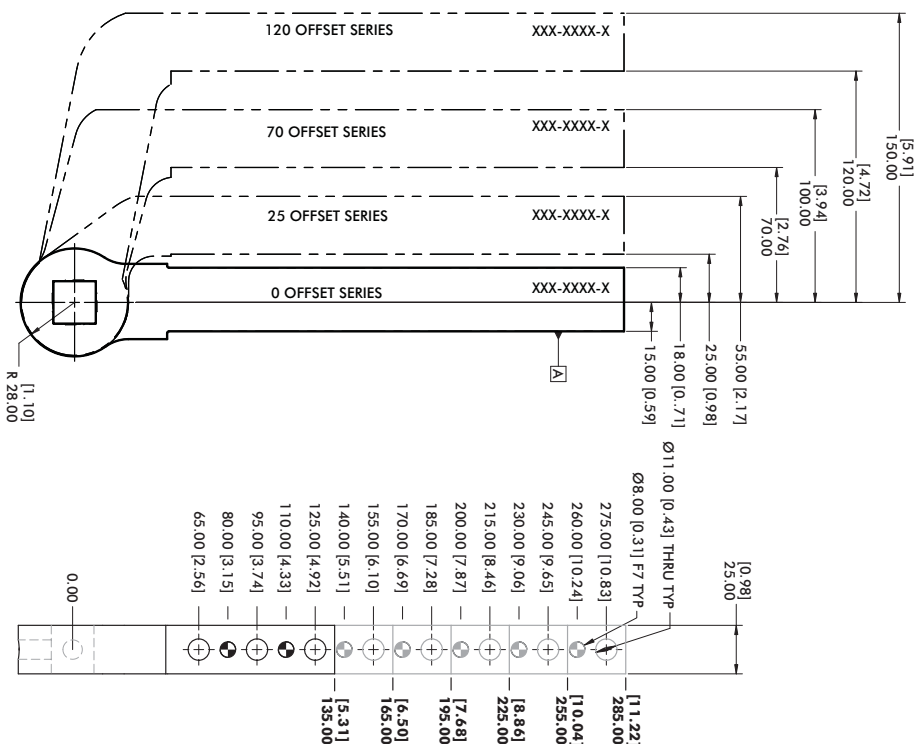
① NON-STANDARD ARM OFFERING (extended leadtimes apply)

Maximum Opening Angle (shown in locked position)



Arm Styles						
1510-1512/1507-1509	135°	135°	100°	100°	N/A	N/A
1522-1524/1519-1521	135°	N/A	50°	130°	N/A	40°
1534-1536/1531-1533	115°	N/A	25°	135°	N/A	75°
1546-1548/1543-1545	110°	N/A	20°	135°	N/A	85°

Series 82M-3 Lateral (Side) Arms, NAAMS-Style, 63mm for D0 Clamp Arm Shaft Option



135mm [5.31"] Arm Length

Series	Arm Style	Model
120 Offset	▲ • 1043	B8JG-1043-1
70 Offset	▲ • 1031	B8JG-1031-1
25 Offset	▲ • 1019	B8JG-1019-1
0 Offset	▲ • 1007	B8JG-1007-1

165mm [6.50"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 1044	B8JG-1044-1
70 Offset	▲ • 1032	B8JG-1032-1
25 Offset	▲ • 1020	B8JG-1020-1
0 Offset	▲ • 1008	B8JG-1008-1

195mm [7.68"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 1045	B8JG-1045-1
70 Offset	▲ • 1033	B8JG-1033-1
25 Offset	▲ ① 1021	B8JG-1021-1
0 Offset	▲ • 1009	B8JG-1009-1

225mm [8.86"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 1046	B8JG-1046-1
70 Offset	▲ • 1034	B8JG-1034-1
25 Offset	▲ ① 1022	B8JG-1022-1
0 Offset	▲ ① 1010	B8JG-1010-1

255mm [10.04"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 1047	B8JG-1047-1
70 Offset	▲ • 1035	B8JG-1035-1
25 Offset	▲ ① 1023	B8JG-1023-1
0 Offset	▲ ① 1011	B8JG-1011-1

