



PRPO SERİSİ HİDROLİK PİLOT UYARILI EMNİYET VALFLERİ (ALYAN ANAHTAR AYARLI) - POPET VALF GÖVDELİ

Hızlı tepki ve düşük histerezis gerektiren zorlu hidrolik devrelerde basınç emniyet valfi olarak kullanılmak üzere tasarlanmış, pilot kumandalı (iki kademeli) bir emniyet valfidir.

Port 1'de ayarlanan basınç değerine ulaşılan kadar Port 1'den Port 2'ye akışı engeller. Sistem basıncı ayarlanan basınç değerine ulaştığında pilot tahliye mekanizması devreye girerek ana kademenin açılmasını sağlar ve akışın Port 1'den Port 2'ye yönlendirilmesine izin verir.

Valf üzerindeki alyan başlı ayar vidası sayesinde istenilen basınç değeri hassas şekilde ayarlanabilmektedir.

Not: Bu valf çapraz tahliye uygulamalarında kullanılamaz.



Malzeme	Otomat Çeliği, Alüminyum Gövde
Vida Ölçüsü	BSP
Sızdırmazlık	Nitril O-ring (NBR)
Çalışma Sıcaklığı	-30 °C ile +110 °C
Isıl İşlem	İç parçalarda
Kaplama	Çinko Kaplama (Cr III Pasivasyon)
Kullanım Alanı	Genel hidrolik uygulamaları

PRPO SERIES HYDRAULIC PILOT OPERATED RELIEF VALVES (SOCKET HEAD SCREW) - POPPET VALVE BODY

Designed for demanding hydraulic circuits requiring fast response and low hysteresis, this is a pilot-operated two-stage pressure relief valve.

It blocks the flow from Port 1 to Port 2 until the preset pressure is reached at Port 1. When the system pressure reaches the adjusted pressure setting, the pilot relief mechanism is activated, allowing the main stage to open and enabling flow from Port 1 to Port 2.

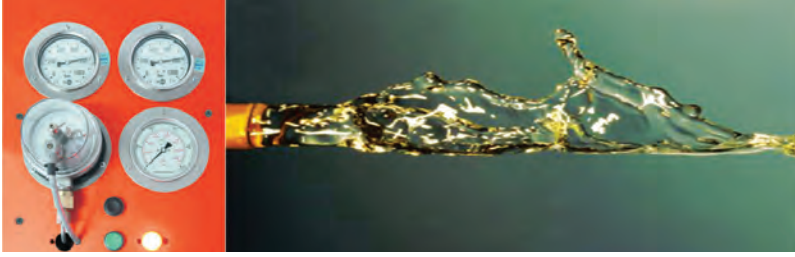
The desired pressure setting can be precisely adjusted via the socket head screw located on the valve.

Note: This valve is not suitable for cross-line relief applications.

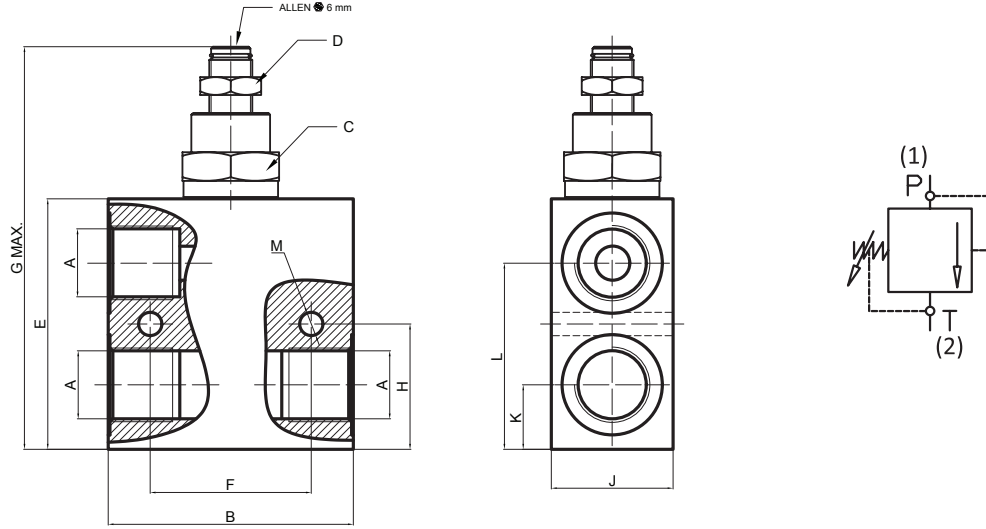


Material	Carbon Steel, Aluminium Body
Thread Size	BSP
Sealing	Nitrile O-ring (NBR)
Working Temperature	-30 °C and +110 °C
Heat Treatment	Internal parts
Plating	Zinc Plating (Cr III Passivation)
Applications	General Hydraulic Applications



