

REDUCING/RELIEVING VALVE (Pilot Operated Reducing/Relieving)

Ordering Code: **PP-11A-X-Y-Z**

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

4.0 Hex.

3/8"-24UNF-2A

14.27 Hex. (9/16 inch)
Torque 9 - 10 Nm
Apply CH (5JAA097)
Plastic tamper
resistant cover

ϕ 19

22.22 Hex.
(7/8 inch)

L=64
K=70

Tank ③

M20x1.5

Inlet ②

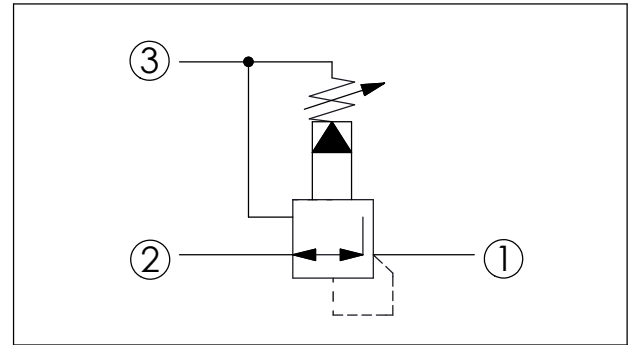
Reduced Pressure ①

35.05 (Ref.)

Locating Shoulder

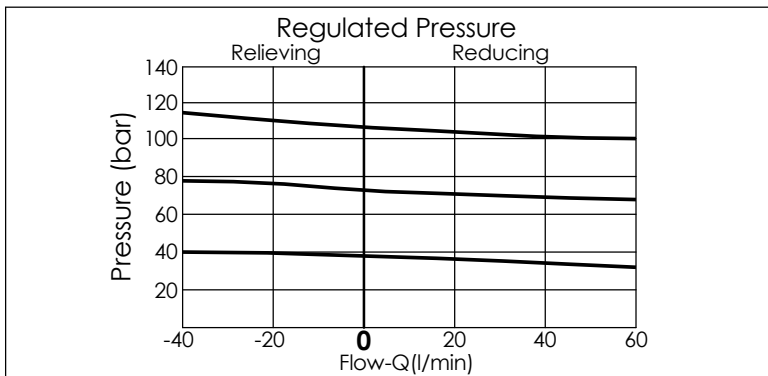
UNIT:mm

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



TECHNICAL DATA	
Max. operating pressure:	350 bar
Rated flow:	40 l/min
Cavity-Tooling:	11A-3
Installation torque:	40 - 50 Nm
Weight:	0.15 (Z=L,LP) kg 0.16 (Z=KF)
· Control Pilot Flow (0.11-0.16 L/min.)	

X	OPERATION	
30	Standard type Low leakage	
*33	Very good pressure control Improved dynamic response	
35	Impact resistant type Low leakage without filter	



Y	SPRINGS	
ADJUSTMENT RANGES (X=30)(X=35)		
A	7 - 210 bar (14 bar Standard Setting)	Maximum Differential=210 bar
B	3.5 - 105 bar (14 bar Standard Setting)	Maximum Differential=210 bar
C	10.5 - 420 bar (14 bar Standard Setting)	
D	1.7 - 55 bar (14 bar Standard Setting)	Maximum Differential=140 bar
E	1.7 - 28 bar (14 bar Standard Setting)	Maximum Differential=140 bar
*F	1 - 28 bar (14 bar Standard Setting)	
*G	2.8 - 28 bar (14 bar Standard Setting)	
H	2 - 210 bar (14 bar Standard Setting)	Maximum Differential=210 bar
*J	1.7 - 105 bar (14 bar Standard Setting)	
*K	5 - 105 bar (14 bar Standard Setting)	
N	4 - 55 bar (14 bar Standard Setting)	Maximum Differential=140 bar
Q	4 - 28 bar (14 bar Standard Setting)	Maximum Differential=140 bar
W	10.5 - 315 bar (14 bar Standard Setting)	

* When X = 33, the lowest pressure will be a bit higher than standard.
* Maximum differential pressure...Any technical questions, please feel free to consult with our sales dept.

Z	OPTIONS	
L	Leakproof hex. socket screw.	
LP	Leakproof hex. socket screw. With stainless steel external metal components	
K	Handknob with Lock Knob. (Order Code: 6ZAK001)	
KF	Handknob with Panel Mount.	
T	Three-winged Handknob Kit.	