

HercuLine™ 11280A Actuators

Model Selection Guide

Instructions

- Select the desired key number. The arrow to the right marks the selection available.
- Make the desired selections from Tables I thru VII using the column below the arrow.
A dot (•) denotes unrestricted availability.

Key Number I II III IV V VI VII VIII
 [] - [] - [] - [] - [] - [] - [] - [] - []

KEY NUMBER - Electronics

Output Torque lb. - ft. (N - M)		Selection	Availability	
425 (575)	(Note 1)	011284A	↓	
850 (1150)	(Note 1)	011285A	↓	
1500 (2025)		011286A	↓	
2500 (3400)		011288A	↓	
4000 (5425)		011289A	↓	
5500 (7450)		011287A		↓

TABLE I - POWER SUPPLY

Single Phase	100 - 120 Vac; 50/60Hz	1	a	
	200 - 240 Vac; 50/60Hz	2	a	
Three Phase	200 - 240 Vac; 50/60Hz	4	•	•
	380 - 480 Vac; 50/60Hz	5	•	•
	575 Vac, 60 Hz	6	•	•

TABLE II - STROKE SPEED

Stroke Speed @ 60 Hz	10 sec/90 degrees	1	•	
	30 sec/90 degrees	2	•	•
	60 sec/90 degrees	3	•	•

TABLE III - MOTOR ORIENTATION (See specification 62-86-03-09 for diagrams)

Motor Orientation	Right-hand floor configuration, H.W. Shaft Horizontal (121F)	01	•	•
	Left-hand floor configuration, H.W. Shaft Horizontal (124F)	03	•	•

TABLE IV - CONTROL SIGNAL INPUTS

Up/Dn	Drive Up/Dn 3-wire input	0	•	•
4-20mAcd/1-5Vdc	4-20mAcd or 1-5Vdc (w/resistor change)	1	•	•

TABLE V - CUSTOMER POSITION OUTPUTS

None	No position outputs provided	00	•	•
SEC (Note 2)	One slidewire emulation output	01	•	•
Analogue Output	4-20mAcd, 0-20mAcd, 0-5Vdc, 1-5Vdc or 0-1.25Vdc	03	•	•

01128__

TABLE VI - CONTACT OUTPUTS

		Selection	4A	5A	6A	8A	9A	7A
Limit Switches	1 CW & 1 CCW Limit Switch	0	•	•				
Limit/Auxiliary Switches	1 CW, 1CCW, & 2 Auxiliary SPDT Switches	2	•	•	•	•	•	•
Limit/Auto-Manual	1 CW, 1CCW, Auto/Man Switch	5	•	•	•	•	•	•
Limit/Auto/Auxiliary	1 CW, 1CCW, Auto/Man Switch & 2 Aux	7	•	•	•	•	•	•

TABLE VII - OPTIONS

Crank Arm	Adjustable 8" to 14" Radii - Standard	0_____	•	•
Linkage Kit	None	_ 0 _____	•	•
	Up to 20 ft. length - customer supplies schedule 40 pipe	_ 1 _____	•	•
Future Option		__ 0 ____	•	•
Future Option		__ _ 0 _	•	•
Tagging	None	_____ 0 _	•	•
	Linen (Note 3)	_____ 1 _	•	•
	Stainless Steel (Note 3)	_____ 2 _	•	•
Certificates	None	_____ 0	•	•
	Certificate of Compliance	_____ 1	•	•

TABLE VIII - FACTORY OPTIONS

Future	None	00		
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RESTRICTIONS

Restriction		Available Only With	Not Available With	
Letter	Table	Selection	Table	Selection
a	I	11284A, 11285A, 11286A	I	11287A, 11288A, 11289A

Note 1: Requires (2) adapters PN 51204694-501 for retrofit of existing Leeds & Northrup 011284 and 011285 actuators.

Note 2: Slidewire emulation is a solid state circuit providing a ratiometric voltage output proportional to shaft position.

Note 3: Customer must supply tagging information: Up to 3 lines (22 characters for each line)