IFP VCD 25
MANUALLY OPERATED
SECTIONAL VALVE

FEATURES

- Adjustable Balanced Piston Relief Valve
- Power Beyond / Closed Center Available
- Integral Load Holding Check Valve
- Optional Pilot Operated Check Valve
- Spring Return or Detent

MODEL		VCD 25	
Max. recom. flow		25 US GPM (95 LPM)	
Recommended flow		21 US GPM (80 LPM)	
Max. Pressure		5000 PSI (350 bar)	
Leakage @1500 PSI (100bar)		0.12 in^3/min(2 cm^3/min)	
Tie rod tightening torque		35 Nm	20 lb ft
Weight LBS(Kg)		22.4(10.2) -	115.5(52.5)
Port Sizes	Pressure	SAE 10	3/4 NPT
	Tank	SAE 10	3/4 NPT
	Work	SAE 8	1/2 NPT

ASSEMBLED SECTIONAL VALVE CODE

IFP VCD 25 M 2 C S D WPR P 71

- **IFP VCD** — Sectional Valve
- **25** — Valve Series 25 GPM
- **M** — Main Relief
- **2** — Number of sections (No of Sections up 12)
- **C** — Spool Type: C=Cylinder Spool, M=Motor Spool, S=Single Acting
- **S** — Port Type: S-SAE * Standard, N-NPT *Optional
- **D** — Spool Function: D- Detent, Omit- Spring Return
- **WPR** — Work Port: Omit - No Options, WRP - Work Port Relief, AC - Anti-cavitation Check
- **P** — Tank Port Function: (O=Open center(Standard), C=Close center, P=Power Beyond)
- **71** — Design Number

WORK SECTION AND ACCESSORY CODE

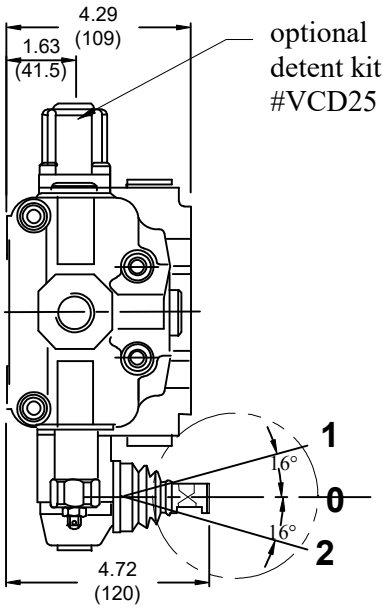
- VCD25 M - Inlet Section C/W Main relief
- VCD25 O - Outlet Section / Open Center
- VCD25 D - Work section / Spring Return
  4 Way 3 Position Cylinder Spool
- WPR - Work Port Relief
- AC25 - Anti-cavitation check

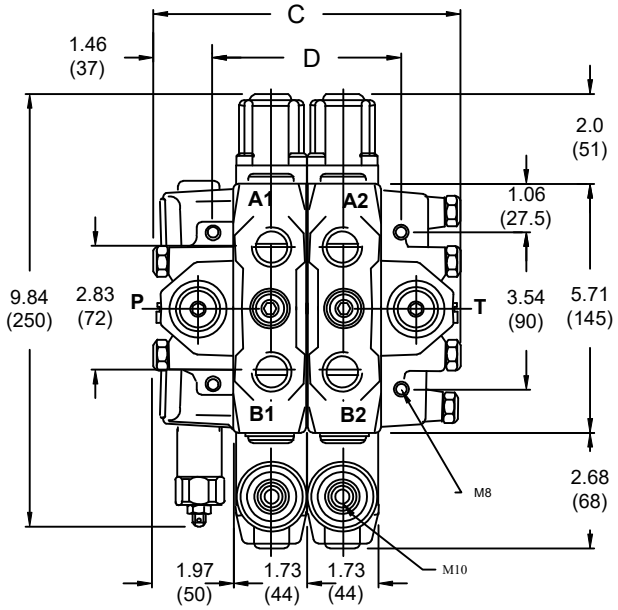
Note- If Other Than SAE ports Please Specify

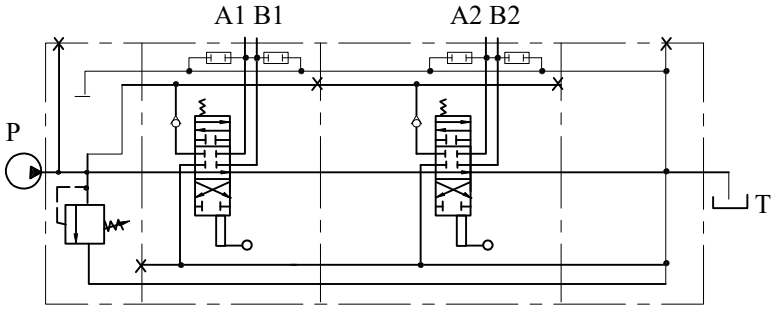
IFP VCD 25
MANUALLY OPERATED
SECTIONAL VALVE

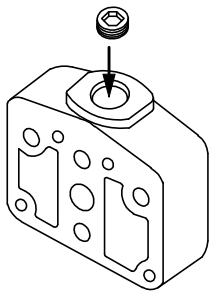
DIMENSIONS
inch (mm)

