

52H-3E SERIES

Pneumatic Power Clamps | Ordering Information

52H-3

E

23

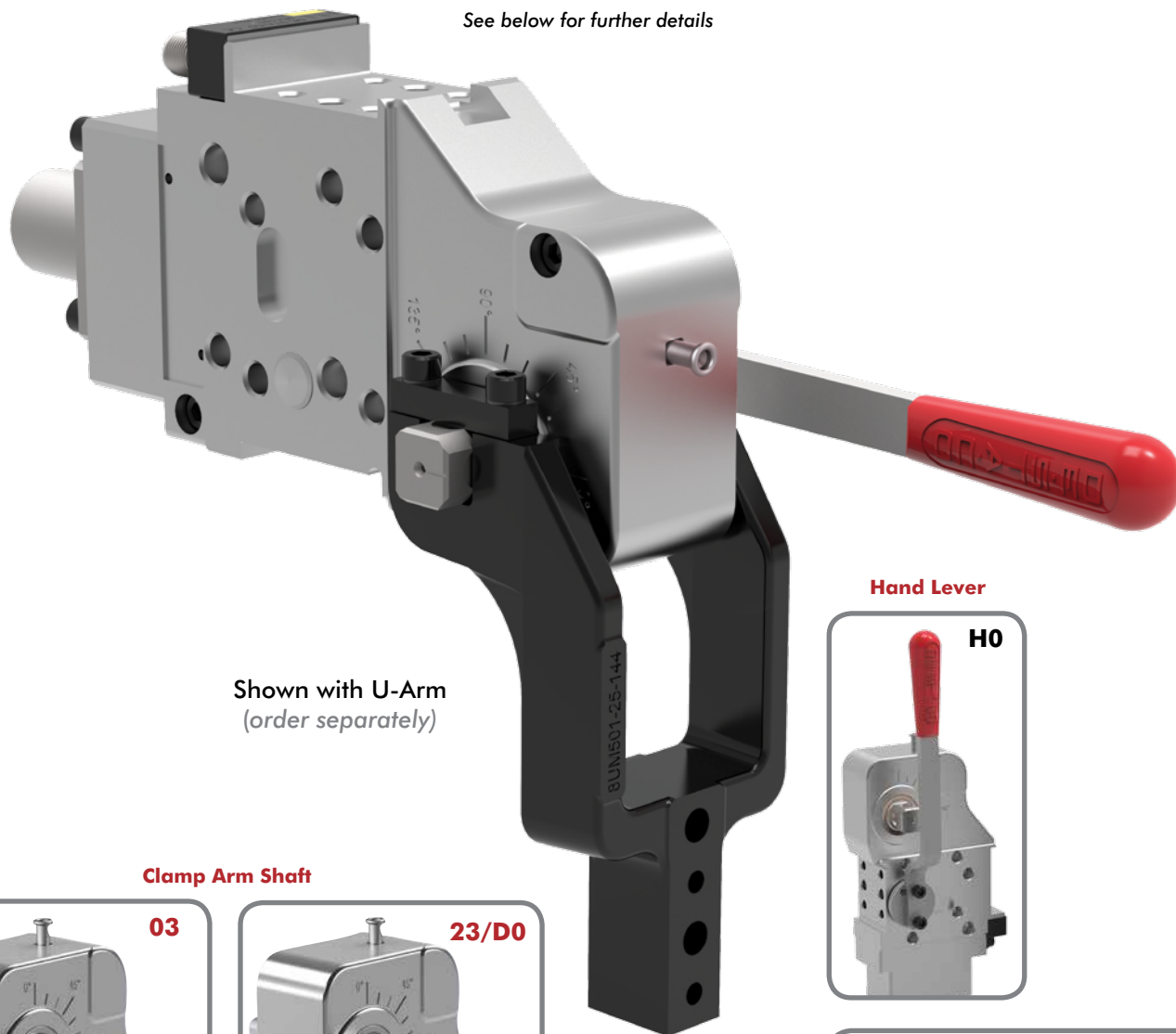
H0

50

L8

Base Model	Mounting	Description	Clamp Arm Shaft	Description	Handle	Description
	E	Standard	03	for U-Arms	H0	Hand lever
	N	NAAMS (Size 63 only)	23	for Lateral Arms	HS	Hand Lever (Weldable)
			D0	for Lateral Arms (size 63 only)		

See below for further details



Clamp Arm Shaft

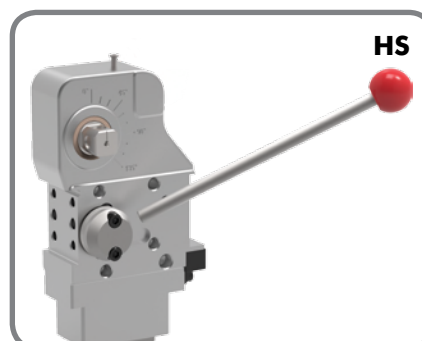


Size	Shaft Length (L17)
50	12mm
63	12mm



23	
Size	Shaft Length (L17)
50	21mm
63	21mm
D0	
Size	Shaft Length (L17)
D0	26mm

Hand Lever



52H-3E SERIES

Pneumatic Power Clamps | Ordering Information

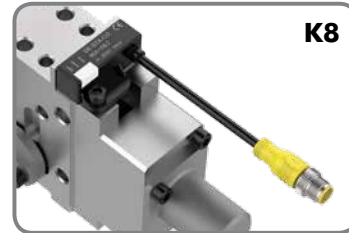
Sensor	Description
00	No sensor
L8	Sensor with In-line Connector (Replacement Order No.: 8EA-146-2)
L9	Sensor with 90 deg Connection (Replacement Order No.: 8EA-147-2)
K8	Sensor with Cable Connection (Replacement Order No.: 8EA-158-2)



