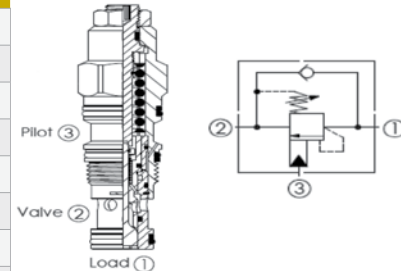


## COUNTERBALANCE VALVES

- INTERCHANGEABLE WITH SUN CARTRIDGES
- 5000 PSI MAXIMUM PRESSURE

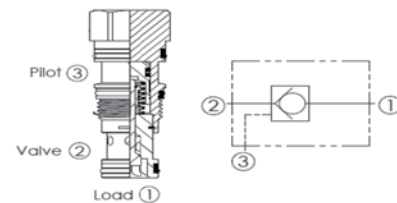
PART NUMBER	MAX GPM	CAVITY	PSI RANGE	RATIO	SUN NO
CB11A33HL	15	T-11A	1000 - 4000	3: 1	CBCA-LHN
CB11A34JL				4.5: 1	CBCG-LJN
CB11A30JL				10: 1	CBCH-LJN
CB2A33HL	30	T-2A	2000 - 5000	3: 1	CBEA-LJN
CB2A34JL				4.5: 1	CBEG-LHN
CB2A30JL				10: 1	CBEH-LHN
CB17A3DJL	60	T-17A	2000 - 5000	3: 1	CBGG-LJN
CB17A3DJJL				4.5: 1	CBGH-LJN
CB17A3CHL				10: 1	CBGA-LHN



## PILOT OPERATED CHECK VALVES

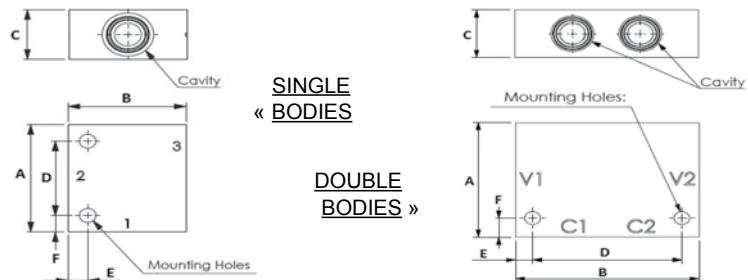
- 5000 PSI MAXIMUM PRESSURE
- PILOT RATIO: 3:1

PART NUMBER	MAX GPM	CAVITY	SUN NO
CO11A3020N	15	T-11A	CKCB-XCN
CO2A3020N	30	T-2A	CKEB-XCN
CO17A3020N	60	T-17A	CKGB-XCN
CO19A3020N	120	T-19A	CKIB-XCN



## LINE MOUNT BODIES

- MADE IN ALUMINUM
- 3000 PSI MAXIMUM PRESSURE
- DUCTILE IRON AVAILABLE ON DEMAND



### SINGLE BODIES

PART NUMBER	CAVITY	PORTS 1 & 2	PORT 3	SUN NO	DIMENSIONS						
					A	B	C	D	E	F	HOLES (2)
11A-S-90-S06	T-11A	SAE 06	SAE 06	ECI	3.0	2.75	1.26	2.09	0.38	0.44	0.34
11A-S-90-S-8	T-11A	SAE 08	SAE 06	ECJ							
2A-S-90-S12	T-2A	SAE 12	SAE 06	BCL	3.25	3.0	1.5	2.25	0.5	0.5	0.42
17A-S-90-S16	T-17A	SAE 16	SAE 06	HCM	4.25	4.0	2.36	2.75	0.75	0.75	
19A-S-90-S20	T-19A	SAE 20	SAE 06	KCN	5.0	5.0	3.0	4.0	0.5	0.5	

### DOUBLE BODIES

PART NUMBER	CAVITY	PORTS	SUN NO	DIMENSIONS						
				A	B	C	D	E	F	HOLES (2)
11A-D-X-S08	T-11A	SAE 08	YEJ	3.25	3.0	1.5	2.25	0.5	0.5	0.42
2A-D-X-S12	T-2A	SAE 12	YAL	4.25	4.0	2.36	2.75	0.75	0.75	
17A-D-X-S16	T-17A	SAE 16	YJM	5.0	5.0	3.0	4.0	0.5	0.5	

# PRESSURE RELIEF VALVES

## VALVES

### PILOTED RELIEF VALVES

- 30 GPM MAXIMUM FLOW
- 3000 PSI MAXIMUM PRESSURE

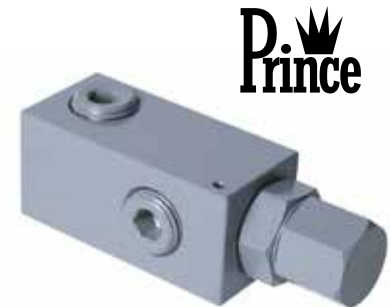
PART NUMBER	PORT SIZE	PSI RANGE
RV-1H	SAE 12	1500-3000
RV-2H	3/4" NPT	1500-3000
RV-4H	1/2" NPT	1500-3000
RV-2L	3/4" NPT	500-1500



### DIRECT ACTING RELIEF VALVES

- 2500 PSI MAXIMUM PRESSURE
- 1000-2000 PSI ADJUSTMENT RANGE

PART NUMBER	PORT SIZE	MAX GPM
RD-1837S	3/8 NPT	8
RD-1850H	1/2 NPT	16
RD-1850S	1/2 NPT	16
RD-1875S	3/4 NPT	20



### DIRECT ACTING RELIEF VALVES

THE RELIEF PROVIDES OVERLOAD PROTECTION IN FAST, ACCURATE AND ECONOMICAL WAY.

PART NUMBER	MAX GPM	PSI RANGE	PORT
VMD 35-03-N-C-1	9.5	1450 - 5075	1/2 NPT
VMD 80-03-N-B-1	22	290 - 3770	
VMD 80-04-N-B-1			3/4 NPT
VMD 80-04-S-B-1	22	290-3770	SAE 12



Other pressure range available  
SAE thread available

### HIGH FLOW RELIEF

- 3650 PSI MAXIMUM PRESSURE
- 1020-3050 PSI ADJUSTMENT RANGE
- PRESSURE GAUGE PORT
- KNOB FOR EASY ADJUSTMENT

PART NUMBER	GPM MAX	PORT SIZE
BT-06-H-3290	52.8	3/4 NPT
BT-10-H-3290	106	1 1/4 NPT

**YUKEN**

