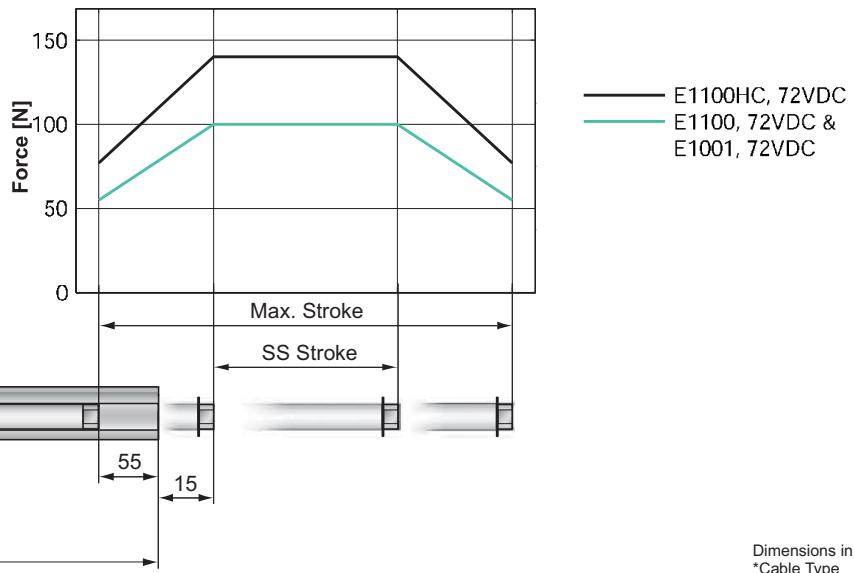


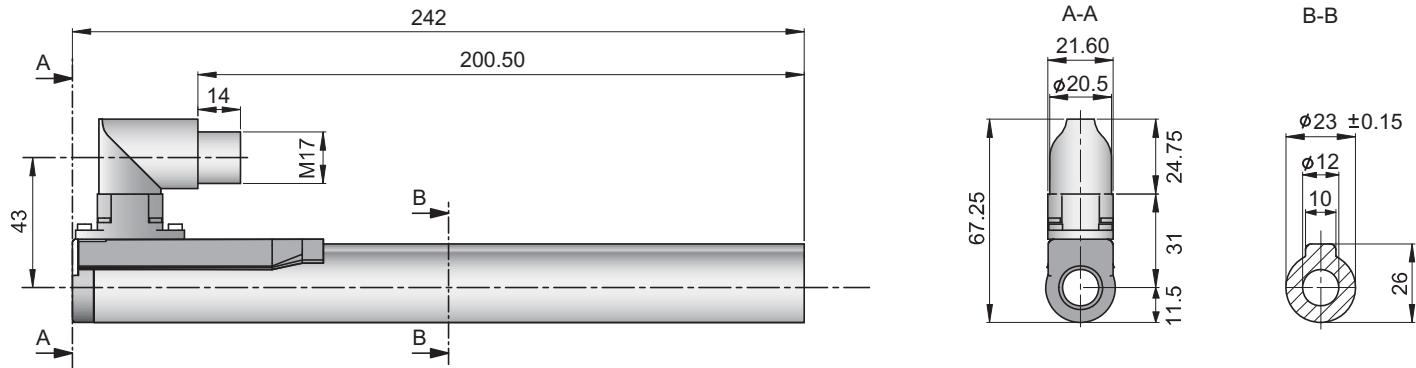
Peak Force: 137N
Max. Stroke: 160/200/220
 280/350/410
 510/690/780