285mm [11.22"] Arm Length

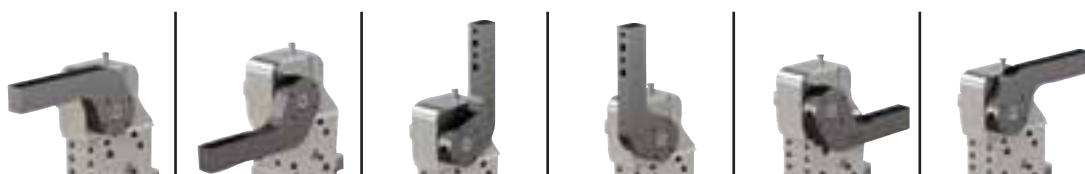
Series	Arm Style	Model
120 Offset	▲ ① 1048	B8JG-1048-1
70 Offset	▲ ① 1036	B8JG-1036-1
25 Offset	▲ ① 1024	B8JG-1024-1
0 Offset	▲ ① 1012	B8JG-1012-1

▲ Common in North America

(•) STANDARD ARM OFFERING

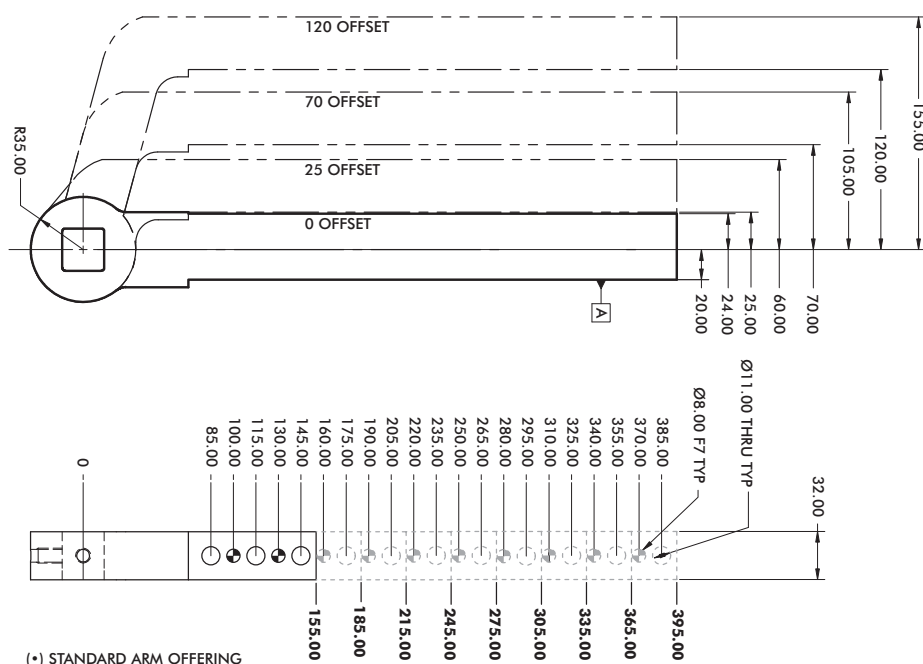
① NON-STANDARD ARM OFFERING (extended leadtimes apply)

Maximum Opening Angle (shown in locked position)



Arm Styles	135°	135°	100°	100°	N/A	N/A
1010-1012/1007-1009	135°	135°	100°	100°	N/A	N/A
1022-1024/1019-1021	135°	N/A	50°	130°	N/A	40°
1034-1036/1031-1033	115°	N/A	25°	135°	N/A	75°
1046-1048/1043-1045	110°	N/A	20°	135°	N/A	85°

Series 82M-3 Lateral (Side) Arms, NAAMS-Style, 80mm



155mm [4.53"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 170	B8JG-1170-1
70 Offset	▲ • 150	B8JG-1150-1
25 Offset	▲ ① 130	B8JG-1130-1
0 Offset	▲ ① 110	B8JG-1110-1

185mm [7.28"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 171	B8JG-1171-1
70 Offset	▲ ① 151	B8JG-1151-1
25 Offset	▲ ① 131	B8JG-1131-1
0 Offset	▲ ① 111	B8JG-1111-1

215mm [8.46"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 172	B8JG-1172-1
70 Offset	▲ ① 152	B8JG-1152-1
25 Offset	▲ ① 132	B8JG-1132-1
0 Offset	▲ • 112	B8JG-1112-1

245mm [9.65"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 173	B8JG-1173-1
70 Offset	▲ ① 153	B8JG-1153-1
25 Offset	▲ ① 133	B8JG-1133-1
0 Offset	▲ ① 113	B8JG-1113-1

275mm [10.83"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 174	B8JG-1174-1
70 Offset	▲ ① 154	B8JG-1154-1
25 Offset	▲ • 134	B8JG-1134-1
0 Offset	▲ ① 114	B8JG-1114-1