L8



L9



K8

Size	Description
50	Size 50mm
63	Size 63mm



52H-3E..H.50/63
Modular manual
clamp, interchangeable
with 82M-3E...50/63



50

Max Holding Torque
1300 Nm



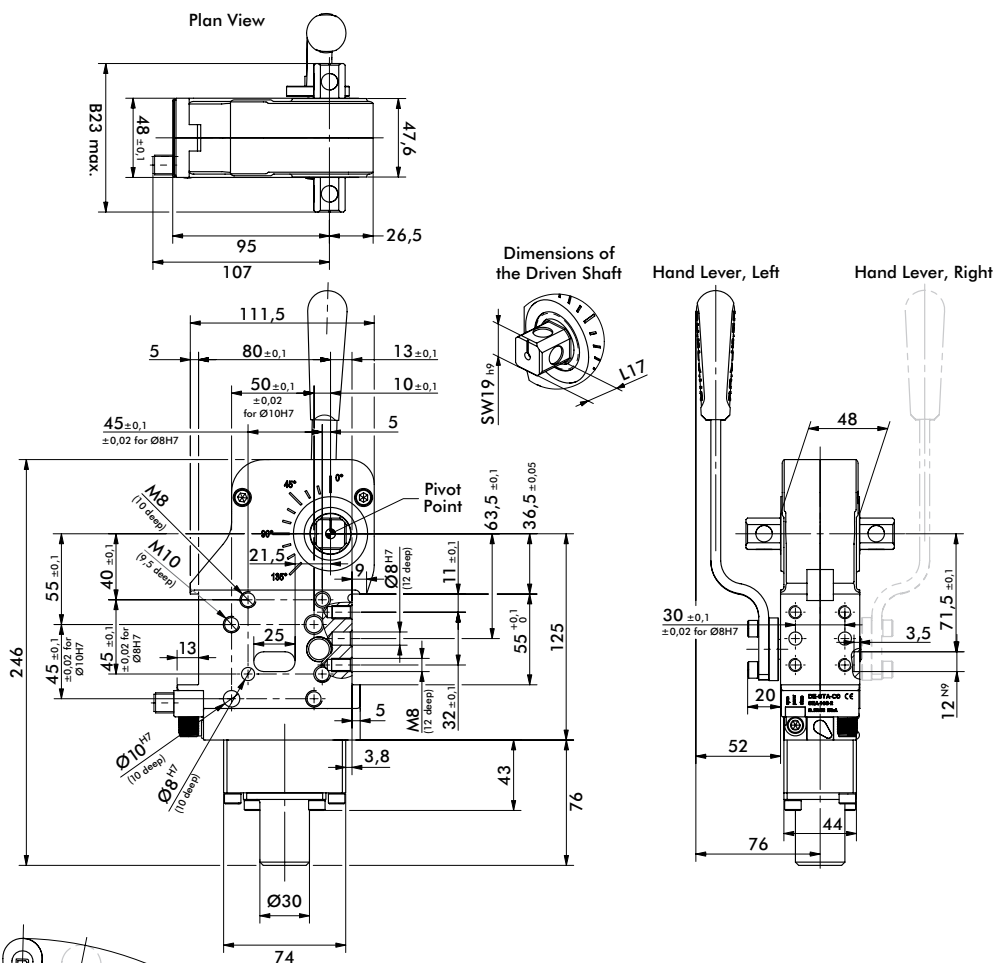
63

Max Holding Torque
1800 Nm

52H-3E...50 SERIES

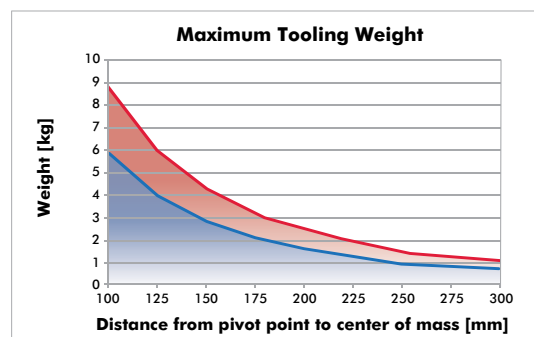
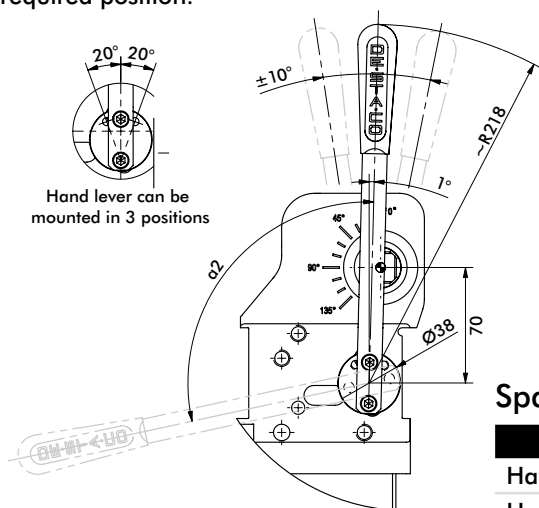
Pneumatic Power Clamps | Dimensions | Technical Specifications

Model	Max. Holding Torque (Nm)	Weight (kg)	B23 max.	L17	Swivel Angle α_2 (with reference to opening angle of clamping arm)									
					0°	15°	30°	45°	60°	75°	90°	105°	120°	135°
52H-3E03H050..	1300	2,75	72	12	-1°	30°	39°	46°	53°	61°	70°	81°	92°	103°
52H-3E23H050..		2,79	90	21										



Notice!

