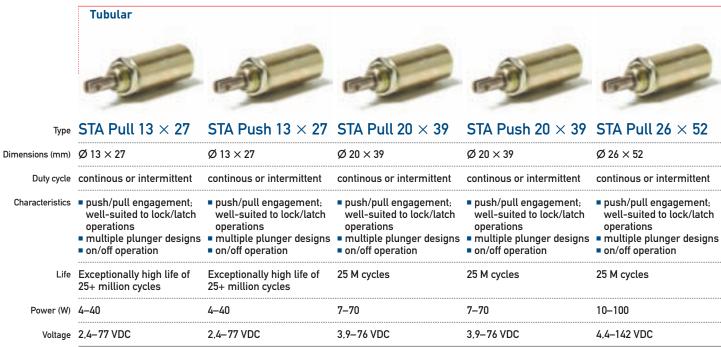
	Rotary Solenoids				
	Rotary Solenoids				
Туре	3B	3E	4E	5B	5S
)imensions (mm)	Ø 33 × 22	Ø 33 × 20	Ø 40 × 24	Ø 48 × 26	Ø 48 × 27
Duty cycle	continuous or intermittent	continuous or intermittent	continuous or intermittent	continuous or intermittent	continuous or intermitten
Characteristics	 "Snap" acting engagement maximum versatility on/off operation 	 "Snap" acting engagement maximum versatility on/off operation 	 "Snap" acting engagement maximum versatility on/off operation 	 "Snap" acting engagement maximum versatility on/off operation 	 "Snap" acting engagement maximum versatility on/off operation
Life	1 M cycles				
Power (W)	10–200	9–180	12.5–250	21–420	21–420
Voltage	2.6-123 VDC	2.6-118 VDC	4.3–187 VDC	6.1-273 VDC	6.1-271 VDC

Rotary Solenoids

Туре	Rotary Solenoids	75
Іуре		
Dimensions (mm)		Ø 70 × 45
Duty cycle	continuous or intermittent	continuous or intermittent
	on/off operation	 "Snap" acting engagement maximum versatility on/off operation
Life	1 M cycles	1 M cycles
Power (W)		35–700
Voltage	10.3-469 VDC	16.3-463 VDC

	Soft Shift®				
	5	-			-
Туре	2EPM	3EPM	4EPM	5EPM	6EPM
Dimensions (mm)	Ø 29 × 25	Ø 33 × 31	Ø 40 × 37	Ø 48 × 49	Ø 48 ×49
Duty cycle	continuous or intermittent				
Characteristics	 quiet operation with 3-5 time the starting force of standard solenoids slow, smooth motion snap action closed loop velocity and position control 	 quiet operation with 3-5 time the starting force of standard solenoids slow, smooth motion snap action closed loop velocity and position control 	 quiet operation with 3-5 time the starting force of standard solenoids slow, smooth motion snap action closed loop velocity and position control 	 quiet operation with 3-5 time the starting force of standard solenoids slow, smooth motion snap action closed loop velocity and position control 	 quiet operation with 3-5 time the starting force of standard solenoids slow, smooth motion snap action closed loop velocity and position control
Life	1 M cycles				
Power (W)	7–70	9–90	12,5–125	21–210	32–320
Voltage	2,2–91 VDC	2,6-83 VDC	4,3–132 VDC	7,2–226 VDC	12,3–394 VDC

Linear Solenoids



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	u	IJ	u	ιa		



STA 150M Pull





Туре	STA Push 26 \times 52		STA 150M Pull	OECM	1ECM
Dimensions (mm)	Ø 26 $ imes$ 52	Ø 32 $ imes$ 57	Ø 38 × 63	Ø 19 × 13	$Ø 25 \times 14$
Duty cycle	continous or intermittent	continous or intermittent	continous or intermittent	continuous or intermittent	continuous or intermittent
Characteristics	 push/pull engagement: well-suited to lock/latch operations multiple plunger designs on/off operation 	 push/pull engagement: well-suited to lock/latch operations multiple plunger designs on/off operation 		 push/pull engagement: well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement: well-suited to lock/latch operations high force short stroke applications on/off operation
Life	25 M cycles	1 M cycles	1 M cycles	5 M cycles	5 M cycles
Power (W)	10–100	13–130	17–170	4,5-45	5-50
Voltage	4,4–142 VDC	6,8–218 VDC	9,8–315 VDC	1,6-78 VDC	2,1-83 VDC