305mm [12.00"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 175	B8JG-1175-1
70 Offset	▲ • 155	B8JG-1155-1
25 Offset	▲ ① 135	B8JG-1135-1
0 Offset	▲ ① 115	B8JG-1115-1

335mm [13.19"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 176	B8JG-1176-1
70 Offset	▲ ① 156	B8JG-1156-1
25 Offset	▲ ① 136	B8JG-1136-1
0 Offset	▲ ① 116	B8JG-1116-1

365mm [14.37"] Arm Length

Series	Arm Style	Model
120 Offset	▲ ① 177	B8JG-1177-1
70 Offset	▲ ① 157	B8JG-1157-1
25 Offset	▲ ① 137	B8JG-1137-1
0 Offset	▲ ① 117	B8JG-1117-1

395mm [15.55"] Arm Length

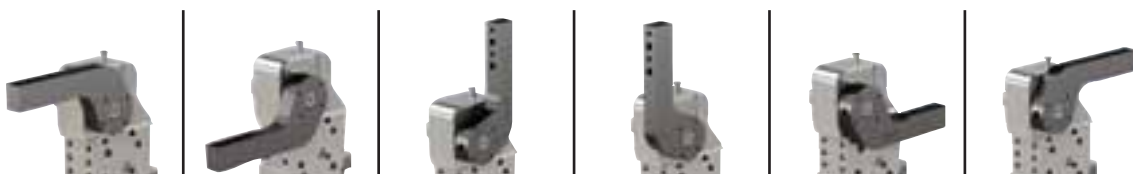
Series	Arm Style	Model
120 Offset	▲ ① 178	B8JG-1178-1
70 Offset	▲ • 158	B8JG-1158-1
25 Offset	▲ ① 138	B8JG-1138-1
0 Offset	▲ • 118	B8JG-1118-1

▲ Common in North America

(•) STANDARD ARM OFFERING

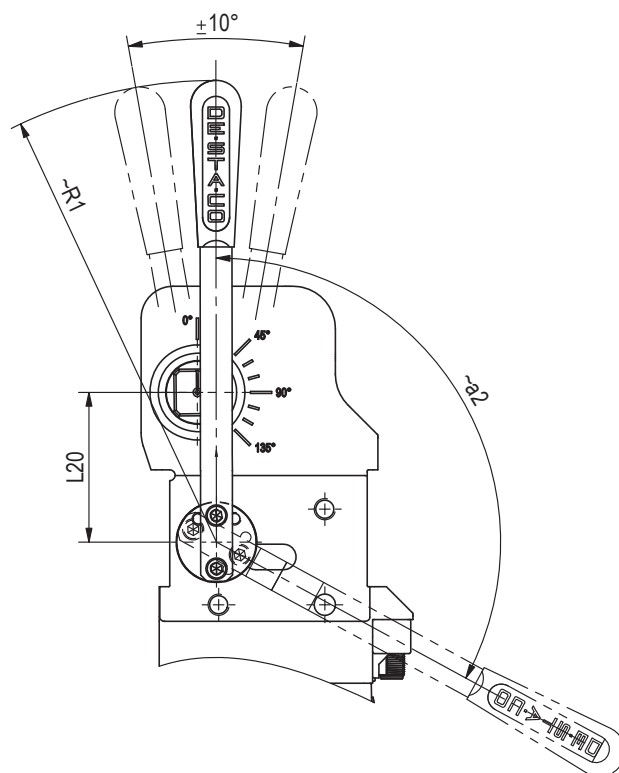
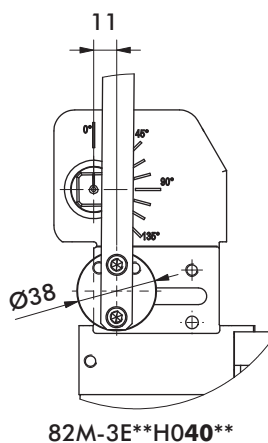
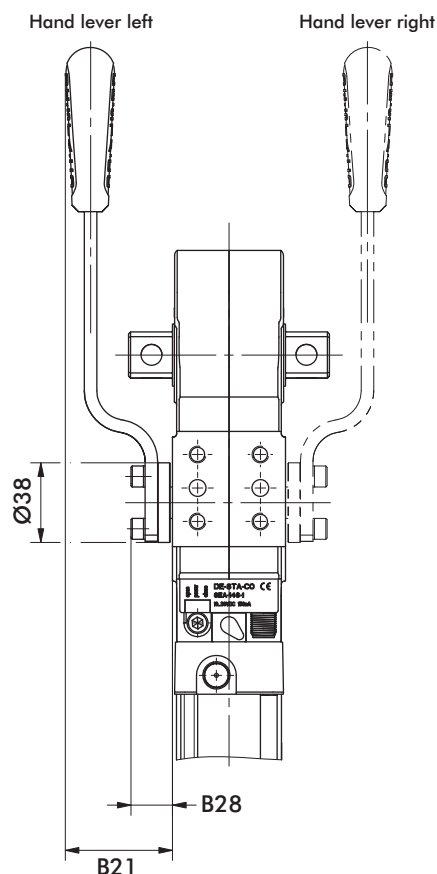
① NON-STANDARD ARM OFFERING (extended leadtimes apply)