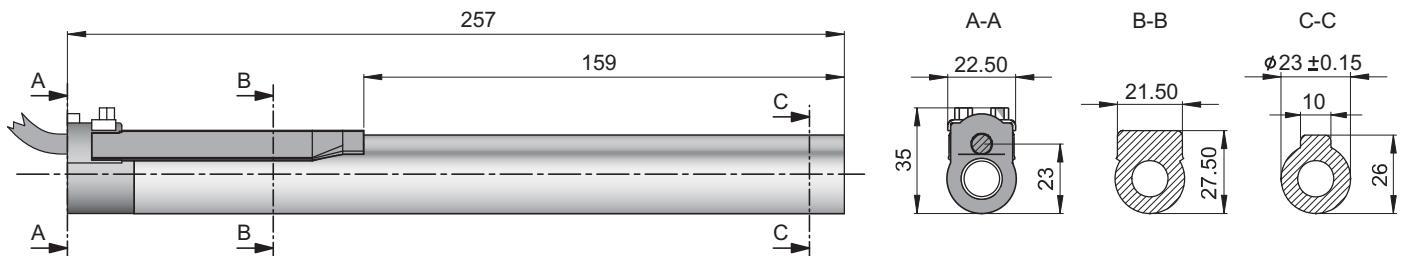
Motor Specification

		Connector Type								Cable Type							
P01-		23x160H-HP-R								23x160H-HP-R20							
Extended Stroke ES	mm (in)		160	200	220	280	350	410	510	690	780						
Standard Stroke SS	mm (in)		20	60	80	140	210	270	370	550	640						
Peak Force E1100 - HC	N (lbf)									137 (30.8)							
Peak Force E1100 / E1001	N (lbf)									100 (22.5)							
Cont. Force	N (lbf)									31 (7.0)							
Cont. Force Fan cooling	N (lbf)									48 (10.7)							
Border Force	%									56							
Force Constant	N/A (lbf/A)									12.5 (2.81)							
Max. Current @ 72VDC	A									11							
Max. Current @ 48VDC	A									10							
Max. Velocity @ 72VDC	m/s (in/s)									5.3 (208)							
Max. Velocity @ 48VDC	m/s (in/s)									3.5 (138)							
Phase Resist. 25/80 °C	Ohm									3.8/5.1							
Phase Inductance	mH									0.54							
Thermal Resistance	°K/W									2.7							
Thermal Time Const.	sec									1300							
Stator Diameter	mm (in)									23 (0.91)							
Stator Length	mm (in)									242/257* (9.53/10.12*)							
Stator Mass	g (lb)									450 (0.99)							
Slider Diameter	mm (in)									12 (0.47)							
Slider Length	mm (in)		230	270	290	350	420	480	580	760	850						
Slider Mass	g (lb)		175	210	230	280	340	390	475	625	700						
Position Repeatability	mm (in)									±0.05 (±0.0020)							
Linearity	%									±0.1							
Repeatability with EPS	mm (in)									±0.01 (±0.0004)							
Linearity with EPS	mm (in)									±0.01 (±0.0004)							

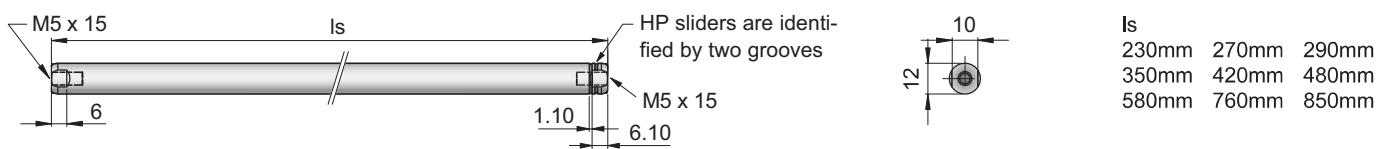
PS01-23x160H-HP-R



PS01-23x160H-HP-R20



PL01-12x.../...-HP



Linear Motor		Stator		Slider	
Type	Art. Nr.	Type	Art. No.	Type	Art No.
P01-23x160H/20x160-HP	-->			& PL01-12x230/190-HP	0150-1519
P01-23x160H/60x200-HP	-->			& PL01-12x270/230-HP	0150-1520
P01-23x160H/80x220-HP	-->			& PL01-12x290/250-HP	0150-1521
P01-23x160H/140x280-HP	-->	PS01-23x160H-HP-R	0150-1254	& PL01-12x350/310-HP	0150-1522
P01-23x160H/210x350-HP	-->	PS01-23x160H-HP-R20	0150-1255	& PL01-12x420/380-HP	0150-1523
P01-23x160H/270x410-HP	-->			& PL01-12x480/440-HP	0150-1524
P01-23x160H/370x510-HP	-->			& PL01-12x580/540-HP	0150-1525
P01-23x160H/550x690-HP	-->			& PL01-12x760/720-HP	0150-1526
P01-23x160H/640x780-HP	-->			& PL01-12x850/810-HP	0150-1527

Connectors

Motor Connector Wiring		
Cable Length: P01-23x160...-HP-R20 0.2m		
Ph 1+	red	1
Ph 1-	pink	2
Ph 2+	blue	3
Ph 2-	gray	4
+5VDC	white	A
GND	inner Shield	B
Sine	yellow	C
Cosine	green	D
Temp.	black	E
Shield	outer Shield	Case

Accessoires

