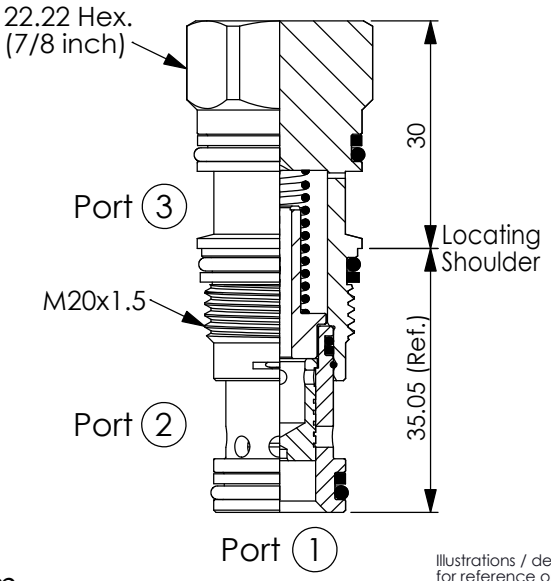
LOGIC ELEMENT VALVE

(Spool Type Normally Closed Modulating Element)

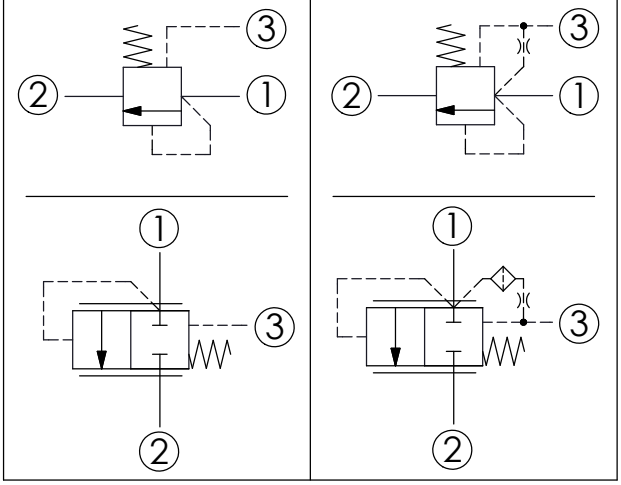
Ordering Code:	**LR-11A-X-Y-Z**



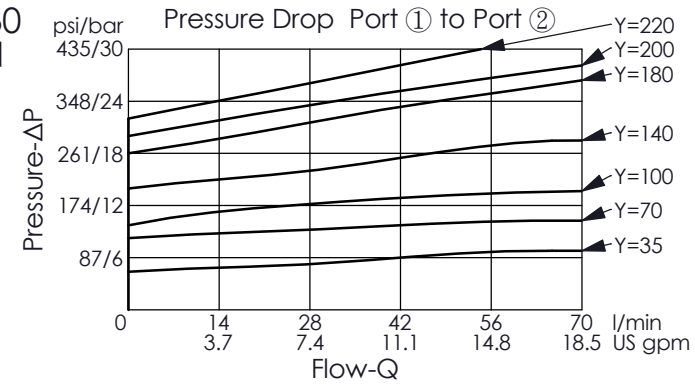
UNIT:mm

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

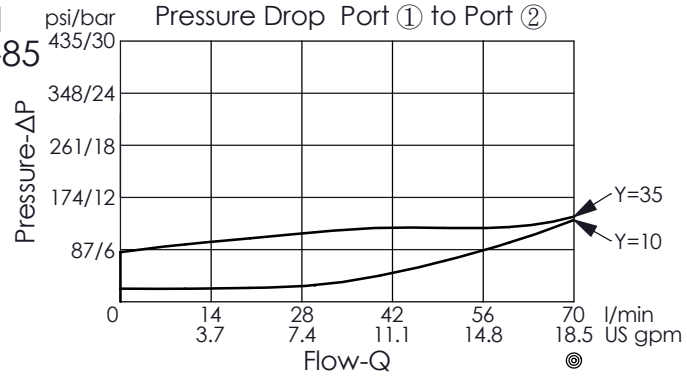
X=30 | X=31 (with filter)



X=30
Z=N



X=31
Z=N-85



TECHNICAL DATA

Max. Operating pressure:	350	bar
Rated flow:	60	l/min
Cavity-Tooling:	11A-3	
Installation torque:	40 - 50	Nm
Weight:	0.121 (**Z**=N)	kg

X	**OPERATION**	
30	External Pilot (bypass compensator)	
31	Internal Pilot (Port ① to Port ③) (mainstage relief element)	

Y	**SPRINGS**	
	Cracking pressure	
10	1.0 bar (Only X=31)	
35	3.5 bar	
70	7.0 bar	
100	10.0 bar	
140	14.0 bar	
180	18.0 bar	
200	20.0 bar	
220	22.0 bar	

Z	**OPTION**	
N	Non-adjustable	
N-85	Fast-acting (Only X=31)	