The hand lever is supplied loose enclosed. Easy custom left hand or right hand mounting in required position.



Spare parts

Specification	Base component	Order no.	Comment
Hand lever set	52H-3E...50	8KB-098-1	
Hand lever set (weldable)		8KB-102-1	
Sensor box		8EA-146-2 (L8)	Connector 180°
		8EA-147-2 (L9)	Connector 90°
		8EA-158-2 (K8)	Cable Connection

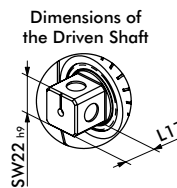
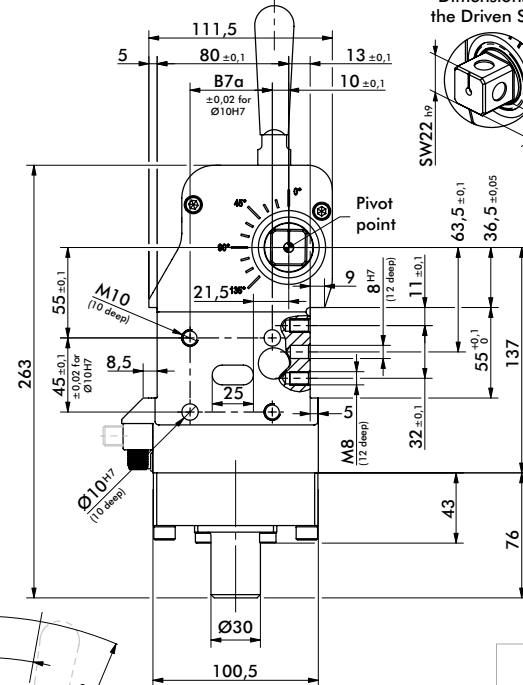
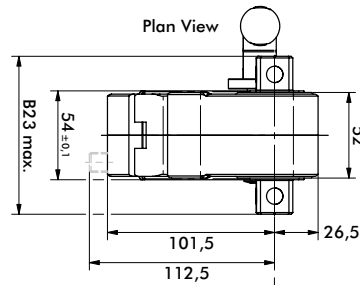
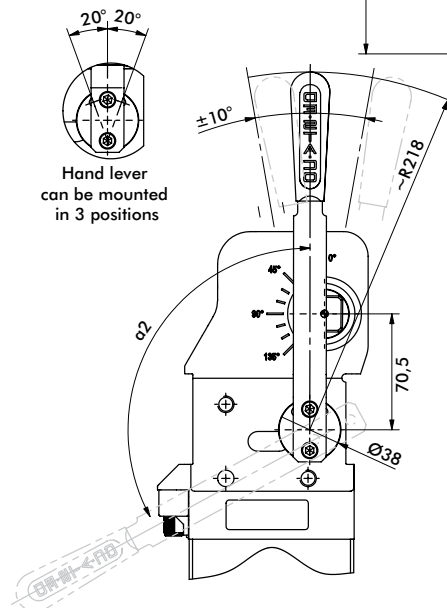
Pneumatic Power Clamps | Dimensions | Technical Specifications

Model	Max. Holding Torque (Nm)	Weight (kg)	B7a	B23 max.	L17	Swivel Angle a2 (with reference to opening angle of clamping arm)									
						0°	15°	30°	45°	60°	75°	90°	105°	120°	135°
52H-3E03H06...	1800	3,5	50	78	12	0°	30°	39°	47°	56°	66°	79°	94°	108°	119°
52H-3N03H06...			55		21										
52H-3E23H06...		3,6	50	12											
52H-3N23H06...			55	21											



Notice!

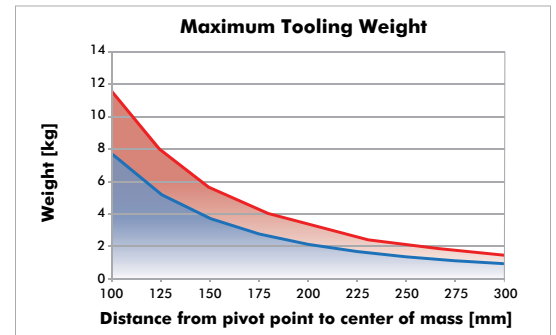
The hand lever is supplied loose enclosed. Easy custom left hand or right hand mounting in required position.