Maximum Opening Angle (shown in locked position)

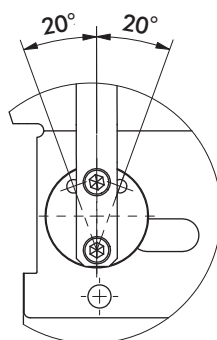
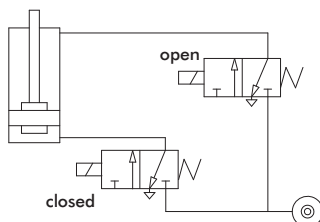


Arm Styles						
1110 - 1118	135°	135°	100°	100°	N/A	N/A
1130 - 1138	135°	N/A	60°	120°	N/A	30°
1150 - 1158	125°	N/A	35°	135°	N/A	55°
1170 - 1178	115°	N/A	25°	135°	N/A	80°

Hand Lever Accessory



Pneumatic circuit required for manual and pneumatic actuation.



Hand lever can be mounted in 3 positions



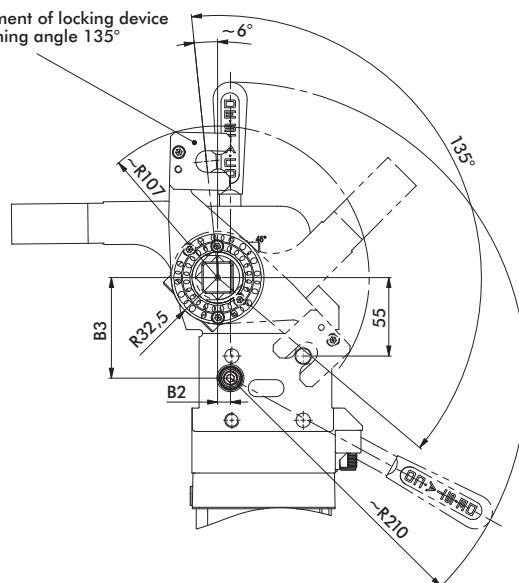
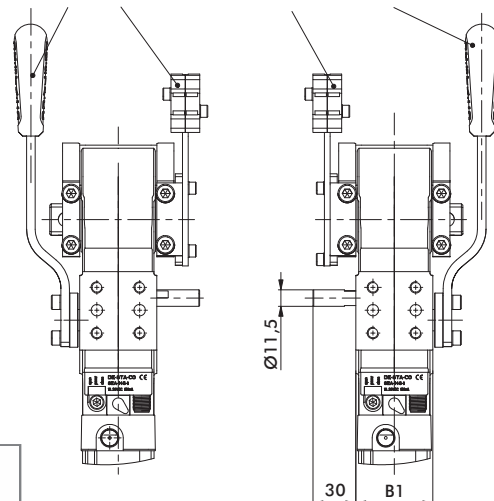
Model No.					Swivel Angle α_2									
	B21	B28	L20	~R1	(with reference to opening angle of clamp arm)									
82M-3E..H040..	27	24	48,5	190	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°
82M-3E..H05...	52	20	70	218	-1°	30°	39°	46°	53°	61°	70°	81°	92°	103°
82M-3E..H06..	52	20	70,5	218	0°	30°	39°	47°	56°	66°	79°	94°	108°	119°
82M-3E..H08..	56	26	82	268	-1°	28°	37°	45°	53°	63°	75°	92°	107°	117°

Locking Device for Hand Lever Accessory

Situation of installation:
handlever left-hand side
locking device right-hand side

