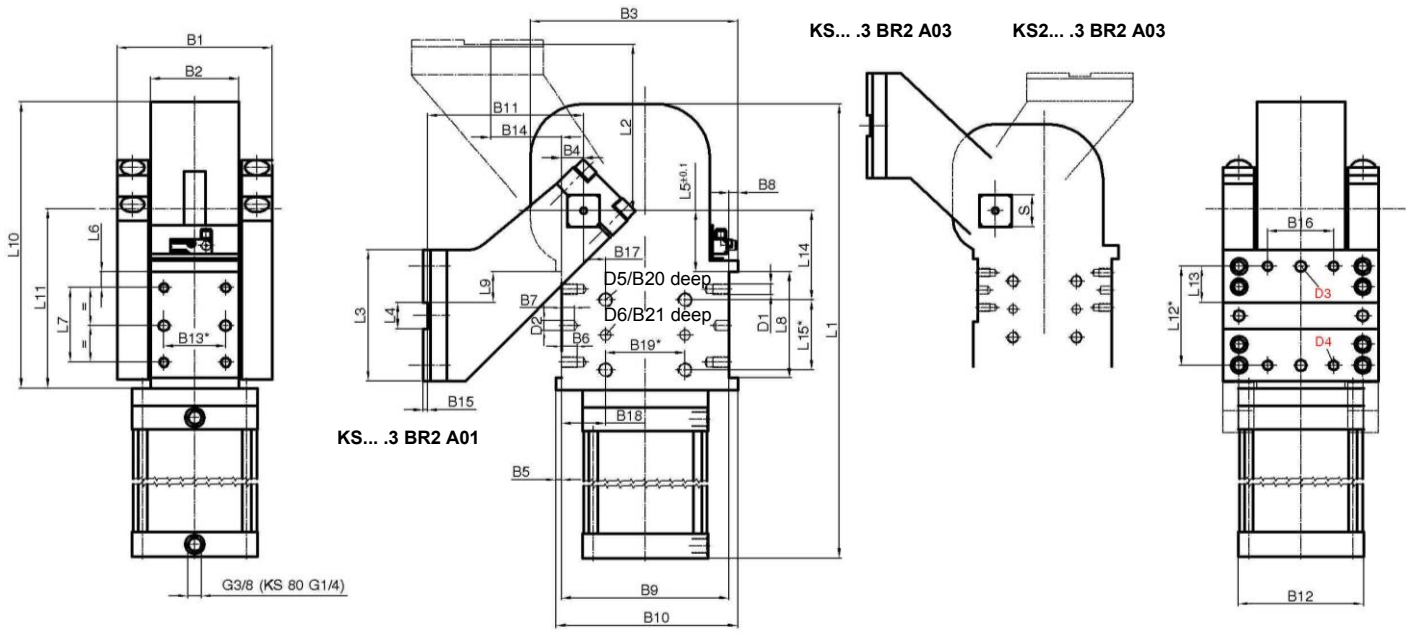
Swivel unit

for heavy duty clamping, toggle locked, with steel housing

KS… .3 BR2

KS2... .3 BR2 A01



Ordering example:

KS 125.3 BR2 A01 LH T12 75°

KS … BR2:	Type
125.3:	Piston Ø
A01:	Swivel arm version
LH:	Rear air connection
T12:	Sensing system
75°	Opening angle

Ordering example Tünkers sensing systems:

…T00	Without sensing
…T12	Inductive sensing 24 V, 1 output with integrated LED´s

Ordering example swivel arms:

…A00:	Without arm
…A01:	Standard arm
…A03:	Mirrored standard arm A01

Opening angles:

Type KS... .3 BR2 A01: max. 135°
Type KS2... .3 BR2 A01: max. 105°
Type KS… .3 BR2 A03: max. 135°
Type KS2… .3 BR2 A03: max. 60°

Holding torque = Clamping moment

Air connections:

LH	Rear air connection
LV	Front air connection
LR	Right air connection
LL	Left air connection

Size KS 80 only LH + LV!

Connection on both sides.

Attention:

External throttle check valves must be provided on assembly.

Please send the application for approval.

*Tolerance for dowel holes ± 0,02, for threaded holes ± 0,1.

Medium: Air, max. 6 bar, operation permitted with oil-free air.

Type	Clamping moment at 5 bar	Piston Ø (mm)	Cylinder: R = round F = flat	Weight ~ (kg)	B1	B2 ±0,1	B3	B4	B5	B6	B7	B8	B9 ±0,1	B10	B11
KS 80.3 BR2	1000 Nm	80	F	40	145	80	180	20	8	18	12	8	140	156	155
KS 100.3 BR2	1700 Nm	100	R	45											
KS 125.3 BR2	3000 Nm	125	R	80	176	100	235	25	10	16	12	10	190	210	190
KS 160.3 BR2	5000 Nm	160	R	90											

Type	B12	B13*	B14	B15	B16	B17 ±0,05	B18 ±0,1	B19*	B20	B21	D1	D2 H7	D3 H7	D4	D5	D6 H7
KS 80.3 BR2	140x62	50	55	5	60	10	30	85	16	10	M12	10	10	M12	M16	12
KS 100.3 BR2	110															
KS 125.3 BR2	140	70	80	5	80	20	45	100	16	12	M16	12	12	M16	M16	12
KS 160.3 BR2	180															

Type	L1 (max. 135°) ~	L2	L3	L4 ±0,1	L5 ±0,1	L6 ±0,1	L7 ±0,1	L8 +0,1	L9	L10 ~	L11 ±0,02	L12*	L13 ±0,1	L14 ±0,05	L15*	S -0,05
KS 80.3 BR2	600	155	110	30	50	15	50	80	25	280	178	90	30	85	60	35
KS 100.3 BR2	598															
KS 125.3 BR2	723	190	150	30	50	20	100	140	55	327	205	120	45	90	90	40
KS 160.3 BR2	739															