

Pressure Tables

IMPORTANT NOTICE

The pressures specified in this document are to be used as a guide only, not as a standard, specification or guaranteed minimum.

Many factors influence the pressure at which a system will operate. These factors include torque settings, alignment, vibration, external environment, correctness of installation, alignment,

adequate support, temperature limits, pressures and pulses.

The Maximum Rated Working Pressure on an assembly or installation is the Maximum Rated Working Pressure of the component/connection with the least rating.

BSPT						
Dash	Male Fixed		Male Swivel		Female Fixed	
	Bar	PSI	Bar	PSI	Bar	PSI
-02	690	10000			550	8000
-04	650	9500	260	3750	550	8000
-06	550	8000	200	3000	520	7500
-08	410	6000	170	2500	380	5500
-10	340	5000	170	2500	275	4000
-12	340	5000	170	2500	275	4000
-16	275	4000			240	3500
-20	200	3000			200	3000
-24	140	2000			175	2500
-32	140	2000			140	2000

BSPP						
Dash	Male Encapsulated		Male Adjustable		Female Swivel	
	Bar	PSI	Bar	PSI	Bar	PSI
-02	600	8700	275	4000	550	8000
-04	600	8700	275	4000	550	8000
-06	600	8700	275	4000	520	7500
-08	400	6000	275	4000	380	5500
-12	400	6000	170	2500	275	4000
-16	400	6000	170	2500	240	3500
-20	380	5500	140	2000	200	3000
-24	380	5500	140	2000	175	2500
-32	250	3500			140	2000

Pressure Tables

JIC				
Dash	Male		Female	
	Bar	PSI	Bar	PSI
-07	480	7000	480	7000
-08	480	7000	480	7000
-09	345	5000	345	5000
-12	275	4000	275	4000
-14	260	3800	260	3800
-17	240	3500	240	3300
-21	225	3000	225	3500
-26	170	2500	170	2500
-30	145	2100	145	2100
-40	120	1750	120	1750

UNO				
Dash	Male Fixed		Male Adjustable	
	Bar	PSI	Bar	PSI
-07	310	4500	310	4500
-08	310	4500	310	4500
-09	310	4500	240	3500
-12	310	4500	240	3500
-14	240	3500	205	3000
-17	240	3500	205	3000
-21	205	3000	170	2500
-26	170	2500	135	2000
-30	170	2500	135	2000
-40	135	2000	100	1500

NPT						
Dash	Male Fixed		Male Swivel		Female Fixed	
	Bar	PSI	Bar	PSI	Bar	PSI
-02	690	10000			550	8000
-04	650	9500	260	3750	550	8000
-06	550	8000	200	3000	520	7500
-08	410	6000	170	2500	380	5500
-12	340	5000	170	2500	275	4000
-16	275	4000			240	3500
-20	200	3000			200	3000
-24	140	2000			175	2500
-32	140	2000			140	2000

Pressure Tables

SAE Flange				
Dash	CD 61		CD 62	
	Bar	PSI	Bar	PSI
-08	345	5000	410	6000
-12	345	5000	410	6000
-16	345	5000	410	6000
-20	275	4000	410	6000
-24	205	3000	410	6000
-32	205	3000	410	6000

JIS (Komatsu)				
Dash	Male		Female	
	Bar	PSI	Bar	PSI
-14(M)	450	6500	410	6000
-16(M)	450	6500	410	6000
-22(M)	410	6000	380	5500
-24(M)	345	5000	310	4500
-30(M)	275	4000	260	3750