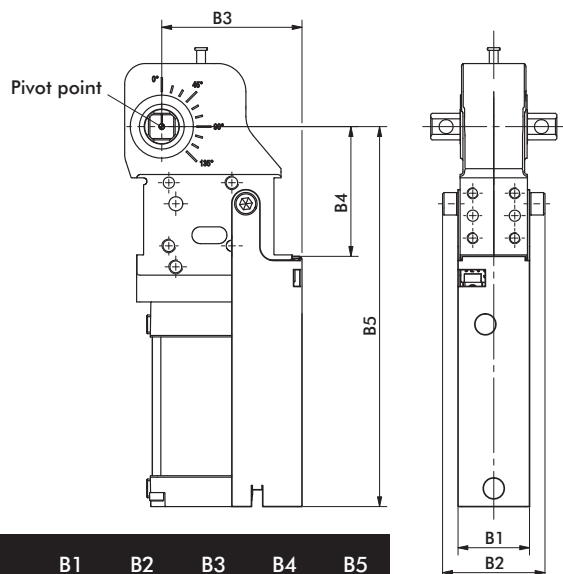
Situation of installation:
handlever right-hand side
locking device left-hand side

Adjustment of locking device
at opening angle 135°



Order No.	For Model	B1	B2	B3
82ZB-084-1	82M-3E**H05***	48	7	70
82ZB-039-1	82M-3E**H06***	54	9	70,5

Anti-Ramming Device Accessory

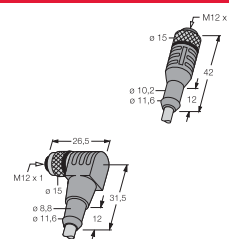


Using of the anti-ramming device is only possible with 82M-3E**00**00 and 82M-3E**00**L8

Order No.	For Model	B1	B2	B3	B4	B5
8AB-151-1	82M-3E**H04***	53	66,5	89,5	65,5	210,5
8AB-152-1	82M-3E**H05***	51	73	100	92,5	271
8AB-153-1	82M-3E**H06***	57	79	120	104,5	296
8AB-154-1	82M-3E**H08***	79	105,5	148	142,5	360

Cable and Connector socket Accessory

Specification	Order no.
Connector cable (1 connector socket & 5 m cable)	
connector socket M12x1	
straight 5-pin	8EL-002-1
connector socket M12x1	
angular, 4-pin	8EL-003-1





A DOVER COMPANY

Workholding

- Widest variety of workholding products
- High durability and reliability
- Flexible solutions for all applications
- Custom products for unique requirements

Automation

- Broad range of engineered automation products
- Complementary products for modular integration
- Unmatched accuracy, reliability and performance
- Unparalleled global sales, service and engineering support

GLOBAL LOCATIONS

EUROPE

Germany
Phone: +49-6171-705-0
Customer Service: europe@destaco.com

France
Phone: +33-1-3996-5000
Customer Service: france@destaco.com

UK
Phone: +44-1902-797980
Customer Service: uk@destaco.com

Spain
Phone: +34-936361680
Customer Service: spain@destaco.com

Benelux
Phone: +31-297285332
Customer Service: benelux@destaco.com

ASIA

Thailand
Phone: +66-2-326-0812
Customer Service: info@destaco.com

China
Phone: +86-21-2411 2600
Customer Service: china@destaco.com

India
Phone: +91-80-41123421-426
Customer Service: india@destaco.com

NORTH AMERICA

DE-STA-CO Headquarters
Auburn Hills, Michigan
Phone: 1.248.836.6700
Toll Free: 1.888.DESTACO
Marketing: marketing@destaco.com
Customer Service: customerservice@destaco.com

Charlevoix, Michigan
Phone: 1.888.DESTACO
Customer Service: customerservice@destaco.com

Wheeling, Illinois
Phone: 1.800.645.5207
Customer Service: camco@destaco.com

Red Wing, MN (Central Research Laboratories)
Phone: 651.385.2142
Customer Service: sales@centres.com

SOUTH AMERICA

Brazil
Phone: 0800-124070
Customer Service: samerica@destaco.com



A DOVER COMPANY

DE-STA-CO Europe GmbH
Hiroshimastraße 2
61440 Oberursel
Germany
Phone +49 6171 705-0
Fax +49 6171 705-120
Email europe@destaco.com
www.destaco.com



© Copyright, 2013 DE-STA-CO. All rights for layout, photos and text rest with the publisher DE-STA-CO. All photomechanical or other reproductions only with our express permission. All sales are based on our terms and conditions of sale, delivery and payment.



