



Part No.	Stroke mm inch	C	L ±0.4 ±0.015
CX.090.009.TB2	9.5 .375	67 2.638	76.5 3.013
CX.090.022.TB2	22.5 .887	80 3.150	102.5 4.037
CX.090.034.TB2	34.5 1.360	92 3.622	126.5 4.982
CX.090.050.TB2	51 2.009	108.5 4.272	159.5 6.281
CX.090.067.TB2	67.5 2.659	125 4.921	192.5 7.580
CX.090.087.TB2	87.5 3.446	145 5.709	232.5 9.155
CX.090.112.TB2	112.5 4.430	170 6.693	282.5 11.123

Force Chart	Initial lb. daN	Final lb. daN	Pressure psi bar
Yellow - YW	200 89	256 114	2560 177
Red - RD	150 67	192 85	1920 132
Blue - BU	100 44	128 57	1280 88
Green - GR	50 22	64 28	640 44
Purple - PR	20 9	26 12	260 18
Orange - OR	10 5	13 6	130 9
Black - BK	See Charts		

Force on Contact – Adjustable Black Model

Imperial

Pressure (psi)	Force (lb.-f)
2560	200
2200	172
2000	156
1750	137
1500	117
1000	78
500	39

$P = F \div .078$ $F = P \times .078$

Metric

Pressure (bar)	Force (daN)
177	89
150	75
125	63
100	50
75	38
50	25
35	17

$P = F \div 0.50$ $F = P \times 0.50$

Ordering Example:

CX.090.009.TB2.GR

Part Number:

Includes Series, Model and Stroke Length

Mount Option:

TB2 = M24 x 1.5

Force:

YW, RD, BU, GR, PR, OR

BK – Black adjustable model - specify pressure:

34 – 177 bar (500 – 2560 psi).

Adjustable Model Ordering Example:

CX.090.009.TB2.BK.150