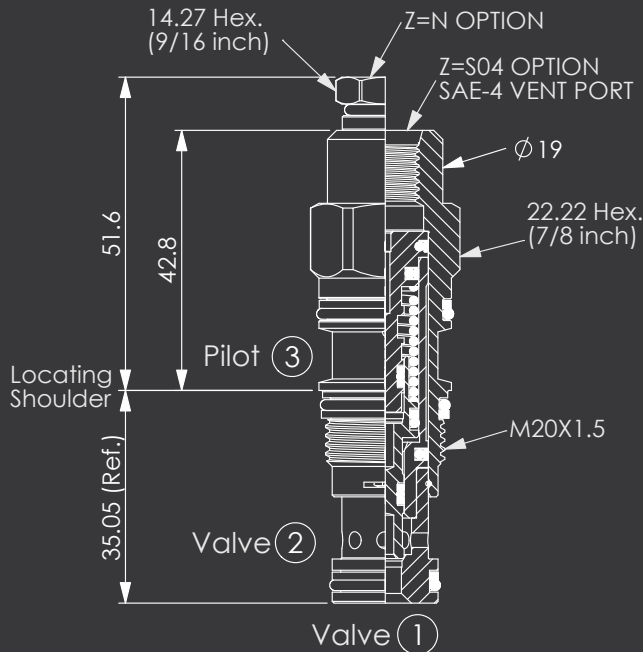


LOGIC ELEMENT VALVE

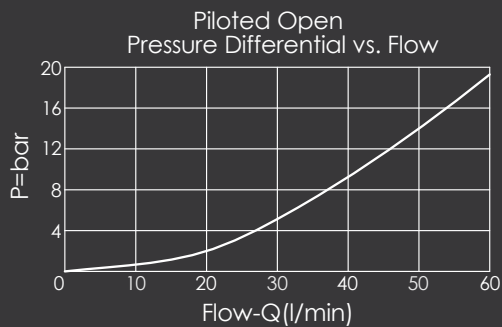
(Pilot-to-Open, Normally Closed, Balanced Poppet Logic Element)

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

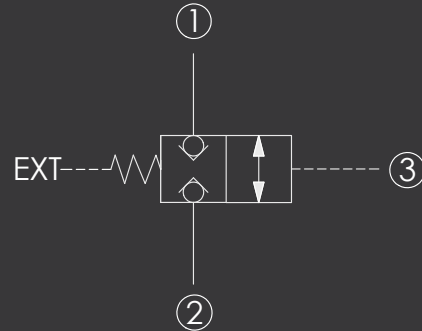


UNIT:mm

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



Y	SPRINGS	
	Recommendation of Minimum Pilot Pressure Required to Shift Valve (Port ③)	
28	28 bar	
- We suggest that using above 28 bar pilot pressure at Port ③ when Port ① and Port ② are 350 bar. In order to ensure shifting quickly for every kinds of pressure and flow. - When the pilot pressure at port ③ is higher than 14 bar, the valve will open. - When the pilot pressure at port ③ is below 10 bar, the valve will close.		
10	10 bar	
- We suggest that using above 10 bar pilot pressure at Port ③ when Port ① and Port ② are 350 bar. In order to ensure shifting quickly for every kinds of pressure and flow. - When the pilot pressure at port ③ is higher than 5 bar, the valve will open. - When the pilot pressure at port ③ is below 4 bar, the valve will close. - If you have any question about using condition of shifting pressure and circuit, please feel free to consult with our sales dept.		



TECHNICAL DATA

Max. Operating pressure:	350	bar
Rated flow:	60	l/min
Cavity-Tooling:	11A-3	
Installation torque:	40 - 50	Nm
Weight:	0.14 (Z=N)	kg
	0.13 (Z=S04)	

X

OPERATION

3S

Pilot-to-open

- Maximum Leakage Approximately (0.7 cc/min./70 bar)
- All ports will accept 350 bar.
- Approximately 1 drop (0.07 cc) of fluid will pass from the pilot area to the vented spring chamber every 4000 cycles.

Z

OPTIONS

N

Non-adjustable



S04

External SAE-4 Port (7/16"-20UNF-2B)