Hand lever, Left



Hand lever, Right



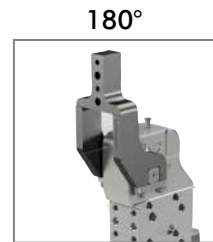
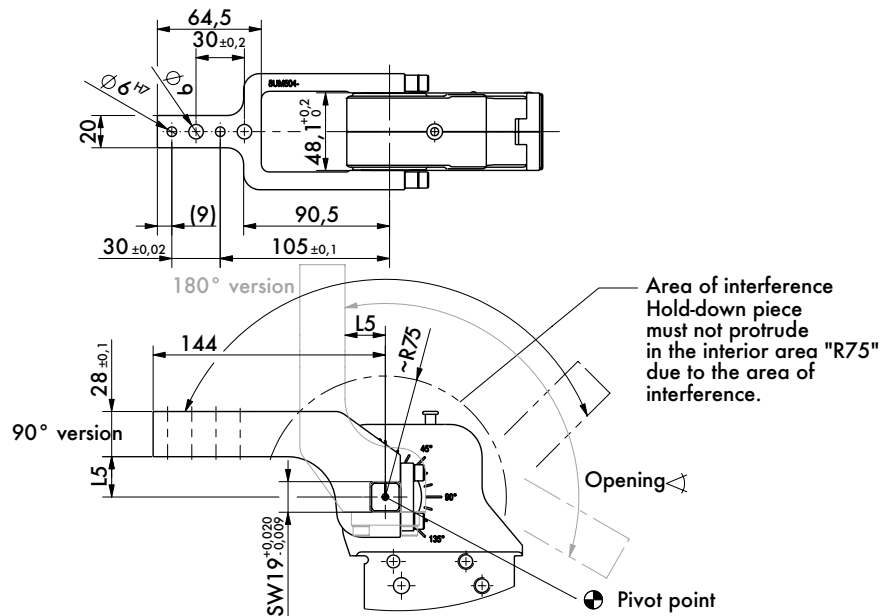
Spare parts

Specification	Base component	Order no.	Comment
Hand lever set	52H-3E...63	8KB-099-1	
Hand lever set (weldable)		8KB-103-1	
Sensor box		8EA-146-2 (L8)	Connector 180°
		8EA-147-2 (L9)	Connector 90°
		8EA-158-2 (K8)	Cable Connection

U-ARMS CENTER (ALUMINUM)

Pneumatic Power Clamps | Dimensions | Technical Specifications

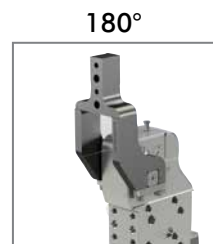
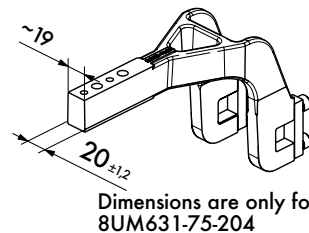
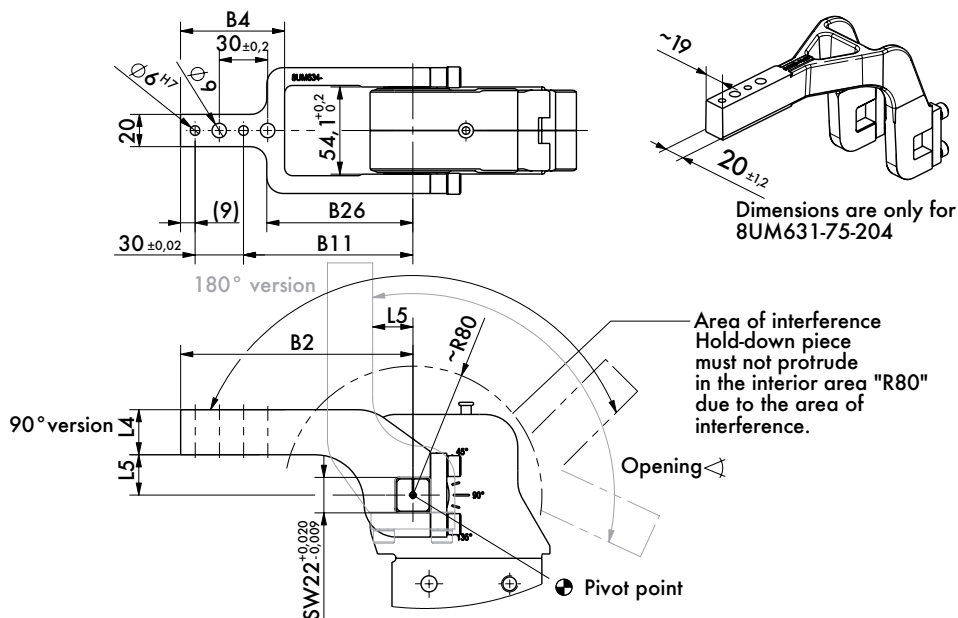
52H-3E....5... U-Arms Center (Steel)



8UM504-15-144
8UM504-25-144
8UM504-45-144

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	L5
8UM504-15-144	135°	105°	0,44	15
8UM504-25-144		120°	0,45	25
8UM504-45-144		135°	0,48	45

52H-3....6... U-Arms Center (Steel)



