

FORMAT : SHAnnPxxMxx-xxxx-mm-mmmn-xmx-mmmn-xmm-mm-Lxxxx
0000000000-0000-00-0000-111-1111-111-11-11111
11122333444-5555-67-8899-012-3344-566-77-88888

Field 01
Product Family
SHA = Hybrid Linear Actuator

Field 02
Frame Size
10 = 1.00in BORE
15 = 1.50in BORE
20 = 2.00in BORE
25 = 2.50in BORE
32 = 3.25in BORE
40 = 4.00in BORE
50 = 5.00in BORE
60 = 6.00in BORE
80 = 8.00in BORE

Field 03
Pump
P02 = 0.24 CC/REV
P05 = 0.56 CC/REV
P07 = 0.92 CC/REV
P11 = 1.48 CC/REV
P13 = 2.28 CC/REV
P21 = 2.60 CC/REV
P23 = 3.12 CC/REV
P27 = 4.16 CC/REV
P31 = 5.85 CC/REV
P34 = 7.54 CC/REV
P36 = 9.88 CC/REV

Field 04
Motor Adapter
M0Z

Field 05
Stroke
Stroke in millimeters

Field 06
Rod End
A = Spherical Ball Joint
B = Threaded Male, Standard
C = Threaded Male, SI
D = Threaded Female, Standard
E = Threaded Female, SI
F = Clevis
G = Rod Eye
P = Parker Style 55

Field 07
Actuator Mounting
F = Clevis, 0 Degrees
G = Clevis, 90 Degrees
Q = Rear Eye Bracket, 0 Degrees
R = Rear Eye Bracket, 90 Degrees
S = Front Flange
T = Rear Flange
U = End Feet
W = Side Feet
X = Front Trunnion
Y = Mid Trunnion
V = Rear Trunnion

Field 08
SHA Configuration
AP = Attached PU
DP = Detached PU

Field 09
Power Unit Orientation
PL = Parallel Standard
PS = Parallel Spacer
9C = 90 Centered
PI = Parallel Inverted
IN = Inline
9B = 90 Behind PU

Field 10
Holding Valve(s)
1 = None
2 = Retract CV
3 = Retract CB
4 = Retract Solenoid
5 = Extend CV
6 = Extend & Retract CV
7 = Extend CV ; Retract CB
8 = Extend CV ; Retract Solenoid
9 = Extend CB
A = Extend CB ; Retract CV
B = Extend & Retract CB
C = Extend CB ; Retract Solenoid
D = Extend Solenoid
E = Extend Solenoid ; Retract CV
F = Extend Solenoid ; Retract CB
G = Extend & Retract Solenoid

Field 11
Position Feedback
A = None
H = Externally Mounted Linear Transducer, SSI
M = Externally Mounted Linear Transducer, Analog
J = Internally Mounted Linear Transducer, SSI
I = Internally Mounted Linear Transducer, Analog
N = Externally Mounted Linear Encoder, TTL
L = Externally Mounted Limit Switches, Discrete

Field 12
Force Feedback
1 = No Pressure Sensor
2 = Extend Pressure Sensor
3 = Retract Pressure Sensor
4 = Extend & Retract Pressure Sensor
5 = Load Cell (Customer Supplied)

Field 13
Motor
0Z = Motor Excluded
xZ = Custom Motor

Field 14
Drive
0Z = Servo Drive Excluded
1Z = Custom Servo Drive

Field 15
Fieldbus

Field 16
Control

Field 17
Control
EX = Excluded

Field 18
Customization
xxxx = unique alpha numeric code