KAT-82M3E-0514-GB

Products Overview

Destaco Products "At A Glance"





Focusing all of our Resources

New Product Development

Destaco has dedicated resources to design and build the next generation of products and solutions

Customer and Technical Service

Destaco has industry leading global support to address any product and application concerns you may have

Design Tools

Destaco provides an extensive CAD library, sizing software, and online tools to support our global customers



Our Insight Working for You

Application Engineering

We utilize our expertise and complete portfolio of products to create solutions that fit our customers' needs and applications

Custom Solutions

If our off-the-shelf solutions don't fit, we will partner with our customers to develop products that will



When an off-the-shelf product can't handle it - we can!

With many years of experience working with OEM machine builders, we can make our product fit your unique application. We will partner with you to design the right product for your application – from altering an existing product to building a completely new product, we have the experience and expertise to help your project succeed.

Using our expertise to develop custom solutions for unique applications, Destaco helps you save time and resources, allowing you to focus on your core business and gain a competitive advantage in the marketplace.

- Proven quality from the experts
- Reduce risk by using our experienced engineers
- Easy reordering with unique part numbers
- Simplify your supply chain
- Three levels of customization from simple alterations to complex custom products



AUTOMATION PRODUCTS - ROBOHAND GRIPPERS, ROTARIES AND SLIDES

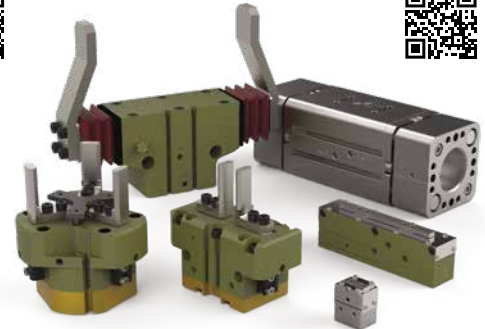
OEM Products



Electric Parallel Grippers



Parallel Grippers



Angular Grippers



Special Grippers



ROBOHAND

Rotary Actuators



Linear Slides



Feed Escapements



CENTRAL RESEARCH LABORATORIES - REMOTE

Fixed Gloveport Systems



Push-Through Gloveport Systems



CRL

Rapid Transfer Ports
(Alpha & Beta Solutions)



