

Introducing

VALCAM[®] BLACK series

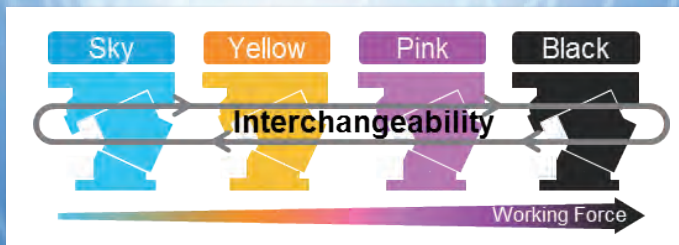
The High Tensile Aerial Cam



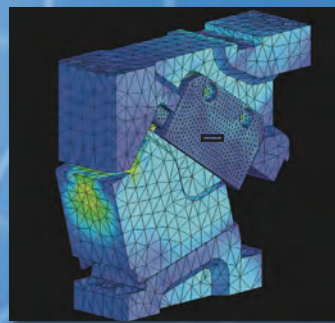
New

Features of VALCAM[®]

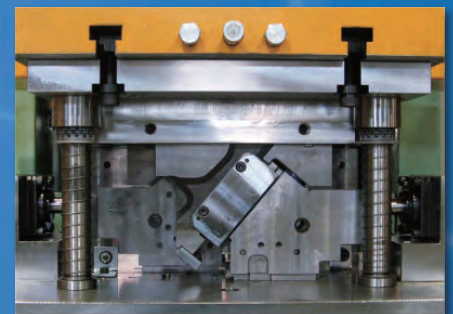
- 46, 58, 72, 100, 140mm aerial cam widths available.
- Offered in short and long stroke models.
- CAE analysis and duration tested. VALCAM is rigid and can handle high-speed production, (servo presses).
- Standard coil or nitrogen return spring models available.
- Pierce, trim, form, or flange operations.
- Compact design helps reduce the die size.
- V-shaped guidance for positive alignment.
- Interchangeability between different series if more force is required.
- Heavy Duty, High Volume, Compact



Interchangeability



CAE analysis



Durability test



SANKYO OILLESS Industry (USA) Corp.

44244 Phoenix Drive, Sterling Heights, MI 48314

Tel. (586) 254-3100 • Fax (586) 254-3204

E-mail: sales@sankyo-usa.net • Web: www.sankyo-oilless.com



AERIAL CAM UNIT

www.sankyo-oilless.com

Grade	Cam width [mm]	Working force [kN (tonf)]			Stroke	Angle (5-degree increments)	Catalog No.	Spring Type	Application	Page
		1,000,000 strokes Standard	1,000,000 strokes Center	300,000 strokes Center						
White	46	14.7 (1.5)	22.1 (2.2)	29.4 (3.0)	Short	0°~80°	VACWS46		Pierce	P.595~613
		18.6 (1.9)	27.9 (2.8)	37.2 (3.8)	Long	0°~50°	VACWL46			P.615~627
	58	14.7 (1.5)	22.1 (2.2)	29.4 (3.0)	Short	0°~80°	VACWS58			P.663~681
		18.6 (1.9)	27.9 (2.8)	37.2 (3.8)	Long	0°~50°	VACWL58			P.683~695
Sky	46	14.7 (1.5)	22.1 (2.2)	29.4 (3.0)	Short	0°~80°	VACSS46		Pierce	P.629~647
		18.6 (1.9)	27.9 (2.8)	37.2 (3.8)	Long	0°~50°	VACSL46			P.649~661
	58	14.7 (1.5)	22.1 (2.2)	29.4 (3.0)	Short	0°~80°	VACSS58			P.697~715
		18.6 (1.9)	27.9 (2.8)	37.2 (3.8)	Long	0°~50°	VACSL58			P.717~729
72	24.5 (2.5)	36.8 (3.7)	49.0 (5.0)	Short	0°~80°	VACSS72	P.731~749			
	18.6 (1.9)	27.9 (2.8)	37.2 (3.8)	Long	0°~50°	VACSL72	P.751~763			
Yellow	46	20.6 (2.1)	30.9 (3.1)	41.2 (4.2)	Short	0°~80°	VACYS46		Pierce	P.629~647
		28.4 (2.9)	42.6 (4.3)	56.8 (5.8)	Long	0°~50°	VACYL46			P.649~661
	58	20.6 (2.1)	30.9 (3.1)	41.2 (4.2)	Short	0°~80°	VACYS58			P.697~715
		28.4 (2.9)	42.6 (4.3)	56.8 (5.8)	Long	0°~50°	VACYL58			P.717~729
	72	40.2 (4.1)	60.3 (6.1)	80.4 (8.2)	Short	0°~80°	VACYS72			P.731~749
		28.4 (2.9)	42.6 (4.3)	56.8 (5.8)	Long	0°~50°	VACYL72			P.751~763
100	57.8 (5.9)	86.7 (8.8)	103.9 (10.6)	Long	0°~70°	VACYL100	Flange	P.765~781		
140	90.2 (9.2)	112.8 (11.5)	135.3 (13.8)	Long	0°~70°	VACYL140		P.783~799		
Pink	46	24.5 (2.5)	36.8 (3.7)	49.0 (5.0)	Short	0°~80°	VACPS46		Pierce	P.629~647
		34.3 (3.5)	51.5 (5.2)	68.6 (7.0)	Long	0°~50°	VACPL46			P.649~661
	58	24.5 (2.5)	36.8 (3.7)	49.0 (5.0)	Short	0°~80°	VACPS58			P.697~715
		34.3 (3.5)	51.5 (5.2)	68.6 (7.0)	Long	0°~50°	VACPL58			P.717~729
	72	45.1 (4.6)	67.7 (6.9)	90.2 (9.2)	Short	0°~80°	VACPS72			P.731~749
		34.3 (3.5)	51.5 (5.2)	68.6 (7.0)	Long	0°~50°	VACPL72			P.751~763
100	77.4 (7.9)	116.1 (11.8)	139.2 (14.2)	Long	0°~70°	VACPL100	Flange	P.765~781		
140	127.4 (13.0)	159.3 (16.3)	191.1 (19.5)	Long	0°~70°	VACPL140		P.783~799		
Black	46	36.8 (3.7)	49.0 (5.0)	—	Short	0°~80°	VACBS46		Pierce	P.629~647
		51.5 (5.2)	68.6 (7.0)	—	Long	0°~50°	VACBL46			P.649~661
	58	36.8 (3.7)	49.0 (5.0)	—	Short	0°~80°	VACBS58			P.697~715
		51.5 (5.2)	68.6 (7.0)	—	Long	0°~50°	VACBL58			P.717~729
	72	67.7 (6.9)	90.2 (9.2)	—	Short	0°~80°	VACBS72			P.731~749
		51.5 (5.2)	68.6 (7.0)	—	Long	0°~50°	VACBL72			P.751~763



Gas Spring



Coil Spring



:Make sure to check your conditions of use