



Note: All dimensions and tolerances are subject to final product specification

12	DIP TUBE	$\phi 7.9 \times 0.7$ thickness	PE		
11	BALL	$\phi 5.5$	Glass	0.2g	
10	SPRING	$\phi 0.85 \times 57 \times 9.8$ circle	SUS-304	1.6g	
9	HOUSING	Y40-25	PP	4.8g	
8	SUB-STEM	Y40-Y014	PE	0.8g	
7	PISTON	Y40-Y015	PE	0.8g	
6	CLOSURE	28/410J	PP	3.2g	
5	GASKET	25*18.4*1.5	PE	0.12g	
4	RETAINER	Y40-Y013	PP	2.5g	
3	STEM	Y40-Y016	PP	1.8g	
2	BALL	$\phi 4.5$	Glass	0.12g	
1	ACTUATOR	Y40-GA	PP	4.0g	
NO	Component	Specification	Material	Weight	Remark

Vision Packaging (Aust.) Pty Limited 16 075 725 576

DRAWING ID: 162pumpbp28Y40-GA-swall

DATE: 05/06/2018

NAME: BPWY Bulk Pump 4mL 28/410 Smooth-Wall GA Bow-Head

Style No:

 Weight:  $20 \pm 1.0$ g

 Dosage:  $4.0 \pm 0.5$ ml

Tolerances:

 $X.XXX \pm 0.02$   
 $X.XX \pm 0.05$ 
 $X.X \pm 0.1$   
 $X. \pm 0.2$ 

VISUAL ANGLE



UNIT: mm

NOT DRAWN TO SCALE