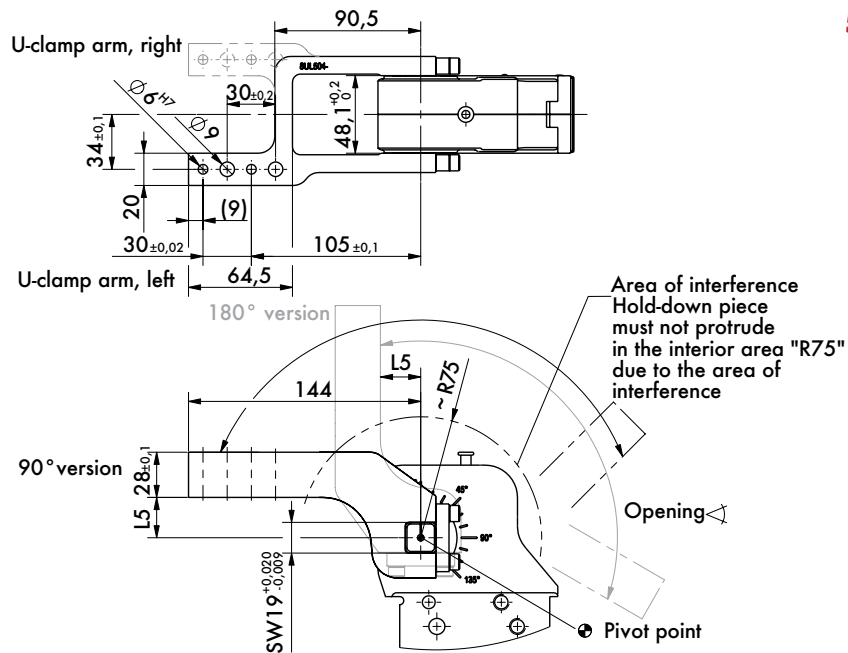
8UM634-15-144
8UM634-25-144
8UM634-45-144
8UM631-75-204**

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	B2	B4	B11 ±0,1	B26	L4 ±0,1	L5
8UM634-15-144	135°	105°	0,50	144	64,5	105	90,5	28	15
8UM634-25-144		120°	0,53						25
8UM634-45-144		135°	0,56						45
8UM631-75-204**			1,7						75

** only steel version available.

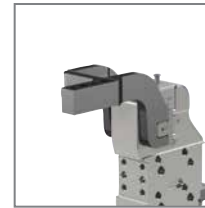
U-ARMS OFFSET (ALUMINUM)

Pneumatic Power Clamps | Dimensions | Technical Specifications



52H-3E...5... U-Arms Offset (Steel)

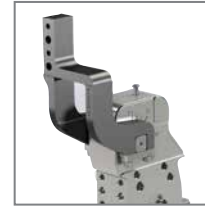
90° Left



90° Right



180° Right*



180° Left*

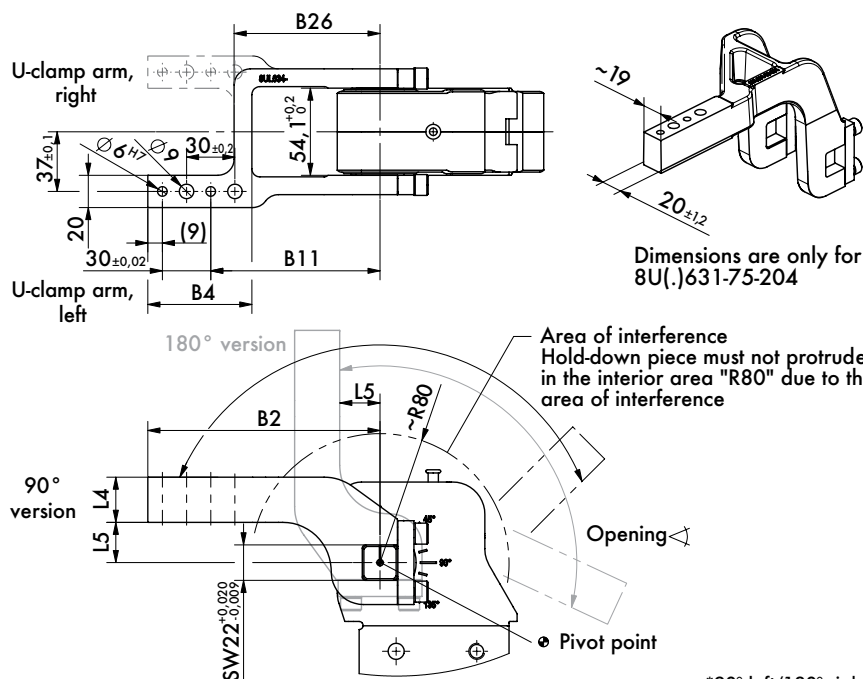


8UL504-15-144
8UL504-25-144
8UL504-45-144

8UR504-15-144
8UR504-25-144
8UR504-45-144

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

Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	L5
8U(.)504-15-144	135°	105°	0,45	15
8U(.)504-25-144		120°	0,46	25
8U(.)504-45-144		135°	0,49	45



52H-3E...6... U-Arms Offset (Steel)

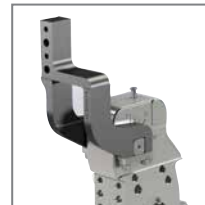
90° Left



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.

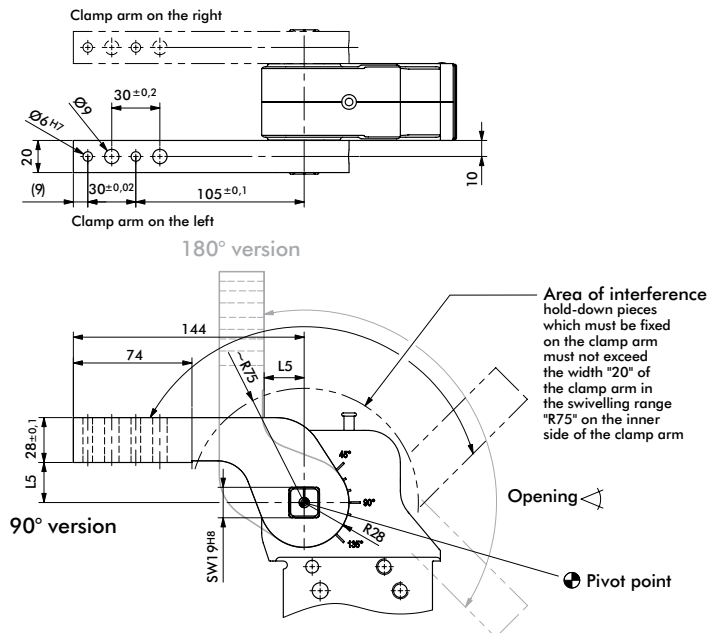
Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight	B2	B4	B11 ±0,1	B26	L4 ±0,1	L5
8U(.)634-15-144	135°	105°	0,52	144	64,5	105	90,5	28	15
8U(.)634-25-144		120°	0,54						25
8U(.)634-45-144		135°	0,58						45
8U(.)631-75-204**			1,9						75