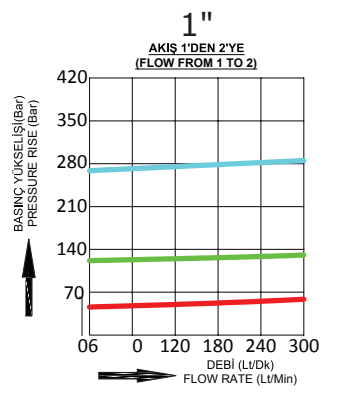
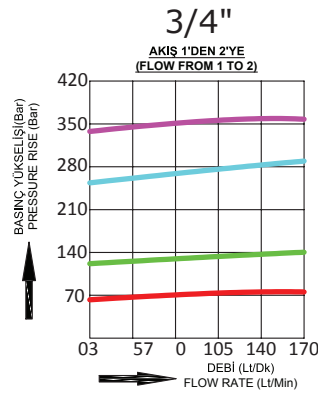
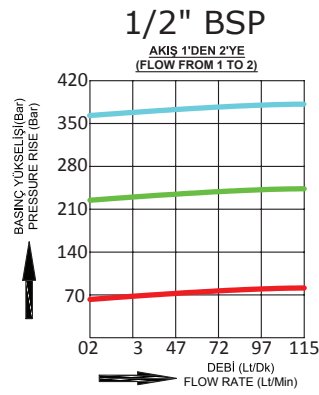
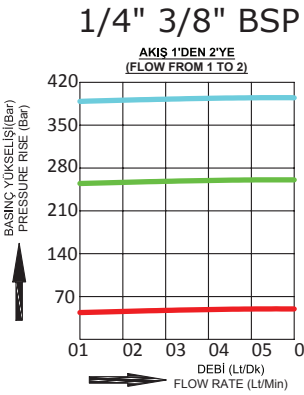


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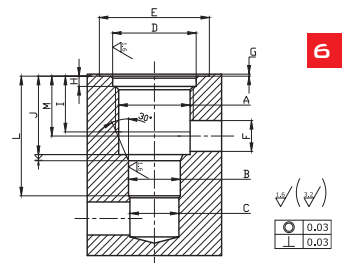
Teknik Özellikler
Technical Specifications

Kod (Code)	Vida Ölçüsü (Thread Size) A	Kavite (Cavity)	Çalışma Basıncı (Working Pressure) Bar	Max. Yağ Akışı L/dk (Max. Flow Rate- L/Min)	Her Turda Basınç Aralığı (Pressure Range per Round)	Ölçüler (Dimensions) mm										
						B	C	D	E	F	G	H	J	K	L	M
PRPOPVBSHG14N	1/4" BSP	8:2	15-400	50	210	59	AA24	AA17	60	35.30	108.50	30	30	14	47.20	Ø6.50
PRPOPVBSHG38N	3/8" BSP	8:2	15-400	50	210	59	AA24	AA17	60	35.30	108.50	30	30	14	47.20	Ø6.50
PRPOPVBSHG12N	1/2" BSP	10:2	10-400	115	180	68.50	AA27	AA17	70	45	112.50	35	34	18	52	Ø6.50
PRPOPVBSHG34N	3/4" BSP	12:2	20-400	170	105	79	AA32	AA17	85	50	124	43	39	20.50	64.50	Ø8.50
PRPOPVBSHG1N	1" BSP	16:2	25-400	300	105	78	AA38	AA17	102	56	153	51	48	24	77	Ø8.50



EMNİYET KARTRİÇİN ÇALIŞACAĞI ALAN
WORKING AREA OF THE CARTRIDGE

Kavite (Cavity)	Vida Ölçüsü (Thread Size) A	Ölçüler (Dimensions) mm													
		B	C	D	E	F	G	H	I	J	K	L	M		
8:2	3/4" 16UNF	12.70	12	20.50	27	7.50	0.50	2.50	13.50	19	1.50	29	14.50		
10:2	7/8" 14UNF	15.90	15	23.50	28	10	0.50	3	18	23.30	2	37.50	17.50		
12:2	1-1/16" 12UN	22.20	20	29	33	13	0.50	3.50	19.50	33	1.50	49.50	25		
16:2	1-5/16" 12UN	28.60	27	35.30	39	15	0.50	3.5	18	30.25	2	46.50	21.75		



6

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