

## FLOW CONTROL VALVE (Fixed Orifice, Pressure Compensated)

Ordering Code: **FR-13A-X-Y-Z**

Turn adjustment clockwise to **increase** flow

4.0 Hex.

Control Option:  
Maximum extension  
from locating shoulder.  
(Z=L Control shown)

3/8"-24UNF-2A

14.27 Hex. (9/16 inch)

Torque 9 - 10 Nm

Apply CH (5JAA097)

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Plastic tamper  
resistant cover

Maximum Extension  
from Locating Shoulder.

22.22 Hex.  
(7/8 inch)

M20x1.5

Outlet ②

Inlet ①

Ø 19

N=19

L=51

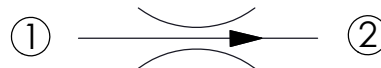
Locating  
Shoulder

5.5

35.05 (Ref.)

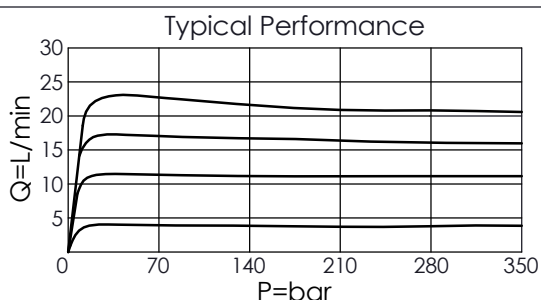
UNIT:mm

Illustrations / detail are  
for reference only.  
Data subject to change.



### TECHNICAL DATA

Pressure min-max:	10 - 350	bar
Rated flow:	0.4 - 23	l/min
Cavity-Tooling:	13A-2	
Installation torque:	40 - 50	Nm
Weight:	0.135 (Z=L)	kg



### X OPERATION

**2F** Fixed Setting

• If a momentary impact pressure is needed in the application, please consult our sales department.

### Z OPTIONS

<b>N</b>	Non-adjustable	
<b>L</b>	Leakproof hex. socket screw. (Adjustment Ranges Approx. ±25%)	
<b>C</b>	Stainless Steel Tamper Resistant Cover.	
<b>CB</b>	Plastic Tamper Resistant Cover (Order Code:5JAA093)	
<b>K</b>	Handknob with Lock Knob. (Order Code: 6ZAK001)	

Y	FLOW SETTING	
<b>0040</b>	0.4 LPM	
<b>0050</b>	0.5 LPM	
<b>0080</b>	0.8 LPM	
<b>0600</b>	6.0 LPM	
<b>0680</b>	6.8 LPM	
<b>0750</b>	7.5 LPM	
<b>1000</b>	10.0 LPM	
<b>1150</b>	11.5 LPM	
<b>1400</b>	14.0 LPM	
<b>1500</b>	15.0 LPM	
<b>1900</b>	19.0 LPM	

• Factory set flow ratings are within ±10% of the requested setting  
• Customer must specify a flow rating  
• If you need specific flow accuracy, please contact WINNER's sales department  
• Orifice discs and retaining rings can be ordered separately, please contact the Winner sales department.