** only steel version available.

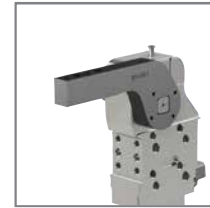
LATERAL (SIDE) ARMS

Pneumatic Power Clamps | Dimensions | Technical Specifications

52H-3E....5...



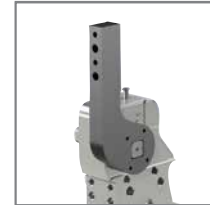
90° Left



90° Right



180° Left



180° Right

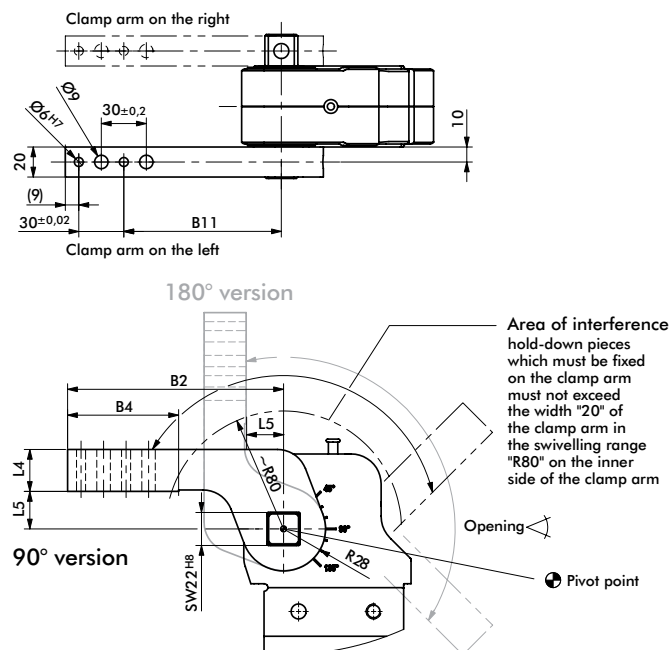


8JG-070-1-01
8S501-25-144

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

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

52H-3E....6...



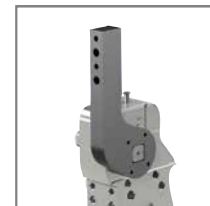
90° Left



90° Right



180° Left



180° Right



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

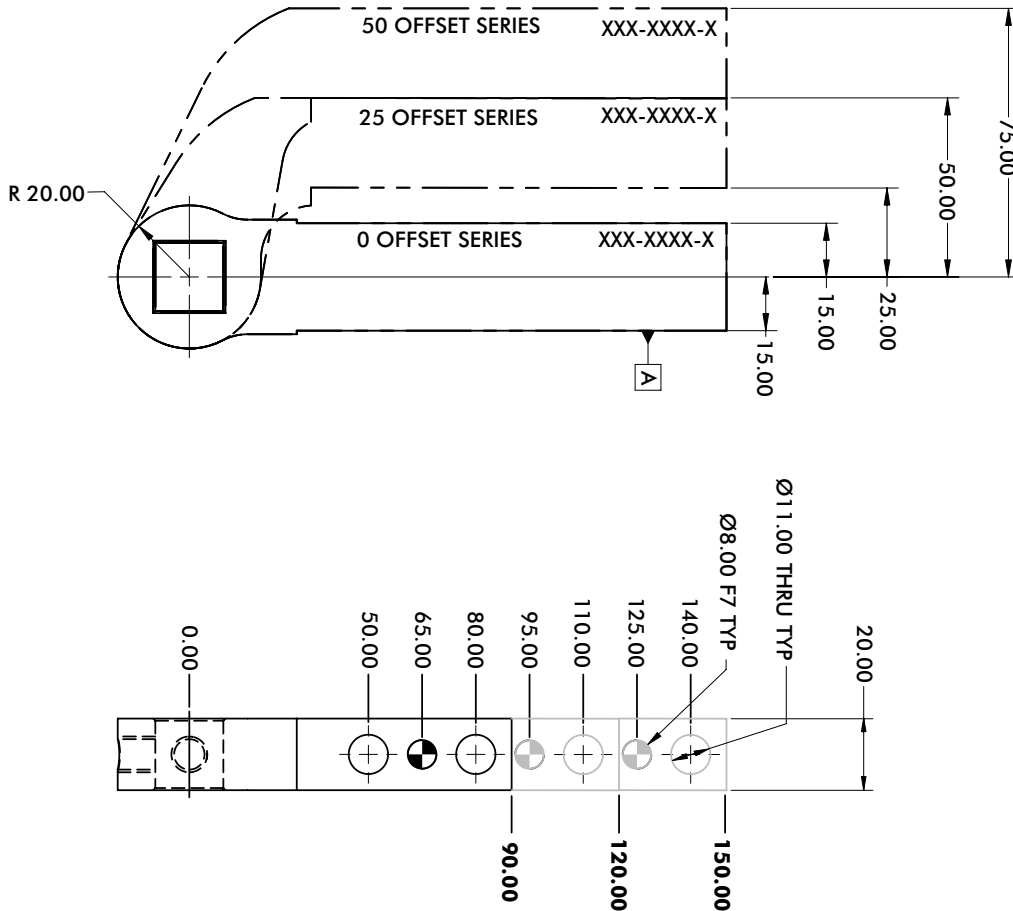
Arm Model No.	Max. Opening 90° Version	Max. Opening 180° Version	Weight (kg)	B2	B4	B11 ±0,1	L4 ±0,1	L5
8JG-080-1-01	135°	135°	0,9	144	74	105	28	15
8S631-25-144			1,0					25
8S631-45-144			1,1					45
8S631-75-204			1,5					75