AUTOMATION PRODUCTS - CAMCO SERVO AND MECHANICAL POSITIONERS

Servo Positioner Rotary Tables



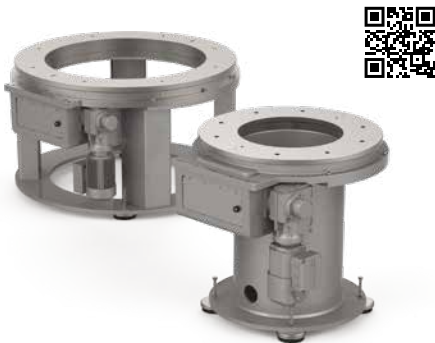
Mechanical Dial Drives



Mechanical Index Drives



Ring Drive Dial Indexer



Part Handlers



CAMCO

Conveyor Systems



Overload Clutches



Custom Cams



HANDLING AND CONTAINMENT SOLUTIONS

One-Piece Manipulators



Three-Piece Manipulators



Waste & Bulk Packaging Solutions



CRL

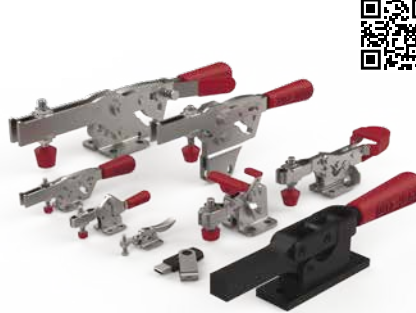
MANUAL AND PNEUMATIC POWER CLAMPS

Vertical Hold Down Clamps



100+ Models Available

Horizontal Hold Down Clamps



70+ Models Available

Push Action Clamps



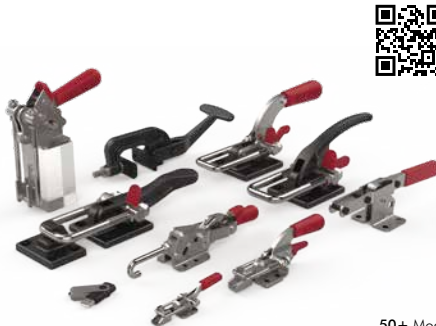
70+ Models Available

Squeeze Action Plier Clamps



80+ Models Available

Pull Action Latch Clamps



50+ Models Available

Pneumatic Toggle Clamps



30+ Models Available

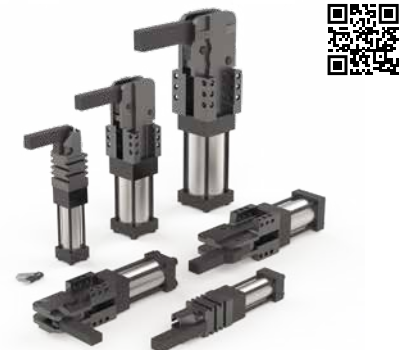
Pneumatic Swing Clamps



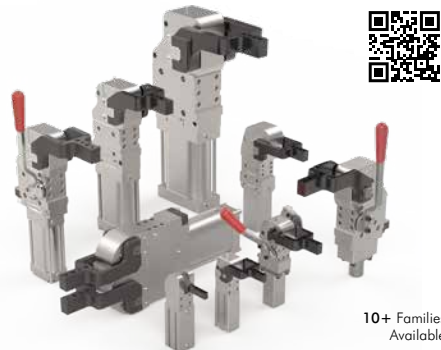
Pneumatic Power Cylinders



Pneumatic Round Power Clamps



Pneumatic Power Clamps



10+ Families Available

Tolerance Compensating Power Clamps



Pin Clamps & Packages, Pivot Units



END EFFECTOR SOLUTIONS

Accelerate® Lightweight Tooling



World Tool & Round
Tooling Systems



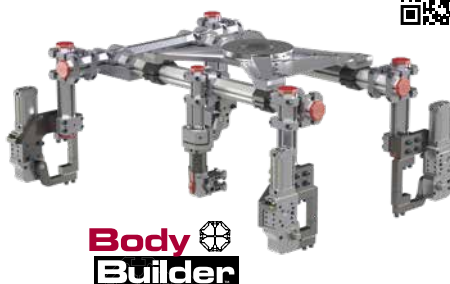
Tool Changers &
Compliance Devices



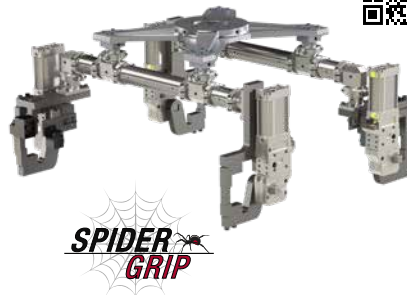
Lower Tooling Components



BodyBuilder™ Tooling System



SpiderGrip™ Tooling System



Vacuum Cups & Products



ARV® Auto Release Venturi
Vacuum Generators



Destacker Products



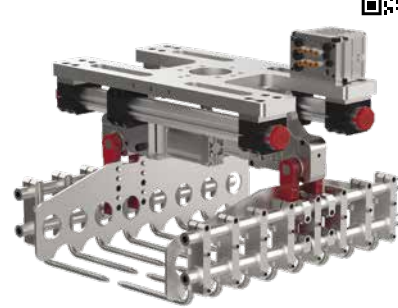
Accelerate® Press Room Grippers



Sheet Metal Grippers



Bag Grippers





ROBOHAND

Grippers, Rotaries, and Linear Slide Solutions

Engineered Reliability

Destaco's Robohand products are engineered for reliability and long life to ensure maximum production uptime. These products are designed and machined for precise repeatability with minimal maintenance.



CAMCO

Rotary Indexers and Conveyor Solutions

Smarter Precision Indexing

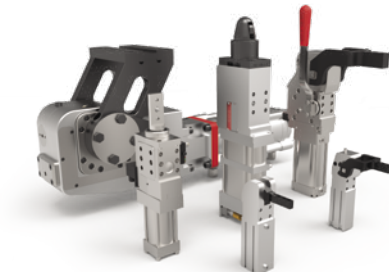
Destaco's CAMCO products have been the industry standard for the highest quality cam-actuated motion control products available. Destaco manufactures a wide range of motion control products including indexing drives, linear and rotary parts handlers, precision link conveyors, magnetically-propelled conveyors, servo-mechanical drives, and custom cams.



Manual and Pneumatic Clamping Solutions

Designed to Hold Securely

Destaco manual and pneumatic light-duty clamps are built to last for years of service, and designed to keep your workpieces in place. Manual and light-duty clamps are offered in a wide variety of styles to hold a part securely in place during an application.



Power Clamping and Pivot Solutions

Clamp with Confidence

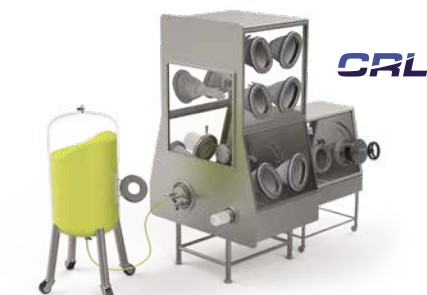
Destaco power clamping products range from heavy-duty sealed clamps for welding environments, to compact light-duty clamps for a variety of clamping applications. Pin clamps and pivot units are used in locating and positioning applications. All of these products offer exceptional clamping forces, holding capacities, and durability.



