

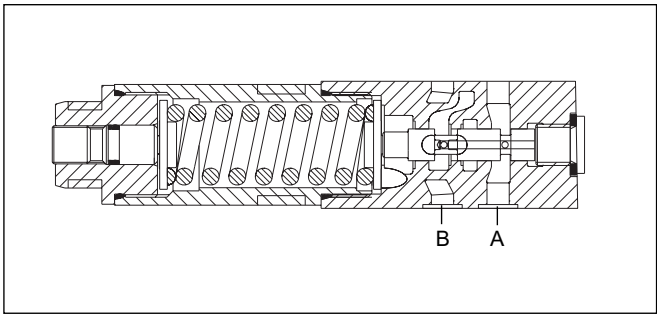
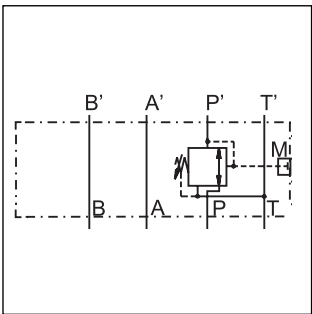
PRDM系列元件為直動式減壓閥。主要用于將液壓系統中的某一支路壓力調節到系統公稱壓力以下的某一預定值。此外，還將該支路的溢流功能集于一體。

壓力表接口或測量接口直接在元件上，以便控制支路壓力。

功能

該閥為常開元件，在設定值以下它允許油液自由地流過控制流道。當下游流道中壓力升高至預調節的壓力時，閥芯向關閉的方向移動，以減少來自主系統的流量，緩衝柱塞將自行調整，以維持預定的支路系統壓力。當支路系統壓力由于外力作用升高時，緩衝柱塞將克服彈簧力移動并且使大量的油液流回油箱，使壓力不再繼續升高。

泄漏油通過彈簧腔流回油箱。



特性

- PRDM 疊加閥具有“P” □ “A” □或“B” □三種減壓結構可供選用。
- 直動式緩衝柱塞結構具有響應快，泄漏量少，磁滯小的特點。
- 最大設定壓力有四檔可選： 25, 70, 160 及 210 bar (363, 1015, 2320, 3045 PSI)。
- 可選項包括兩種調節方式和五種測壓口規格。

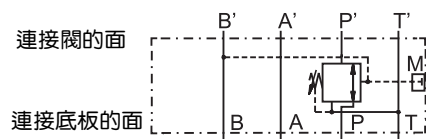
技術參數

	PRDM2	PRDM3
安裝形式	NFPA D03, CETOP3, NG6	NFPA D05, CETOP5, NG10
最大工作壓力 P, A, B T	350 bar 50 bar	315 bar 10 bar
最大流量	40 l/min	80 l/min
壓力範圍	02 1.5 06 1.5 16 3 21 3	up to 25 bar up to 64 bar up to 160 bar up to 210 bar
黏度範圍	12-230 cST	
重量[kg]	1.3	2.6
過濾	ISO 標準18/16/13 或更高	

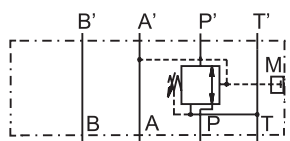
P	R	D	M					V		
			疊加式	閥的規格	減壓油口	壓力範圍	調節方式	密封件	測量接口	設計系列
代號	功能		代號	規格					代號	材料
PRD	直動式減壓閥		2	NG06					V	FPM
			3	NG10						
					代號	壓力範圍				
					02	25 bar				
					06	64 bar				
					16	160 bar				
					21	210 bar (NG06)				
							代號	結構	代號	測量接口
					AA	A	S	內六方螺栓	G*	G1/4
					BB	B	L	鎖	S	1/4 UNF
					PP	P	K	旋鈕 (NG06)	M	M12x1.5
									N	1/4 NPT
									C	接頭 M16