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

LATERAL (SIDE) ARMS, NAAMS-STYLE

Pneumatic Power Clamps | Dimensions | Technical Specifications

52H-3E. 50mm



9mm Thru Hole (6.00 H7 Dowel)

90mm [3.54"] Arm Length			120mm [4.72"] Arm Length			150mm [5.90"] Arm Length		
Series	Arm Style	Model	Series	Arm Style	Model	Series	Arm Style	Model
50 Offset	▲ • 3256	B8JG-3256-1	50 Offset	▲ • 3257	B8JG-3257-1	50 Offset	▲ • 3258	B8JG-3258-1
25 Offset	▲ • 3246	B8JG-3246-1	25 Offset	▲ • 3247	B8JG-3247-1	25 Offset	▲ • 3248	B8JG-3248-1
0 Offset	▲ • 3236	B8JG-3236-1	0 Offset	▲ • 3237	B8JG-3237-1	0 Offset	▲ • 3238	B8JG-3238-1

11mm Thru Hole (8.00 F7 Dowel)

90mm [3.54"] Arm Length			120mm [4.72"] Arm Length			150mm [5.90"] Arm Length		
Series	Arm Style	Model	Series	Arm Style	Model	Series	Arm Style	Model
50 Offset	▲ • 1226	B8JG-1226-1	50 Offset	▲ • 1227	B8JG-1227-1	50 Offset	▲ • 1228	B8JG-1228-1
25 Offset	▲ • 1216	B8JG-1216-1	25 Offset	▲ • 1217	B8JG-1217-1	25 Offset	▲ • 1218	B8JG-1218-1
0 Offset	▲ • 1206	B8JG-1206-1	0 Offset	▲ • 1207	B8JG-1207-1	0 Offset	▲ • 1208	B8JG-1208-1

▲ Common in North America

(•) STANDARD ARM OFFERING

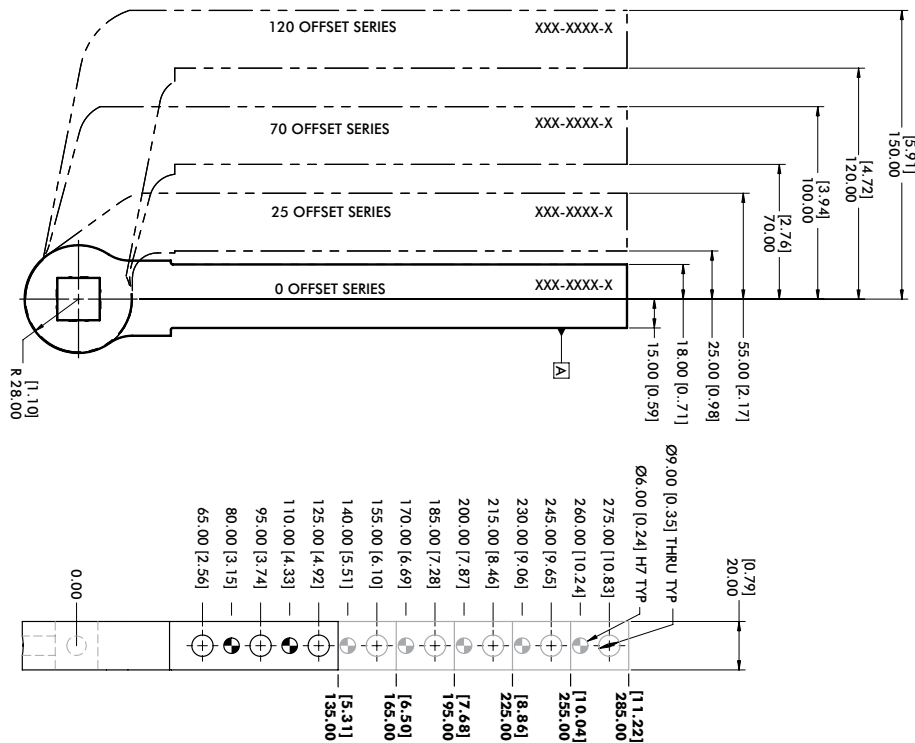
Maximum Opening Angle (shown in locked position)