	C		D		Weight	
	mm	inch	mm	inch	Kg	lbs
VCD25/1	144	5.67	70	2.76	10.2	22.4
VCD25/2	188	7.40	114	4.49	14.9	32.8
VCD25/3	232	9.13	158	6.22	19.6	43.1
VCD25/4	276	10.87	202	7.95	24.3	53.5
VCD25/5	320	12.60	246	9.69	29.0	63.8
VCD25/6	364	14.33	290	11.42	33.7	74.1
VCD25/7	408	16.06	334	13.15	38.4	84.5
VCD25/8	452	17.80	378	14.88	43.1	94.8
VCD25/9	496	19.53	422	16.61	47.8	105.2
VCD25/10	540	21.26	466	18.35	52.5	115.5



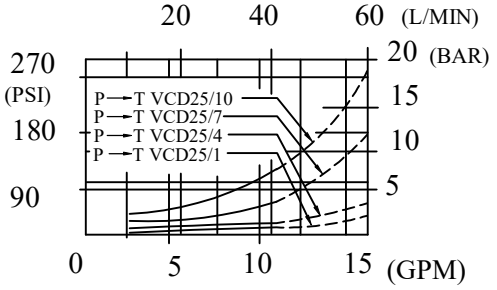


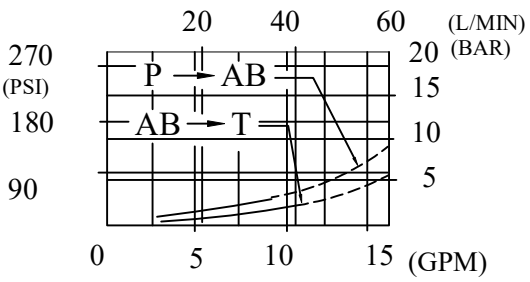


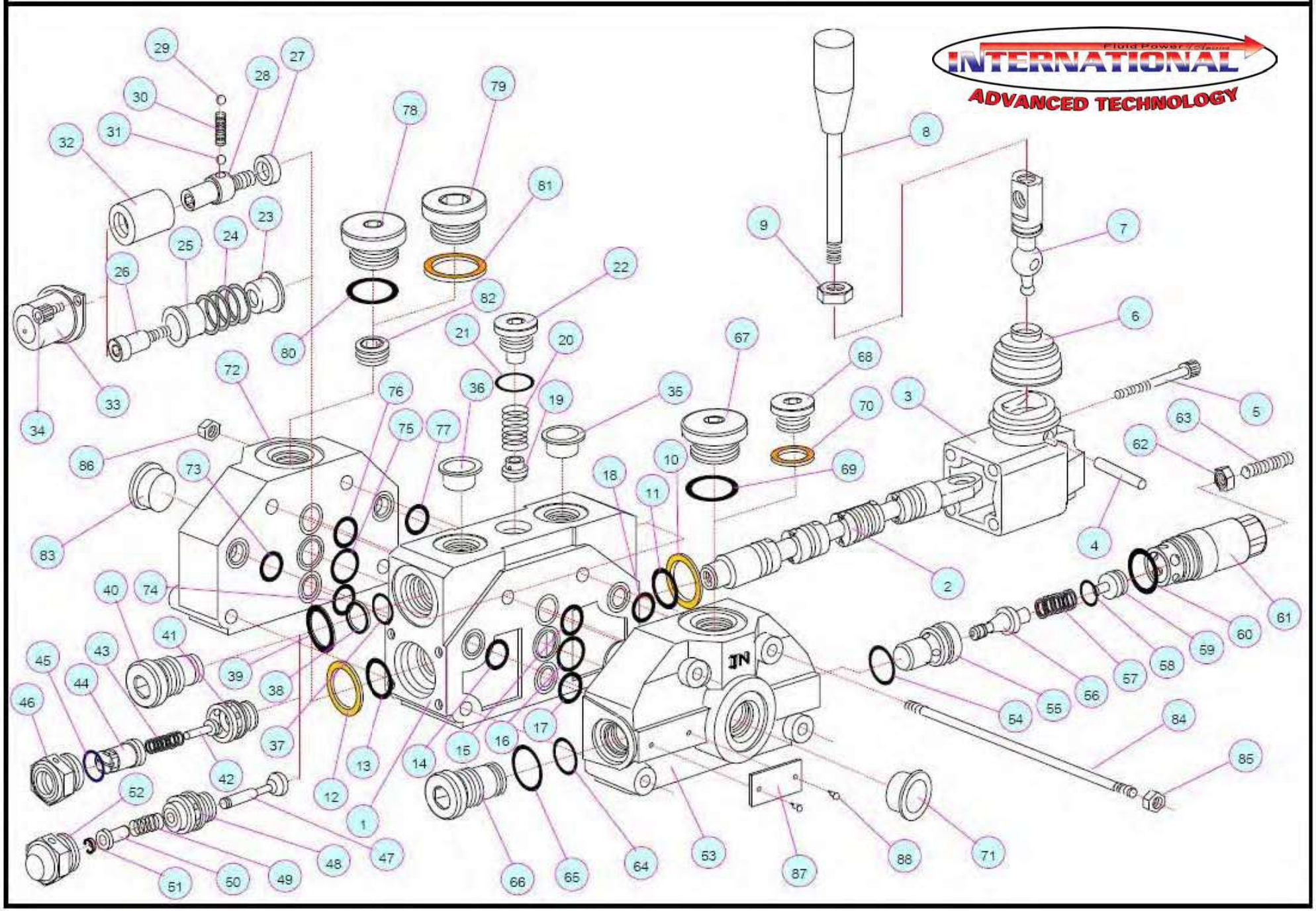


VCD25-O
Outlet
Cover

Power Beyond Conversion
Install Plug-A M18 XI.5





PARTS DRAWING: IFP VCD25 SECTIONAL VALVE

Date: October 14-2008