



OCTOPUS



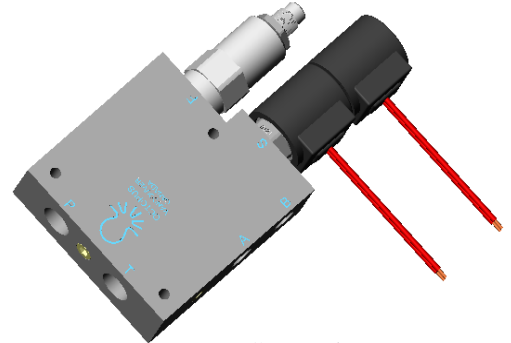
SELECTION GUIDE

REV A
June 4, 2008

HYDRAULIC DRIVE UNITS - ACCESSORIES & SERVICE PARTS

i. Miscellaneous

- a. Constant Flow Regulator Valve
(for interfacing electric autopilot control with hydraulic 'Orbitrol' style steering systems)



CFR Valve

- How To Order

OC17SUK19 - 12 - 06

Solenoid Voltage

- 12 = 12 vdc
- 24 = 24 vdc
- 32 = 32 vdc
- 120 = 120 vac
- 240 = 240 vac

Pilot Nominal Flow per Minute & Range

- 06 = .21 gal nom - (600 cc - 1000 cc or 36 ci - 60 ci)
- 10 = .33 gal nom - (937 cc - 1562 cc or 57 ci - 95 ci)
- 15 = .50 gal nom - (1419 cc - 22365 cc or 87 ci - 144 ci)
- 20 = .75 gal nom - (2129 cc - 3547 cc or 130 ci - 216 ci)
- 30 = 1.20 gal nom - (3406 cc - 5677 cc or 208 ci - 346 ci)
- 40 = 2.00 gal nom - (5677 cc - 9463 cc or 346 ci - 577 ci)

- Example

For .50 gal nominal max Pilot Flow - 24vdc Solenoids - Order OC17SUK192410

- See Table 1 for available alternate flow control valve cartridges. Pilot Flow Range can easily be changed in the field by replacing the existing cartridge.

TABLE 1									
Cartridge PID	Pilot Flow Range							Steering Cylinder Volume	
	Nominal			cc per minute		ci per min			
	gal per min	cc per min	ci per min	Min	Max	Min	Max	cc Max	ci Max
	0.21	800	49	600	1,000	37	61	246	15
	0.33	1,250	76	937	1,562	57	95	394	24
OC1946	0.50	1,892	115	1,419	2,365	87	144	590	36
	0.75	2,838	173	2,129	3,547	130	216	886	54
	1.20	4,542	277	3,406	5,677	208	346	1410	86
	2.00	7,570	462	5,677	9,463	346	577	2362	144
Note:	Maximum input flow to Steering Cartridge 3.0 gal per min - 11,300cc								

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