

**FEATURES**

Dosage/Output:	3.5/4.5 ± 0.3ml/T
Application:	Shampoo, conditioner, shower gel & facial cream
Strokes to prime:	3 to 5 times
Structure:	Lock-down style
Spring:	Outside-setting—metal free contact
Advantages:	Can work well with sticky liquid containing granules
Colour:	Can be customized
Closure size:	Different closure sizes are available
Conformance:	Raw materials conform with ROHS & FDA tests

**162N40 SERIES**


**162N40E38400N380**  
 Specification:  $\Phi$  38/400  
 (E= 35.4 T=37.8 H=13.1)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T



**162N40E33410J331**  
 Specification:  $\Phi$  33/410  
 (E= 30.25 T=32.4 H=13.1)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201530429060.0



**162N40UA32410C321**  
 Specification:  $\Phi$  32/410  
 (E= 30 T=32 H=12.7)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201330455546.2



**162N40U28410J281**  
 Specification:  $\Phi$  28/410  
 (E= 25.6 T=28 H=14.8)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201330455546.2

**162N40E33410G331**  
 Specification:  $\Phi$  33/410  
 (E= 30.45 T=33 H=13)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201330398303.X

**162N40V33410M331**  
 Specification:  $\Phi$  33/410  
 (E= 30.3 T=32.7 H=14.6)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201730132306.7

**162N40Y28410J281**  
 Specification:  $\Phi$  28/410  
 (E= 25.6 T=28 H=14.8)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201730132030.2

\* All actuators and closures can be exchanged within the same Series pump



**162N40F32410C321**

Specification:  $\Phi$  32/410  
(E= 30 T=32 H=12.7)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201530041922.2



**162N40D32410C321**

Specification:  $\Phi$  32/410  
(E= 30 T=32 H=12.7)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201530041923.7



**162N40C32410C321**

Specification:  $\Phi$  32/410  
(E= 30 T=32 H=12.7)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201530041703.4



**162N40J33410T331**

Specification:  $\Phi$  33/410  
(E= 30.3 T=32.4 H=15.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T



**162N40I28410J281**

Specification:  $\Phi$  28/410  
(E= 25.6 T=28.0 H=14.8)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T



**162N40H33410I331**

Specification:  $\Phi$  33/410  
(E= 30.3 T=32.6 H=16)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201430042976.6



\* All actuators and closures can be exchanged within the same Series pump



**162N40YB33410J331**

Specification:  $\Phi$  33/410  
(E= 30.25 T=32.4 H=13.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201730132030.2

**162N40Y33410J331**

Specification:  $\Phi$  33/410  
(E= 30.25 T=32.4 H=13.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201730132030.2

**162N40P28410H281**

Specification:  $\Phi$  28/410  
(E= 25.6 T=28 H=14.8)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201630384469.X

**162N40O33410J331**

Specification:  $\Phi$  33/410  
(E= 30.25 T=32.4 H=13.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

**162N40F28410A281**

Specification:  $\Phi$  28/410  
(E= 25.6 T=28.2 H=12.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201330532226.2

**162N40J28410C281**

Specification:  $\Phi$  28/410  
(E= 25.6 T=28 H=14.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

\* All actuators and closures can be exchanged within the same Series pump



**162N40ES33410S331**  
 Specification:  $\Phi$  33/410  
 (E= 30.25 T=32.4 H=13.1)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

**162N40EA28410J281**  
 Specification:  $\Phi$  28/410  
 (E= 25.6 T=28.0 H=14.8)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

**162N40C28410D281**  
 Specification:  $\Phi$  28/410  
 (E= 25.6 T=28.2 H=19.7)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201330558339.X



**162N40R33410V331**  
 Specification:  $\Phi$  33/410  
 (E= 30.3 T=33 H=13.2)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201330454139.X

**162N40L33410J331**  
 Specification:  $\Phi$  33/410  
 (E= 30.25 T=32.4 H=13.1)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201530486245.5

**162N40F33410A331**  
 Specification:  $\Phi$  33/410  
 (E= 30.3 T=32.5 H=15.9)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201330532226.2

**162N40C28410X281**  
 Specification:  $\Phi$  28/410  
 (E= 25.6 T=28.2 H=14.5)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201330558339.X

\* All actuators and closures can be exchanged within the same Series pump

**162N40B33410C331**

Specification:  $\Phi$  33/410  
(E= 30.45 T=33 H=12.2)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201330356578.7



**162N40S28410T281**

Specification:  $\Phi$  28/410  
(E= 25.6 T=28 H=19.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