End Effector Solutions

Speed Matters

Destaco end effectors are designed to help you move parts faster in today's production line by using high strength, lightweight aluminum modular components, durable vacuum cups and the fastest venturis on the market.



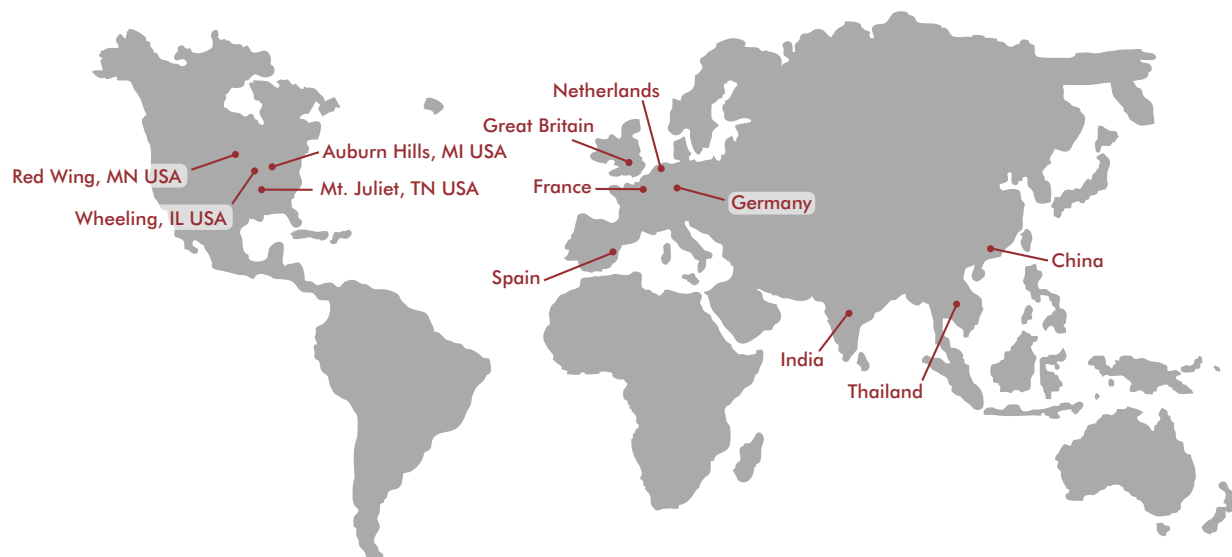
CRL

Remote Handling and Containment Solutions

Clean. Safe. Flexible.

Destaco's Central Research Laboratories (CRL) rapid transfer ports, gloveport systems and telemanipulators allow human operators to safely perform dexterous maneuvers in hazardous or sterile environments. Destaco's CRL products are designed for safe and efficient handling of materials where the human operator cannot have direct contact.





GLOBAL LOCATIONS

EUROPE

Germany
Tel: +49-6171-705-0
Customer Service: europe@destaco.com

France
Tel: +33-4-7354-5001
Customer Service: france@destaco.com

UK
Tel: +44-1902-797980
Customer Service: uk@destaco.com

Spain
Tel: +34-936361680
Customer Service: spain@destaco.com

Benelux
Tel: +31-297285332
Customer Service: benelux@destaco.com

ASIA

Thailand
Tel: +66-2-326-0812
Customer Service: info@destaco.com

China
Tel: +86-21-6081-2888
Customer Service: china@destaco.com

India
Tel: +91-80-41123421-426
Customer Service: india@destaco.com

NORTH AMERICA

Corporate Headquarters
Auburn Hills, Michigan
Toll Free: 1.888.DESTACO
Marketing: marketing@destaco.com

Global Technology Center
Auburn Hills, Michigan
Tel: 1.248.836.6700
Customer Service: customerservice@destaco.com

Mt. Juliet, Tennessee
Tel: 1.888.DESTACO
Customer Service: customerservice@destaco.com

Wheeling, Illinois
Tel: 1.800.645.5207
Customer Service: camco@destaco.com

Red Wing, Minnesota (Central Research Laboratories)
Tel: 651.385.2142
Customer Service: sales@centres.com

CLICK OR SCAN
for the latest PDF
version of this
document.