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

LATERAL (SIDE) ARMS, NAAMS-STYLE

Pneumatic Power Clamps | Dimensions | Technical Specifications

52H-3E. 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

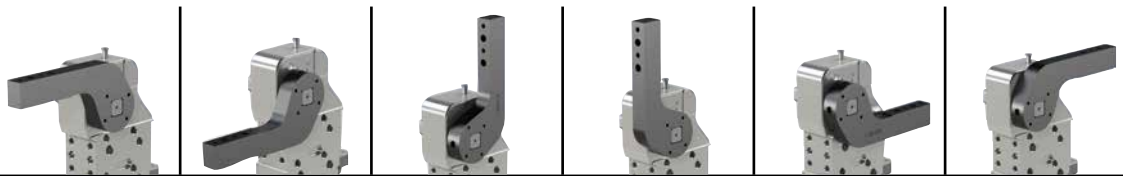
Series	Arm Style	Model
120 Offset	▲ 1548	B8JG-1548-1
70 Offset	▲ 1536	B8JG-1536-1
25 Offset	▲ 1524	B8JG-1524-1
0 Offset	▲ 1512	B8JG-1512-1

▲ Common in North America

(•) STANDARD ARM OFFERING

(i) NON-STANDARD ARM OFFERING (extended leadtimes apply)

Maximum Opening Angle (shown in locked position)

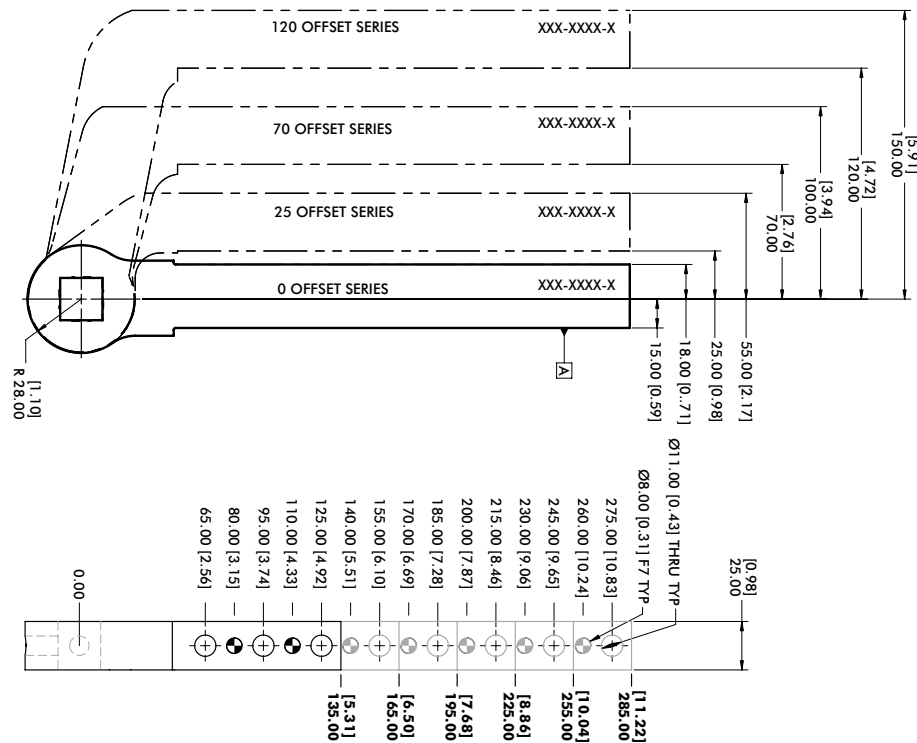


Arm Styles	135°	135°	100°	100°	N/A	N/A
1510-1512/1507-1509	135°	135°	100°	100°	N/A	N/A
1522-1524/1519-1521	135°	N/A	50°	130°	N/A	40°
1534-1536/1531-1533	115°	N/A	25°	135°	N/A	75°
1546-1548/1543-1545	110°	N/A	20°	135°	N/A	85°

LATERAL (SIDE) ARMS, NAAMS-STYLE

Pneumatic Power Clamps | Dimensions | Technical Specifications

52H-3E. 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	▲ ⓘ 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	▲ ⓘ 1045	B8JG-1045-1
70 Offset	▲ • 1033	B8JG-1033-1
25 Offset	▲ ⓘ 1021	B8JG-1021-1
0 Offset	▲ • 1009	B8JG-1009-1

225mm [8.86"] Arm Length

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

255mm [10.04"] Arm Length

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

285mm [11.22"] Arm Length

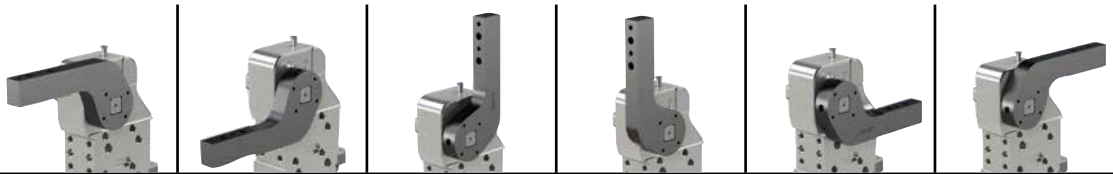
Series	Arm Style	Model
120 Offset	▲ ⓘ 1048	B8JG-1048-1
70 Offset	▲ ⓘ 1036	B8JG-1036-1
25 Offset	▲ ⓘ 1024	B8JG-1024-1
0 Offset	▲ ⓘ 1012	B8JG-1012-1

▲ Common in North America

(•) STANDARD ARM OFFERING

ⓘ 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°