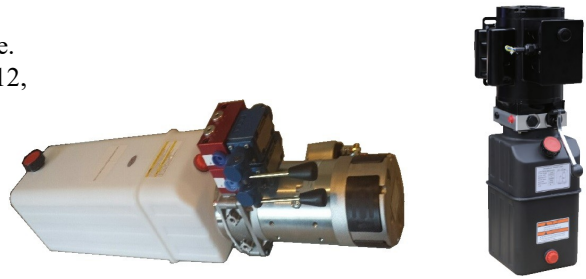


Features:

- Electric motor, gear pump, reservoir and valves in a turn key package.
- Power unit circuits for general use (circuit A) lifting loads (circuit B12, B24 or C) or customizing a circuit (circuit D)
- Optional push button to start located in motor terminal box.
- High quality AC and DC motors available
- Horizontal and vertical mounting directions



Ordering Details

S	System																
CO-	Compact Power Unit																
12	Reservoir Capacity: <table border="1" style="display: inline-table;"><tr><td>Code: Liters</td><td>4, 8, 12, 14</td></tr></table>	Code: Liters	4, 8, 12, 14														
Code: Liters	4, 8, 12, 14																
EG	Pump Type: EG = External Gear (fixed Volume)																
1.1-	Pump Displacement, cc/rev: (Reference Page 2 for selection) <table border="1" style="display: inline-table;"><tr><td>Code: cc/rev.</td><td>1.2, 2.1, 3.2, 4.2, 6, 8</td></tr></table>	Code: cc/rev.	1.2, 2.1, 3.2, 4.2, 6, 8														
Code: cc/rev.	1.2, 2.1, 3.2, 4.2, 6, 8																
H	Motor Mounting Direction: H=Horizontal, V = Vertical																
3-	Horsepower: (Reference Page 2 for selection) <table border="1" style="display: inline-table;"><thead><tr><th></th><th>12VDC</th><th>24VDC</th><th>115/230VAC</th></tr></thead><tbody><tr><td>Code: HP</td><td>1.1</td><td>1.1</td><td>1</td></tr><tr><td></td><td>2</td><td>2</td><td>2</td></tr><tr><td></td><td>3</td><td>3</td><td>3</td></tr></tbody></table>		12VDC	24VDC	115/230VAC	Code: HP	1.1	1.1	1		2	2	2		3	3	3
	12VDC	24VDC	115/230VAC														
Code: HP	1.1	1.1	1														
	2	2	2														
	3	3	3														
12-	Voltage: 12 = 12VDC, 24= 24VDC, 115 = 115VAC																

D2-	Circuit:	<p>Code: A Basic block with check and relief valve</p>	<p>Code: B12 or B24 Lift block. Power motor to lift, energize valve coil for gravity down. B12=12VDC valve coil, B24=24VDC coil.</p>
		<p>Code: C Lift block. Power electric motor to lift, manual operated valve for gravity down.</p>	<p>Code: D_ Basic block with stackable D03/NG6 mounting. Designate number of stations after code "D"</p> <p>D03/NG6 Mounting Pattern. Select valves to mount from sub plate Valves catalog. Order valves separately.</p>
A-	Options: A=Motor Push To Run Button (AC motor only)		
1	Series: 1		

Example Part Number: SCO-12EG2.1-H2-115-C-A-1

Performance Specifications:

AC Motors

Motor Power				Pump Limits		*Flow or Pressure maximum with limit of motor HP	
HP	Watts	Pump, cc/rev.	RPM	Max. Flow, GPM	Max. Pump Pressure, PSI	Appr. Max. Flow at Max. Pressure, GPM	Appr. Max. Pressure at Max. Flow, PSI
1	750	1.2	3450	1.0	2900	0.41	1251
		2.1	3450	1.7	2900	0.41	715
		3.2	3450	2.6	2900	0.41	469
		4.2	3450	3.4	2610	0.46	358
		6	3450	4.8	2320	0.52	250
		8	3450	6.4	2320	0.52	188
2	1500	1.2	3450	1.0	2900	0.83	2503
		2.1	3450	1.7	2900	0.83	1430
		3.2	3450	2.6	2900	0.83	939
		4.2	3450	3.4	2610	0.92	715
		6	3450	4.8	2320	1.03	501
		8	3450	6.4	2320	1.03	375
3	2200	1.2	3450	1.0	2900	0.96	2900
		2.1	3450	1.7	2900	1.24	2145
		3.2	3450	2.6	2900	1.24	1408
		4.2	3450	3.4	2610	1.38	1073
		6	3450	4.8	2320	1.55	751
		8	3450	6.4	2320	1.55	563