* G = 標準型
在閥體上

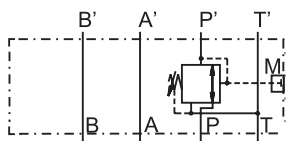
符號



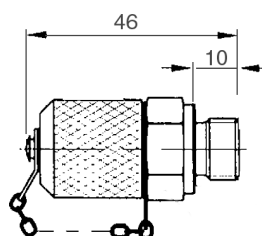
PRDM...BB



PRDM...AA

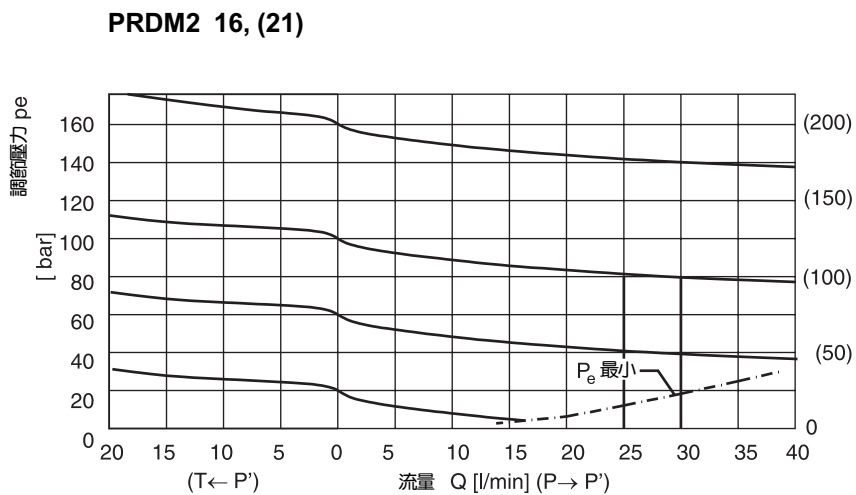
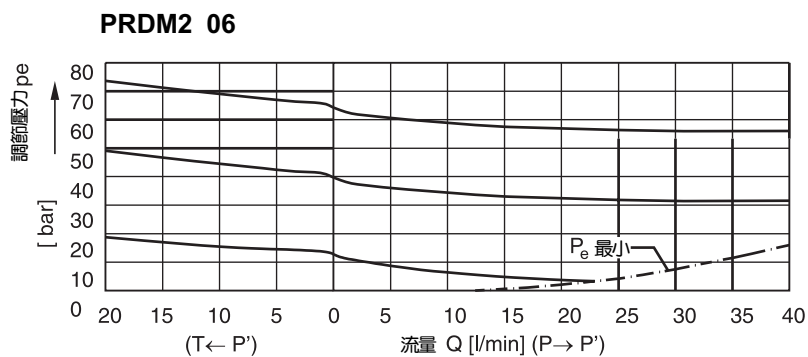
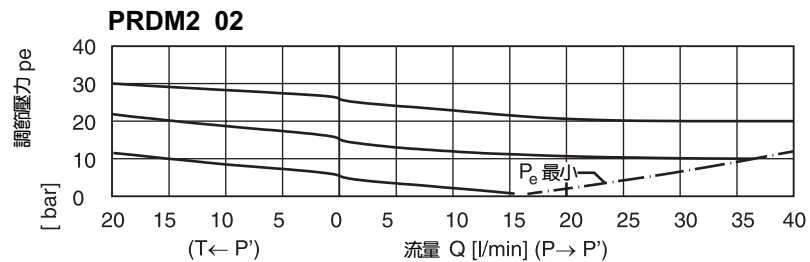


PRDM...PP



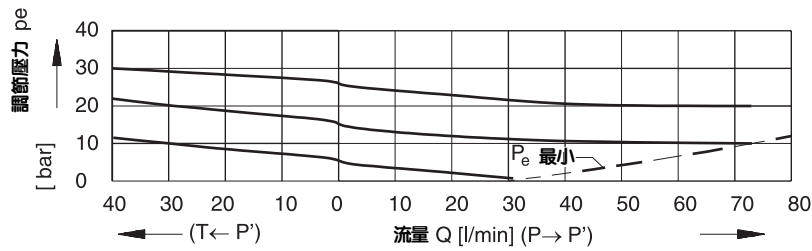
測量接口的可選項C
螺紋接頭M16,
可選擇C EMA3R1/4EDA3C

PRDM2

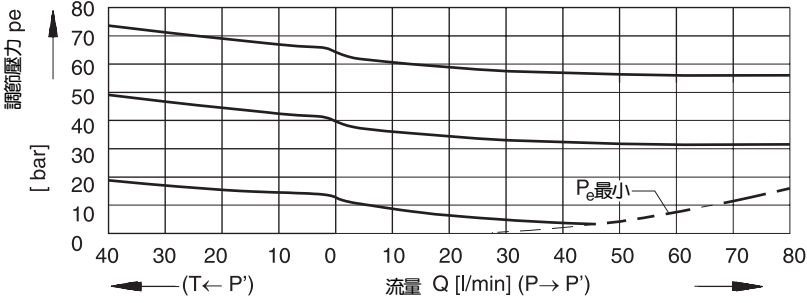


PRDM3

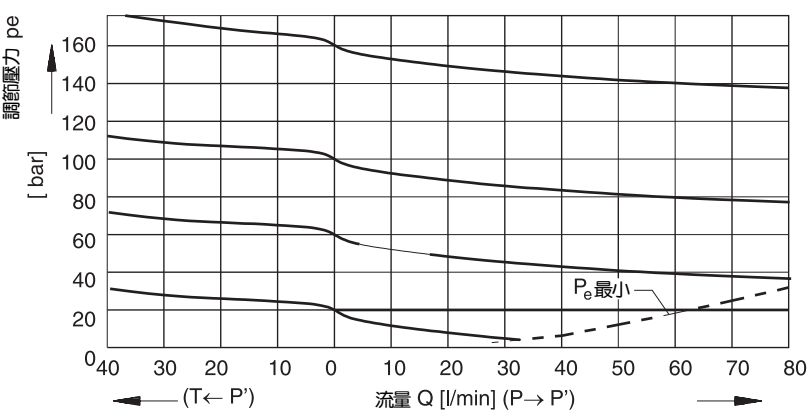
PRDM3 02



PRDM3 06



PRDM3 16



Technical drawing of the Parker BB valve, showing dimensions in millimeters (mm).

Front View (Top Left):

- Overall width: 46
- Overall height: 40
- Feature: SW5 (Switch)
- Feature: G1/4 閥體上的測量接口 (G1/4 Valve body measurement port)

Side View (Top Right):

- Feature: BB 選項 (BB Option)
- Dimension 1: 2.5
- Dimension 2: 169
- Dimension 3: 223
- Dimension 4: 243
- Dimension 5: 13.5

Top View (Bottom):

- Overall length: 202
- Dimension 1: 17
- Dimension 2: 83
- Dimension 3: 69
- Dimension 4: 40.5
- Dimension 5: 5.5
- Dimension 6: 32.5
- Dimension 7: 46
- Dimension 8: 31
- Feature: 測量接口可選擇 S, M 和 N (Measurement port can be selected S, M and N)
- Feature: A, B, C, D (Ports)
- Feature: E (Port)
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