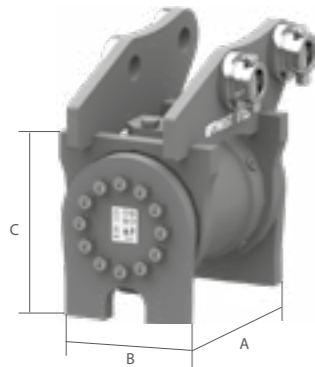




NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE BI-DIRECTIONAL HYDRAULIC ACTUATOR ENABLES TO TILT TOOLS OR QUICK COUPLERS AND TO SIMPLIFY THE DIGGING OPERATIONS ALSO IN PLACES DIFFICULT TO REACH.



TONS (LB)	1,2 - 2,0 (2646 - 5511)	1,8 - 4,0 (5511 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 9,0 (13228 - 19842)	9,0 - 11,0 (19842 - 24251)	11,0 - 16,0 (24251 - 35274)	15,0 - 23,0 (33069 - 50706)	
MOD.	TWIST 100	TWIST 115	TWIST 125	TWIST 160	TWIST 180	TWIST 240	TWIST 250	
A MM (IN)	245 (9,6)	315 (12,4)	325 (12,8)	420 (16,5)	485 (19,1)	532 (20,9)	580 (22,8)	
B MM (IN)	190 (7,5)	235 (7,4)	188 (7,4)	220 (8,6)	315 (12,4)	345 (13,6)	412 (16,2)	
C MM (IN)	203 (8,0)	215 (8,5)	265 (10,4)	290 (11,4)	345 (13,6)	400 (15,7)	420 (16,5)	
W/O COUPLER, PLATE AND QUICK COUPLER	KG (LB)	27 (60)	43 (95)	61 (135)	113 (249)	150 (331)	206 (454)	330 (729)
TILT ANGLE		178	178	178	178	180	180	180
MAX	L/MIN (GAL/MIN)	8 (2,1)	10 (2,6)	15 (3,9)	25 (6,6)	30 (7,9)	30 (7,9)	40 (10,5)
MAX	BAR (PSI)	210 (3046)	210 (3046)	210 (3046)	210 (3046)	190 (2756)	250 (3626)	250 (3626)

W/O COUPLER, PLATE AND QUICK COUPLER	KG (LB)	27 (60)	43 (95)	61 (135)	113 (249)	150 (331)	206 (454)	330 (729)
TILT ANGLE		178	178	178	178	180	180	180
MAX	L/MIN (GAL/MIN)	8 (2,1)	10 (2,6)	15 (3,9)	25 (6,6)	30 (7,9)	30 (7,9)	40 (10,5)
MAX	BAR (PSI)	210 (3046)	210 (3046)	210 (3046)	210 (3046)	190 (2756)	250 (3626)	250 (3626)



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, 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 M'LOCK SA-M'LOCK DE
- 9 S Nordic System • S Nordic System D.E.
- 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.

NB* THE LIFTING CAPACITY OF THE HOOK IS ADJUSTED ACCORDING TO THE SUPPORT TO WHICH THE HOOK IS APPLIED

MATCHING QUICK COUPLERS



		TONS (LB)	1,2 - 2,0 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)		4,0 - 5,0 (8818 - 11023)	5,0 - 6,0 (11023 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 9,0 (16535 - 19842)	9,0 - 10,0 (19842 - 22046)	10,0 - 12,0 (22046 - 26456)	11,0 - 16,0 (24251 - 35274)	15,0 - 23,0 (33069 - 50706)
			TWIST 100	TWIST 115	TWIST 115		TWIST 125	TWIST 125	TWIST 160	TWIST 160	TWIST 180	TWIST 180	TWIST 240	TWIST 250
4	AR FAST LOCK MECHANICAL SEMI-AUTOMATIC		AR 15 S.A.	AR 30 S.A.	AR 40 S.A.		AR 50 S.A.	AR 50 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 50 S.E.	AR 50 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 50 S.A.	CR 50 S.A.	CR 70 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 50 S.E.	CR 50 S.E.	CR 70 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 50 D.E.	CR 50 D.E.	CR 70 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 10 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 80 S.A.	-	-
	CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT		CS 10 S.E.	CS 10 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 80 S.E.	-	-
	CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT		CS 10 D.E.	CS 10 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.	CS 80 D.E.	-	-
7	CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT		-	-	-		-	-	-	-	-	-	CS 100 D.E.	CS 100 D.E.*
8	M'LOCK MECHANICAL SEMI-AUTOMATIC		M'LOCK 30 S.A.	M'LOCK 30 S.A.	M'LOCK 30 S.A.		M'LOCK 100 S.A.	M'LOCK100 S.A.	M'LOCK 100 S.A.	M'LOCK 100 S.A.	M'LOCK100 S.A.	-	-	-
	M'LOCK HYDRAULIC DOUBLE EFFECT		M'LOCK 30 D.E.	M'LOCK 30 D.E.	M'LOCK30 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.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	M'LOCK 180
9	S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC		S 30-150/180 S.A.	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 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 45 D.E.	S 45 D.E.	S 45 D.E.	S 60 D.E.	S 60 D.E.*
10	PL PIN LOCK MECHANICAL		PL 10	PL 20	PL 40		PL 60	PL 60	PL 60	PL 80	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 80 D.E.	PL 80 D.E.	PL 100 D.E.	PL 100 D.E.	-
11	CW AUTO'LOCK MECHANICAL SEMI-AUTOMATIC		CW 05 S.A.	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 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 05 D.E.		CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 20S D.E.	CW 20S D.E.	CW 30S D.E.

* MAX 18,00 TON