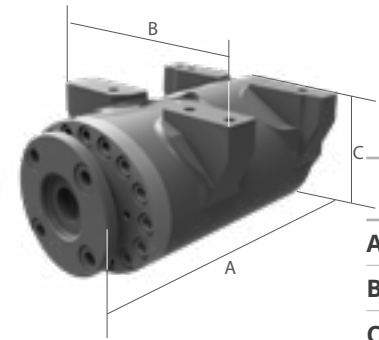




NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

TWIST KS HYDRAULIC ACTUATOR ALLOWS AN INCLINATION OF UP TO 180°, INCREASING FLEXIBILITY AND EFFICIENCY OF ALL EQUIPMENT TO SIMPLIFY THE DIGGING OPERATIONS ALSO IN PLACES DIFFICULT TO REACH. THE DESIGN IS COMPACT WITH MINIMAL HEIGHT AND LOW WEIGHT, WHILE ITS ROBUST STRUCTURE ENSURES A LONG WORKING LIFE.



		TONS * (LB)	1,0 - 2,9 (2204 - 6393)	2,5 - 5,0 (5511 - 11023)	5,0 - 7,5 (11023 - 16534)	6,0 - 10,0 (13227 - 22046)	9,0 - 14,0 (19841 - 30864)	12,0 - 19,0 (26455 - 41888)	16,0 - 23,0 (35274 - 50706)
			TWIST KS 02	TWIST KS 4.5	TWIST KS 07	TWIST KS 10	TWIST KS 14	TWIST KS 19	TWIST KS 23
	A	MM (IN)	255 (10)	325 (13)	360 (14)	450 (18)	525 (21)	570 (22)	650 (26)
	B	MM (IN)	170 (7)	165 (6)	205 (8)	205 (8)	320 (13)	350 (14)	390 (15)
	C	MM (IN)	118 (5)	136 (5)	155 (6)	175 (7)	220 (9)	235 (9)	263 (10)
	W/O COUPLER, PLATE AND QUICK COUPLER	KG (LB)	25 (55)	31 (68)	55 (121)	85 (287)	150 (331)	185 (408)	210 (463)
	TILT ANGLE	°	180	180	180	180	140	140	140
	MAX	L/MIN (GAL/MIN)	8,0 (2)	15 (4)	15,0 (4)	20,0 (5)	28,0 (7)	35,0 (9)	35,0 (9)
	MAX	BAR (PSI)	250 (3626)	250 (3626)	270 (3916)	310 (4496)	310 (4496)	310 (4496)	310 (4496)
	MAX. BREAKOUT FORCE (ISO)	KN	23	35	50	72	110	150	170

* LOAD CAPACITIES ARE GUIDELINE: CANGINI RESERVES THE RIGHT TO VERIFY PAIRINGS DEPENDING ON THE WORKING LOAD OF THE PARENT MACHINE, WHICH MUST ALSO HAVE 2 PIPELINES



STANDARD TECHNICAL FEATURES

- 1 BLOCK VALVE
- IT ENABLES TO KEEP THE POSITION DECIDED BY THE OPERATOR.

OPTIONAL

- 2 HYDRAULIC INSTALLATION KIT
- WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, (IN CASE THE MACHINE DOES NOT ALREADY HAVE A DEDICATED QUICK-COUPLER LINE) INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
AVAILABLE IN SINGLE EFFECT VERSION (A) OR IN D.E. VERSION - DOUBLE EFFECT (B)
- 3 LIFTING HOOK
- A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE TWIST.

MATCHING QUICK COUPLERS

- 4 AR Fast Lock
- 5 CR Twin Lock • CR Twin Lock D.E.
- 6 CS Schnappmatic • CS Schnappmatic D.E.
- 7 CS Schnappmatic D.E. CS 100
- 8 CM Sicurmatic • M'Lock D.E.
- 9 S Nordic System • S Nordic EVO System
- 10 PL Pin Lock • PL Pin Lock D.E.
- 11 CW Aut'o'Lock
- 12 CW Hand'o'Lock • CW Hand'o'Lock D.E.

