



*specifications subject to change without notice		HPPEL-01-BS2	HPPEL-02-BS2	HPPEL-04-BS2	HPPEL-08-BS1	HPPEL-10-BS1
ITEM						
Pressing Capacity	Range (Lbs.)	225 (Lbs.) - 2,000 (Lbs.)	250 (Lbs.) - 4,000 (Lbs.)	500 (Lbs.) - 8,000 (Lbs.)	1,000 (Lbs.) - 16,000 (Lbs.)	1,250 (Lbs.) - 20,000 (Lbs.)
	Range (kN)	1 (kN) - 8.9 (kN)	1.1 (kN) - 17.8 (kN)	2.2 (kN) - 35.6 (kN)	3.8 (kN) - 71.2 (kN)	5.6 (kN) - 89.0 (kN)
	Load Cell Safe Overload (Ultimate)	150% F.S. (200%)	150% F.S. (200%)	150% F.S. (200%)	150% F.S. (200%)	150% F.S. (200%)
Ram Stroke	Standard Length	8.00"	8.00"	8.00"	8.00"	8.00"
	Long-Stroke Length (2" Increments if other)	14.00"	14.00"	14.00"	14.00"	14.00"
	Stroke Sensing Increments	0.001"	0.001"	0.001"	0.001"	0.001"
Ram Speeds	Descending - Ascending	16.4 in/sec	7.7 in/sec	13.8 in/sec	7.3 in/sec	6.4 in/sec
	Pressing	1.15 in/sec	1.30 in/sec	1.4 in/sec	1.25 in/sec	1.25 in/sec
	Increments	0.0005 in/sec	0.0005 in/sec	0.0005 in/sec	0.0005 in/sec	0.0005 in/sec
Motor	Model # (Standard)	115U3E300	115U3E300	190U3E300	190U3F300	190U3F300
	Model # (Brake)	115U3E305	115U3E305	190U3E305	190U3F305	190U3F305
	Rated RPM (MAX)	3,000	3,000	2,000	2,000	2,000
	Inertia	13.8 (kgcm ²)	13.8 (kgcm ²)	105 (kgcm ²)	121.1 (kgcm ²)	121.1 (kgcm ²)
	Rated Power @; 2,000-3,000-4,000	2.93 (kW) - 3.96 (kW) - 3.64 (kW)	2.93 (kW) - 3.96 (kW) - 3.64 (kW)	9.2 (kW) - 10.7 (kW) - NA	10.6 (kW) - 11.0 (kW) - NA	10.6 (kW) - 11.0 (kW) - NA
Encoder: Incremental is Standard	Incremental (CA) Absolute (EC)	Incremental (CA) Absolute (EC)	Incremental (CA) Absolute (EC)	Incremental (CA) Absolute (EC)	Incremental (CA) Absolute (EC)	
Drive	Model # - Max Cont. Current - Power	M702-034 - 10.0 (A) - 5 (hp)	M702-034 - 10.0 (A) - 5 (hp)	M702-054 27 (A) - 20 (hp)	M702-054 27 (A) - 20 (hp)	M702-054 27 (A) - 20 (hp)
	Power/Feedback Cable Length	5 meters (7,10,15,25 available)	5 meters (7,10,15,25 available)	5 meters (7,10,15,25 available)	5 meters (7,10,15,25 available)	5 meters (7,10,15,25 available)
	3 Phase, 48-65 Hz	380-480VAC +- 10%	380-480VAC +- 10%	380-480VAC +- 10%	380-480VAC +- 10%	380-480VAC +- 10%
Repeatability		+ - 0.0002"	+ - 0.0002"	+ - 0.0002"	+ - 0.0002"	+ - 0.0002"
Max Hanging Weight @ Ram (no Brake)		20 Lbs.	20 Lbs.	40 Lbs.	85 Lbs.	80 Lbs.
Ball Screw	Size	32 x 10	40 x 10	50 x 20	63 x 20	63 x 20
	Backlash	0.15mm	0.18mm	0.16mm	0.18mm	0.18mm
	Dynamic Load per Million Rev's	5,935	14,590	17,715	23,178	23,178
	Efficiency	90%	90%	90%	90%	90%
Weight of Actuator	Includes Motor Lbs. (kg)	142 (64 kg)	166 (75 kg)	351 (160 kg)	491 (222 kg)	568 (257 kg)