



Drawing corresponds to a WPLPE090 / 1-stage / output shaft with feather key / 19 mm clamping system / motor adaptation – 2-part – square universal flange / B5 flange type motor

⁽¹⁾ The dimensions vary with the motor/gearbox flange. The input flange dimensions can be retrieved for each specific motor in Tec Data Finder at www.neugart.com

WPLPE

Geometry ⁽²⁾			WPLPE050	WPLPE070	WPLPE090	WPLPE120	p ⁽³⁾	Code
Pitch circle diameter output	D1		44 (1.732)	62 (2.441)	80 (3.150)	108 (4.252)		
Shaft diameter output	D3	k7	12 (0.472)	16 (0.630)	22 (0.866)	32 (1.260)		
Shaft collar output	D4		15 (0.591)	30 (1.181)	35 (1.378)	50 (1.969)		
Centering diameter output	D5	h7	35 (1.378)	52 (2.047)	68 (2.677)	90 (3.543)		
Housing diameter	D6		50 (1.969)	70 (2.756)	90 (3.543)	120 (4.724)		
Mounting thread x depth	G1	4x	M4x8	M5x8	M6x9	M8x20		
Total length	L1		115.5 (4.547)	152.5 (6.004)	197.5 (7.776)	265 (10.433)	1	
			128 (5.039)	165.5 (6.516)	215.5 (8.484)	292.5 (11.516)	2	
Shaft length output	L3		24.5 (0.965)	36 (1.417)	46 (1.811)	68 (2.677)		
Centering depth output	L7		3 (0.118)	3 (0.118)	4 (0.157)	5 (0.197)		
Min. overall height	L23		67 (2.638)	90,5 (3.563)	114,5 (4.508)	148 (5.827)		
Motor shaft diameter j6/k6	D20		More information on page 163/164					
Clamping system diameter input	D26		More information on page 163/164					
Output shaft with feather key (DIN 6885-1)			A 4x4x14	A 5x5x25	A 6x6x32	A 10x8x50		A
Feather key width (DIN 6885-1)	B1		4 (0.157)	5 (0.197)	6 (0.236)	10 (0.394)		
Shaft height including feather key (DIN 6885-1)	H1		13.5 (0.531)	18 (0.709)	24.5 (0.965)	35 (1.378)		
Shaft length from shoulder	L4		18 (0.709)	28 (1.102)	36 (1.417)	58 (2.283)		
Feather key length	L5		14 (0.551)	25 (0.984)	32 (1.260)	50 (1.969)		
Distance from shaft end	L6		2 (0.079)	2 (0.079)	2 (0.079)	4 (0.157)		
Center hole (DIN 332, type DR)	C		M4x10	M5x12.5	M8x19	M12x28		
Smooth output shaft								B
Shaft length from shoulder	L4		18 (0.709)	28 (1.102)	36 (1.417)	58 (2.283)		

⁽²⁾ Dimensions in mm

⁽³⁾ Number of stages