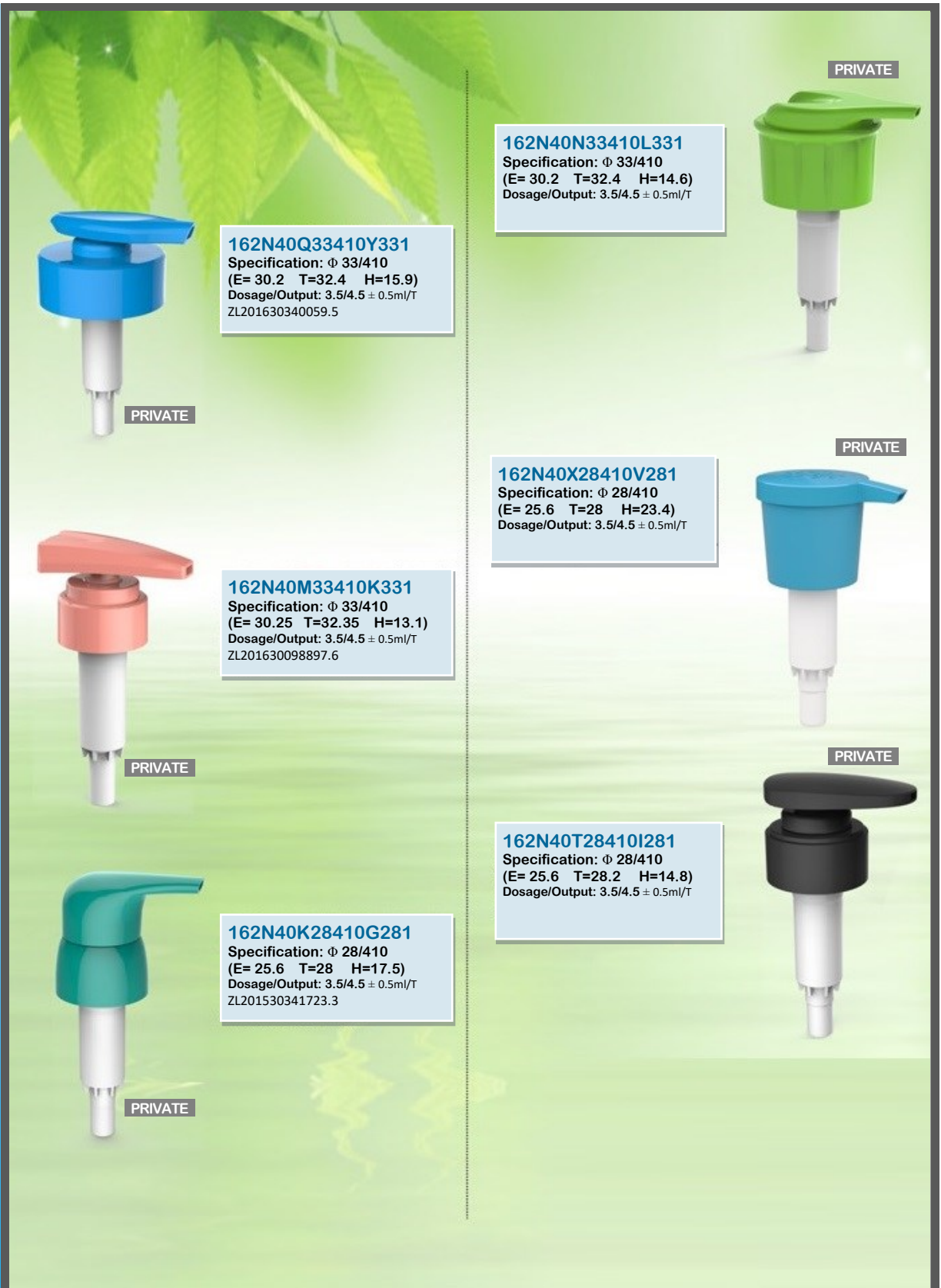


PRIVATE

**162N40D28410J281**

Specification:  $\Phi$  28/410  
(E= 25.6 T=28 H=14.8)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201330532369.3





**162N40Q33410Y331**  
 Specification:  $\Phi$  33/410  
 (E= 30.2 T=32.4 H=15.9)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201630340059.5

PRIVATE



**162N40M33410K331**  
 Specification:  $\Phi$  33/410  
 (E= 30.25 T=32.35 H=13.1)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201630098897.6

PRIVATE



**162N40K28410G281**  
 Specification:  $\Phi$  28/410  
 (E= 25.6 T=28 H=17.5)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
 ZL201530341723.3

PRIVATE



**162N40N33410L331**  
 Specification:  $\Phi$  33/410  
 (E= 30.2 T=32.4 H=14.6)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

PRIVATE



**162N40X28410V281**  
 Specification:  $\Phi$  28/410  
 (E= 25.6 T=28 H=23.4)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

PRIVATE



**162N40T28410I281**  
 Specification:  $\Phi$  28/410  
 (E= 25.6 T=28.2 H=14.8)  
 Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

PRIVATE



**162N40JA33410J331**  
Specification:  $\Phi$  33/410  
(E= 30.25 T=32.4 H=13.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

PRIVATE



**162N40JF28410U281**  
Specification:  $\Phi$  28/410  
(E= 25.6 T=28 H=13.9)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

PRIVATE



**162N40JH33410N331**  
Specification:  $\Phi$  33/410  
(E= 30.3 T=32.7 H=13.4)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

PRIVATE



**162N40Z33410J331**  
Specification:  $\Phi$  33/410  
(E= 30.25 T=32.4 H=13.1)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201730447397.3

PRIVATE



**162N40VF28410R281**  
Specification:  $\Phi$  28/410  
(E= 25.6 T=28 H=16.9)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

PRIVATE



**162N40W28410L281**  
Specification:  $\Phi$  28/410  
(E= 25.6 T=28.0 H=16.0)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T

PRIVATE

\* PRIVATE means customer's exclusive mould



**162N40SY005331 \***

Specification:  $\Phi$  33/410  
(E= 30.45 T=33 H=21)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201330454164.8



**162N40SY002331 \***

Specification:  $\Phi$  33/410  
(E= 30.45 T=33 H=21.6)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201330454141.7



**162N40SY021331 \***

Specification:  $\Phi$  33/410  
(E= 30.3 T=32.6 H=18.9)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201430042784.5



**162N40SY026281 \***

Specification:  $\Phi$  28/410  
(E= 25.6 T=28 H=14.8)  
Dosage/Output: 3.5/4.5  $\pm$  0.5ml/T  
ZL201430230533.X