MATCHING QUICK COUPLERS

		TONS (LB)	1,0 - 2,9 (2204 - 6393)	2,5 - 4,0 (5511 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 6,0 (11023 - 13228)	6,0 - 7,5 (13228 - 16535)	6,0 - 7,0 (13228 - 15432)	7,0 - 10,0 (15432 - 22046)
			TWIST KS 02	TWIST KS 4.5	TWIST KS 4.5	TWIST KS 07		TWIST KS 10*	
4		AR FAST LOCK MECHANICAL SEMI-AUTOMATIC	AR 15 S.A. AR 30 S.A. AR 40 S.A.	AR 40 S.A.	AR 50 S.A.	AR 50 S.A.	AR 70 S.A.	AR 70 S.A.	-
		AR FAST LOCK HYDRAULIC SINGLE EFFECT	AR 15 S.E. AR 30 S.E. AR 40 S.E.	AR 40 S.E.	AR 50 S.E.	AR 50 S.E.	AR 70 S.E.	AR 70 S.E.	-
5		CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC	CR 15 S.A. CR 30 S.A. CR 40 S.A.	CR 30 S.A. CR 40 S.A.	CR 50 S.A.	CR 50 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.
		CR TWIN LOCK HYDRAULIC SINGLE EFFECT	CR 15 S.E. CR 30 S.E. CR 40 S.E.	CR 30 S.E. CR 40 S.E.	CR 50 S.E.	CR 50 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.
		CR TWIN LOCK HYDRAULIC DOUBLE EFFECT	CR 15 D.E. CR 30 D.E. CR 40 D.E.	CR 30 D.E. CR 40 D.E.	CR 50 D.E.	CR 50 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.
6		CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC	CS 10 S.A. CS 30 S.A.	CS 30 S.A.	CS 30 S.A.	CS 30 S.A. CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.
		CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT	CS 10 S.E. CS 30 S.E.	CS 30 S.E.	CS 30 S.E.	CS 30 S.E. CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.
		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	CS 10 D.E. CS 30 D.E.	CS 30 D.E.	CS 30 D.E.	CS 30 D.E. CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.
7		CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	-	-		-	-	-	-
8		CM SICURMATIC MECHANICAL SEMI-AUTOMATIC	CM 20 S.A.		CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.
		CM SICURMATIC MECHANICAL SEMI-AUTOMATIC	CM 30 S.A.						
		M'LOCK HYDRAULIC DOUBLE EFFECT	M'LOCK 30 D.E.	M'LOCK 30 D.E.	M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 100 D.E.
9		S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC	S 30-150/180 S.A.	S 40-200 S.A.	S 40-200 S.A.	S 40-200 S.A.	-	-	-
		S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT	S 30-150/180 D.E.	S 40-200 D.E.	S 40-200 D.E.	S 40-200 D.E.	S 45 D.E. S 50 D.E.	S 45 D.E. S 50 D.E.	S 45 D.E. S 50 D.E.
10		PL PIN LOCK MECHANICAL	PL 10 PL 20	PL 40	PL 60	PL 60	PL 60	PL 60	PL 80
		PL PIN LOCK HYDRAULIC DOUBLE EFFECT	-	PL 40 D.E.	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 80 D.E.
11		CW AUTO'O'LOCK MECHANICAL SEMI-AUTOMATIC	CW 05 S.A.	CW 05 S.A.	CW 10 S.A.	CW 10 S.A.	CW 10 S.A.	CW 10 S.A.	CW 10 S.A.
12		CW HAND'O'LOCK MECHANICAL	CW 05	CW 05	CW 10	CW 10	CW 10	CW 10	CW 10
		CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	CW 05 D.E.	CW 05 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.

MATCHING QUICK COUPLERS

		TONS (LB)	9,0 - 10,0 (19842 - 22046)	10,0 - 11,0 (22046 - 24250)	11,0 - 12,0 (24251 - 26455)
			TWIST KS 14		
4		AR FAST LOCK MECHANICAL SEMI-AUTOMATIC	-	-	-
		AR FAST LOCK HYDRAULIC SINGLE EFFECT	-	-	-
5		CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.
		CR TWIN LOCK HYDRAULIC SINGLE EFFECT	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.
		CR TWIN LOCK HYDRAULIC DOUBLE EFFECT	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.
6		CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.
		CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.
		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.
7		CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	-	-	-
8		CM SICURMATIC MECHANICAL SEMI-AUTOMATIC	CM 100 S.A.	-	-
		M'LOCK HYDRAULIC DOUBLE EFFECT	M'LOCK 100 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.
9		S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC	-	-	-
		S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT	S 45 D.E. S 50 D.E.	S 45 D.E. S 50 D.E.	S 60 D.E. -
10		PL PIN LOCK MECHANICAL	PL 80	-	-
		PL PIN LOCK HYDRAULIC DOUBLE EFFECT	PL 80 D.E.	PL 100 D.E.	PL 100 D.E.
11		CW AUT'O'LOCK MECHANICAL SEMI-AUTOMATIC	CW 10 S.A.	-	-
12		CW HAND'O'LOCK MECHANICAL	CW 10	-	-
		CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	CW 10 D.E.	CW 20 D.E.	CW 20 D.E.

12,0 - 14,0 (26455 - 30865)	12,0 - 15,0 (26455 - 33069)	15,0 - 19,0 (33069 - 41888)	16,0 - 18,0 (35274 - 39683)	18,0 - 19,0 (39683 - 41888)	19,0 - 23,0 (41888 - 50706)
TWIST KS 14	TWIST KS 19		TWIST KS 23		
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	-
-	-	-	-	-	-
M'LOCK 180 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	-	-
-	-	-	-	-	-
S 60 D.E.	S 60 D.E.	S 60 D.E.	S 60 D.E.	-	-
-	-	-	-	-	-
-	-	-	-	-	-
PL 100 D.E.	PL 100 D.E.	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
CW 20 D.E.	CW 20 D.E.	CW 30 D.E.	CW 30 D.E.	CW 30 D.E.	CW 30 D.E.