

Keyless High-Torque Circular-Arc Toothed Synchronous Wheel ▶ S3M Type

Tooth Pitch 3.0 With Simplified Thick-Walled Keyless Expansion Sleeve (with centering function)



Please order according to the diagram

①~④ Select the type and parameters in the order of for ordering

Model (① Code) — ② Number Teeth — ③ Wheel Shape — ④ Shaft Hole Specification dH7
VKBDN-S3M100 — 50 — E — d10



Discounted Price
 Quantity Price 1~9 10~
 100% Separate Quotation

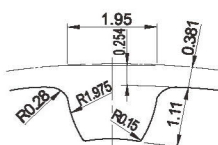
Price Excluding Tax (¥/unit)



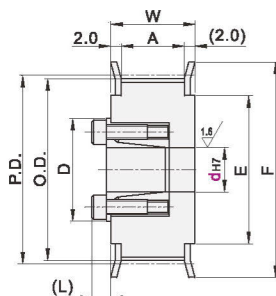
CAD 2D/3D

Code	Wheel Type	Belt Width	Tooth Spacing	Material			Surface Treatment			Using an Expansion Sleeve Codes
				Wheel	Flange	Expansion Sleeve	Wheel	Flange	Expansion Sleeve	
VKBDN	S3M100	10	3.0	A7075	Aluminum Alloy	S45C	Natural Anodizing		—	VQAOX
VKBCO	S3M150	15								

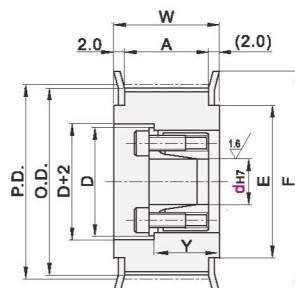
Standard Tooth Profile



Wheel Shape E Shaped



Wheel Shape F Shaped



① Y Size : S3M150 when , Y = 14

Model		Wheel Type	Shaft Hole Specification dH7 (Select according to the Expansion Sleeve Bore Size Chart)			P.D.	O.D.	F	E	A	W
			S3M100	S3M150							
Code	Number Teeth		E Shaped	E Shaped	F Shaped						
VKBDN-S3M100 VKBCO-S3M150	34	E	6	6	6	32.47	31.71	40	28	S3M100 A:11 W:15	
	38		6	6	6	34.38	33.62				
	40		8	8	8	38.20	37.44	44	32		
	44		8-10	8-10	8-10	42.02	41.25	48	36		
	48	F	8-10	8-10-12	8-10	45.84	45.07	50	38	S3M150 A:17 W:21	
	50		8-10	8-10-12-14	8-10	47.75	46.98	52	40		
	60		8-10	8-10-12-14~17	8-10	57.30	56.53	61	46		
	72		8-10	8-10-12-14~19	8-10	68.75	67.99	74	58		

① Pulley shape F shape is not applicable VKBDN-S3M100.

Expansion Sleeve Size

dH7	Allowable Maximum Torque N·m	D	(L)
6	12.7	21.5	6
8	19.6	23.5	
10	27.5	25.5	
12	44.1	28.5	
14	63.7	30.5	6.5
15	80.4	31.5	
16	83.3	33	
17	92.2	33.5	
18	95.1	34.5	
19	98.1	35.5	