

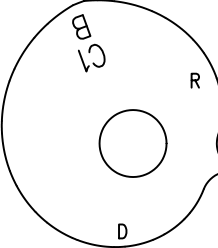
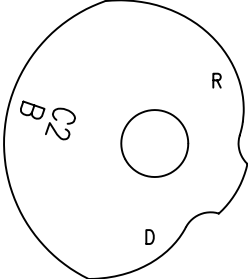
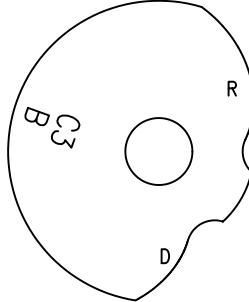
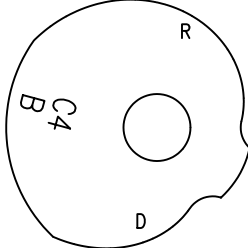
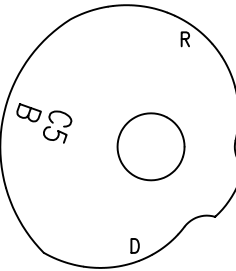
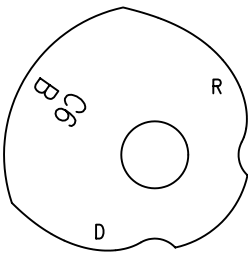
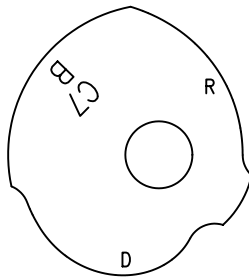
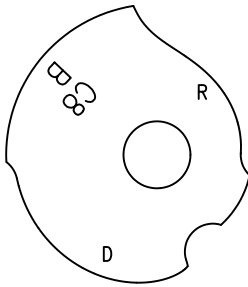
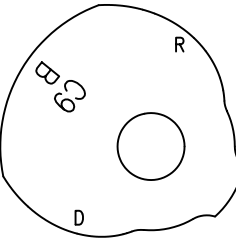
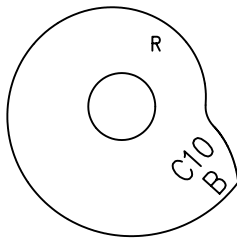
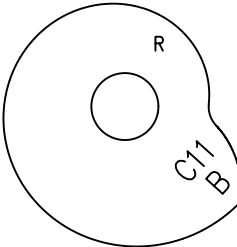


# Cam Listing

All cams are marked D (direct) CCW or R (reverse) CW as well as an A and B for identification. Below is a basic listing of all Cams for V100 or 200 and a general description of cam function.

## VAC P/N

- 400049 **C1** 90 & 180 Degree, Linear 0-100%  
Split Range 0-50-100% 2 x 45° / 2 x 90°  
0-33-66-100% 3 x 30° / 3 x 60°
- 400050 **C2** 45 & 90 Degree, Linear 0-100%  
Split Range 0-50-100% 2 x 22° / 2 x 45°  
0-33-66-100% 3 x 15° / 3 x 30°
- 400051 **C3** 30 & 60 Degree, Linear 0-100%  
Split Range 0-50-100% 2 x 15° / 2 x 30°  
0-33-66-100% 3 x 10° / 3 x 20°
- 400052 **C4** 60 & 120 Degree, Linear 0-100%  
Split Range 0-50-100% 2 x 30° / 2 x 60°  
0-33-66-100% 3 x 10° / 3 x 20°  
0-25-50-75-100% 4 x 15° / 4 x 30°
- 400053 **C5** 90 & 60 Degree, Pin 0-100 **Pin is fitted on turning part**  
Linear Pin & Fork Compensation 2.1% @90° and 0.9% @60°  
A = 0-100% Direct 90° Reverse 60°  
B = 0-100% Direct 60° Reverse 90°
- 400054 **C6** 90 & 60 Degree, Slot 0-100 **Slot is in the turning part**  
Linear Pin & Fork Compensation 4.5% @90° and 1.9% @60°  
A = 0-100% Direct 90° Reverse 60°  
B = 0-100% Direct 60° Reverse 90°
- 400055 **C7** 90 Degree, 0-100% Square Root  
"Linearizing" for butterfly valves
- 400056 **C8** 90 Degree, 0-100% , Equal Percent or Quick opening/square root
- 400057 **C9** Special ball or plug valve cam  
25° "zero lift" +70° Linear = 0-100%  
35° "zero lift" +60° Linear = 0-100%
- 400058 **C10** 330 Degree, Linear 0-100%  
Split Range 0-25-50-75-100% 4 x 90°
- 400059 **C11** 270 Degree, Linear 0-100%  
Split Range 0-33-66-100% 3 x 90°

	1	2	3	4	5	6	7	8	
A	 <p><b>Cam C1</b> Linear: R=90°/ D=180° 0-100%</p> <p>Split Range: R=3x30°/ D=3x60° 0-33-66-100%</p> <p>R=2x45°/ D=2x90° 0-50-100%</p>	 <p><b>Cam C2</b> Linear R=90°/ R=45° 0-100%</p> <p>Split Range: R=3X30°/ D=3X15° 0-33-66-100%</p> <p>R=2X45°/ (D=2X22.5°) 0-50-100%</p>	 <p><b>Cam C3</b> Linear R=60°/ D=30° 0-100%</p> <p>Split Range: R=3x20°/ D=3x10° 0-33-66-100%</p> <p>R=2x30°/ D=2x15° 0-50-100%</p>	 <p><b>Cam C4</b> Linear R=120°/ D=60° 0-100%</p> <p>Split Range: R=4x30°/ D=4x15° 0-25-50-75-100%</p> <p>R=2x60°/ D=2x30° 0-50-100%</p>					
B									
C	 <p><b>Cam C5</b> PIN &amp; FORK R=90°/ D=60° 0-100%</p>	 <p><b>Cam C6</b> FORK &amp; PIN R=90°/ D=60° 0-100%</p>	 <p><b>Cam C7</b> R=90° DSQR D=90° RSQR 0-100%</p>	 <p><b>Cam C8</b> R=90° RLOG D=90° DLOG 0-100%</p>					
D									
E	 <p><b>Cam C9</b> Zero lift+Linear R=25+70° D=35+65° 0-100%</p>	 <p><b>Cam C10</b> Linear R=330° 0-100%</p> <p>Split Range: R=4x90° 0-25-50-75-100%</p>	 <p><b>Cam C11</b> Linear R=270° 0-100%</p> <p>Split Range: R=3x90° 0-33-66-100%</p>						
F									

Explanations:  
B-side of Cam is shown.

Curve markings:  
R=Reverse=CW rotation  
D=Direct=CCW rotation

C5 and C6 for linear mounting kits:  
PIN&FORK=Pin on feedback arm and slot in feedback plate.  
FORK&PIN=Slot in feedback arm and pin in feedback plate.

DLOG=Direct Logarithmic(exponential)  
RLOG=Reverse Logarithmic(exponential)

DSQR=Direct Square Root  
RSQR=Reverse Square Root



File: 92164r0\_130118\_V200 Cam Chart

Scale 1:1 First angle projection.

Drawn by / date: RT / 130118

Part no:

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Revision date: **13 01 18**