Linear Solenoids

Low Profile		100	100	
-	-	-	-	-
2EFM	2ECM	3EFM	3ECM	4EFM
Ø 29 × 15	Ø 29 × 15	Ø 33 × 18	Ø 33 × 18	Ø 40 × 21
continuous or intermittent	continuous or intermittent	continuous or intermittent	continuous or intermittent	continuous or intermittent
 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation
5 M cycles	5 M cycles	5 M cycles	5 M cycles	5 M cycles
7–70	7–70	9–90	9–90	12,5–125
2,2-56 VDC	2,2-56 VDC	2,6-83 VDC	2,6-83 VDC	4,3-132 VDC
	2EFM Ø 29 × 15 continuous or intermittent • push/pull engagement; well-suited to lock/latch operations • high force • short stroke applications • on/off operation 5 M cycles 7–70	2EFMØ 29 × 15Ø 29 × 15Ø 29 × 15continuous or intermittentØ 29 × 15continuous or intermittentcontinuous or intermittent• push/pull engagement; well-suited to lock/latch operations• push/pull engagement; well-suited to lock/latch operations• high force• high force • short stroke applications • on/off operation5 M cycles5 M cycles7-707-70	$2EFM$ $\sqrt{29 \times 15}$ $\sqrt{9} 29 \times 15$ $\sqrt{9} 33 \times 18$ $0 29 \times 15$ $\sqrt{9} 29 \times 15$ $\sqrt{9} 33 \times 18$ $continuous or intermittentcontinuous or intermittentcontinuous or intermittent0 ush/pull engagement:well-suited to lock/latchoperations0 ush/pull engagement:well-suited to lock/latchoperations0 ush/pull engagement:well-suited to lock/latchoperations0 high force0 ush(force)0 u$	2EFM2ECM3EFM3ECMØ 29 × 15Ø 29 × 15Ø 33 × 18Ø 33 × 18continuous or intermittentcontinuous or intermittentcontinuous or intermittentØ 33 × 18continuous or intermittentcontinuous or intermittentcontinuous or intermittentcontinuous or intermittent• push/pull engagement: well-suited to lock/latch operations• push/pull engagement: well-suited to lock/latch operations• push/pull engagement: well-suited to lock/latch operations• push/pull engagement: well-suited to lock/latch operations• push/pull engagement: operations• push/pull engagement: well-suited to lock/latch operations• push/pull engagement: well-suited to lock/latch operations5 M cycles5 M cycles5 M cycles5 M cycles5 M cycles7-707-709-909-90

	Low Profile	-	-	-	-
Туре	4ECM	5SFM	5ECM	6SFM	6ECM
Dimensions (mm)	Ø 40 × 21	Ø 48 × 22	Ø 48 × 26	Ø 57 × 29	Ø 57 × 34
Duty cycle	continuous or intermittent				
Characteristics	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation 	 push/pull engagement; well-suited to lock/latch operations high force short stroke applications on/off operation
Life	5 M cycles	5 M cycles	5 M cycles	5 M cycles	1 M cycles
Power (W)	12,5–125	21–210	21–210	32-320	32-320
Voltage	4,3–132 VDC	6,1-192 VDC	7,2-226 VDC	10,3-331 VDC	12,3-394 VDC

	Open Frame, DC Ope	Open Frame, DC Operation					
					a :		
Туре	B-75M	B-4HDM	B-11M	B-16M	B-17M		
Dimensions (mm)	29 × 28 × 41,5	$41 \times 37 \times 55$	$30 \times 24 \times 47$	13 × 10 × 34	13 × 15 × 24		
Duty cycle	continuous or intermittent						
Nominal Stroke	12 mm	25,4 mm	20,3 mm	3,8 mm	4,6 mm		
Characteristics	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent 	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent 	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent 	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent 	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent 		
	on/off operation						
Typical Force (N)							

Linear Solenoids

Open Frame, DC Operation



Туре	B-22M	B-41M
Dimensions (mm)	$37 \times 33 \times 41$	44 × 51.5 × 77.5
Duty cycle	continuous or intermittent	
Nominal Stroke		25.4 mm
Characteristics	continuous or intermittenton/off operation	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent on/off operation
Typical Force (N)	9,8 N (@25% duty cycle / 100% Voltage maximum stroke)	44,5 N (@25% duty cycle / 100% Voltage maximum stroke)
Life	1 M cycles	1 M cycles

	Open Frame, DC Oper	ration			
Туре	C-8M	C-9M	C-15M	C-26M	C-33M
Dimensions (mm)	21 × 19 × 29	41 imes 35 imes 27	28 imes 27 imes 29	$29 \times 22 \times 44$	29 × 33 × 34
Duty cycle	continuous or intermittent				
Nominal Stroke	12,7 mm	12,7 mm	12,7 mm	19 mm	12,7 mm
Characteristics	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent on/off operation 	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent on/off operation 	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent on/off operation 	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent on/off operation 	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent on/off operation
Typical Force (N)	1,1 N (@25% duty cycle / 100% Voltage maximum stroke)	4.4 N (@25% duty cycle / 100% Voltage maximum stroke)	2,7 N (@25% duty cycle / 100% Voltage maximum stroke)	2,2 N (@25% duty cycle / 100% Voltage maximum stroke)	4,9 N (@25% duty cycle / 100% Voltage maximum stroke)
Life	1 M cycles				

Linear Solenoids

Open Frame, DC Operation



туре С-34М

Dimensions (mm)	m) $37 \times 33 \times 42$	
Duty cycle	cle continuous or intermittent	
Nominal Stroke		
Characteristics	 pull-in engagement (push types available): well-suited to lock/latch operations DC activated continuous or intermittent on/off operation 	
Typical Force (N)	N) 4.4 N (@25% duty cycle / 100% Voltage maximum stroke)	
Life	ife 1 M cycles	