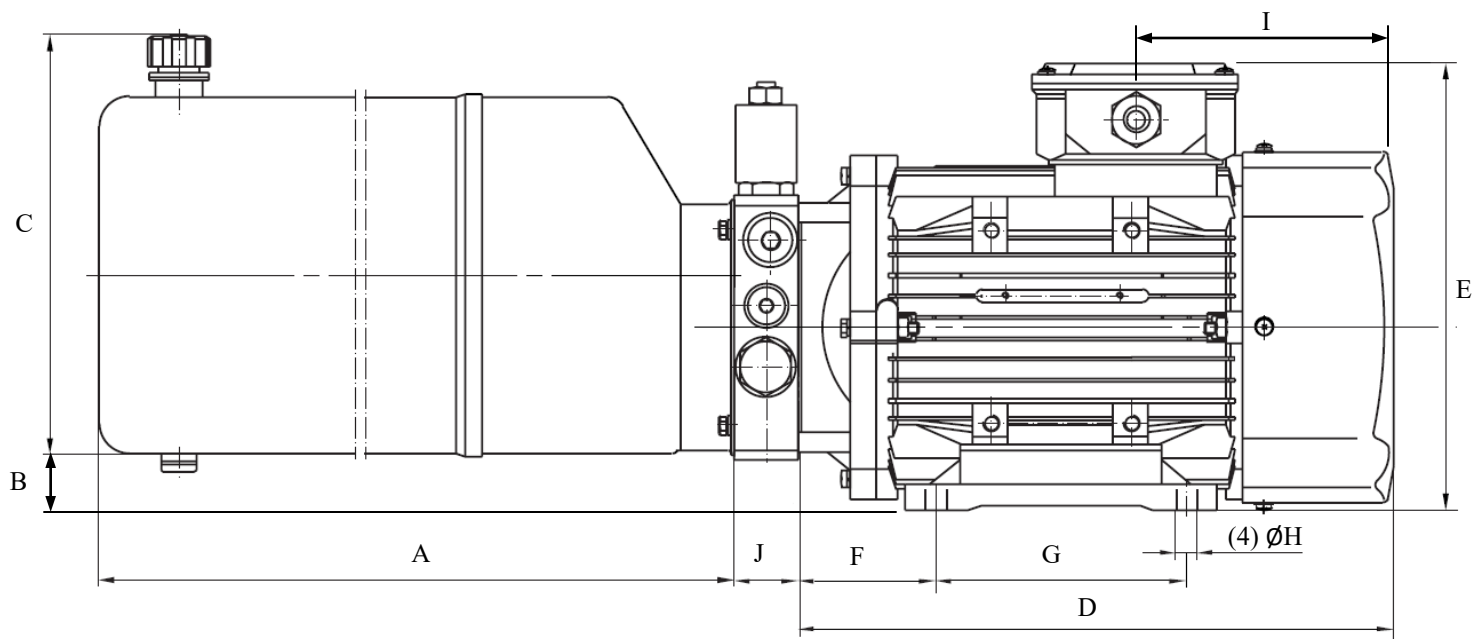
DC Motors

Motor Power				Pump Limits		*Flow or Pressure maximum with limit of motor HP	
HP	Watts	Pump, cc/rev.	RPM	Max. Flow, GPM	Max. Pump Pressure, PSI	Appr. Max. Flow at Max. Pressure, GPM	Appr. Max. Pressure at Max. Flow, PSI
1.1	800	1.2	2500	0.69	2900	0.44	1852
		2.1	2500	1.22	2900	0.44	1058
		3.2	2500	1.85	2900	0.44	694
		4.2	2500	2.43	2610	2.56	529
		6	2500	3.47	2320	0.55	370
		8	2500	4.63	2320	0.55	278
2	1500	1.2	2500	0.69	2320	0.69	2320
		2.1	2500	1.22	2320	1.03	1974
		3.2	2500	1.85	2320	1.03	1295
		4.2	2500	2.43	2320	1.03	987
		6	2500	3.47	2320	1.03	691
		8	2500	4.63	2320	1.03	518
3	2200	1.2	2500	0.69	2900	0.69	2900
		2.1	2500	1.22	2900	1.22	2900
		3.2	2500	1.85	2900	1.24	1943
		4.2	2500	2.43	2610	2.56	1480
		6	2500	3.47	2610	1.55	1036
		8	2500	4.63	2320	1.55	777

Note:

*Due to the limit of the motor power, both the max. pressure and max flow may not be possible together. Listed are the limits of flow when max pressure is needed and the limits of pressure when max flow is needed.

Pump/Motor Dimensions:



Dimension, mm	Reservoir, Liters			
	4	8	12	14
A				
B		Consult Factory		
C				

Dimension, mm	AC Motor, HP (KW)		
	1 (0.75)	2 (1.5)	3 (2.2)
D			
E			
F	Consult Factory		
G			
H			
I			

Dimension, mm	Manifold Type			
	A	B12/B24	C	D
J		Consult Factory		

Dimension, mm	DC Motor, HP (KW)		
	1.1 (0.8)	2 (1.5)	3 (2.2)
D			
E			
F	Consult Factory		
G			
H			
I			