

# dkSPECIAL BOOSTER - PBS

This oil pneumatic device transform a low pneumatic pressure (5 to 10 bar) into a high hydraulic pressure (>100bar)  
In these types of dkBOOSTERS the required oil volume is supplied by the dkREZERVOR.

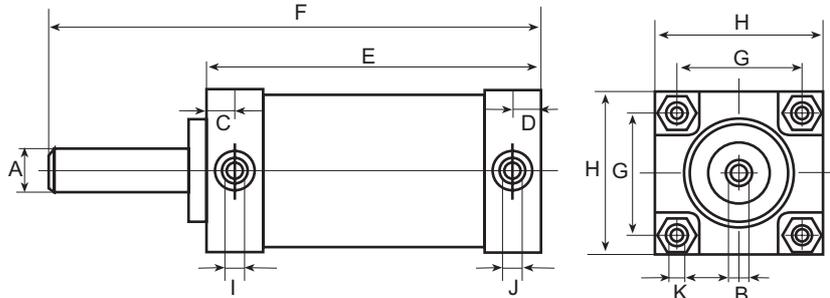
Bu hava-yağ dönüşüm elemanı sayesinde düşük hava basıncı (5-10 bar) yüksek hidrolik basıncına çevrilmesini sağlar (>100 bar).  
Bu tip dkBOOSTER'lerde, ihtiyaç duyulan yağ rezervden temin edilir.



Table general dimensions  
Genel Ölçüler

Type Tip	Bore size Boru çapı Ø	Piston rod Piston çapı Ø	Stroke Strok	Ratio Basıncı Oranı	Fluid pressure air 6 bar Akışkan basıncı 6 barda	Fluid volume stroke 130 mm Akışkan Hacmi 130 mm.de	Fluid volume stroke 10 mm Akışkan Hacmi 10 mm.de	Efficiency air at 6 bar Etkifir Verim 6 bar µ
PBS-101-150	100	22	150	20.66/1	124	50	3.80	0.85
PBS-102-150	100	30	150	11.11/1	66	92	7.06	0.85
PBS-121-150	125	22	150	32.28/1	194	50	3.80	0.85
PBS-122-150	125	30	150	17.36/1	104	92	7.06	0.85
PBS-161-150	160	22	150	52.89/1	317	50	3.80	0.9
PBS-162-150	160	30	150	28.44/1	170	92	7.06	0.9
PBS-163-150	160	40	150	16/1	96	163	12.56	0.9
PBS-201-150	200	22	150	82.64/1	495	50	3.80	0.9
PBS-202-150	200	30	150	44.44/1	266	92	7.06	0.9
PBS-203-150	200	40	150	25.00/1	150	163	12.56	0.9

Measurements in mm / Ölçüler mm.dir



Formulas to calculate differant strokes from the standart ones :  $E=X+Stroke$ ,  $F=Y+2Stroke$   
Farklı stroklar şöyle hesaplanabilir :  $E=X+strok$ ,  $F=Y+2strok$

Table general dimensions  
Genel Ölçüler

Type Tip	Bore size Boru çapı Ø	Useful stroke Kullanılan Strok	A	B	C	D	E	F	G	H	I	J	K	X	Y
PBS-101-150	100	130	38	1/2"	20	20	283	433	93.3	120	1/2"	1/2"	M 8	153	173
PBS-121-150	125	130	38	1/2"	25	23	283	443	106	140	1/2"	1/2"	M12	163	183
PBS-161-150	160	130	55	1/2"	25	23	295	442	134.4	180	3/4"	1/2"	M14	165	183
PBS-201-150	200	130	55	1/2"	25	23	306	453	165.5	220	1/2"	1/2"	M16	176	193

Measurements in mm / Ölçüler mm.dir

The power is stated  $\pm 5\%$  Güç değişimi  $\pm 5\%$

