

Hydraulic Hose

精緻210型 高壓油管

SAE J517 100R17

Application : Hydraulic, curde, fuel and lubricating oils. Meet J517 100R16(S Type). Smaller bending radius, light weight design, suitable for use in confined spaces. Full size spec. are the same 21MPa design, easy to choose.

Construction

Tube: NBR - oil resistant black synthetic rubber.

Cover: CR - oil,abrasion, weather aging and ozone resistant synthetic rubber.

Reinforcement: 1 or 2 high tensile steel braid

Temp.Range: -40 °C ~ +100°C

Operating temperature in excess of 100°C may materially reduce the service life of hose assembly.

Max. change in length: -4% ~+2% (Under W.P.)

用途

一般作動油,符合SAE J517 100R17 較小彎曲半徑、輕量化,各全尺寸均以壓力210 bar 設計,選用方便。

構造

內管層: 耐油性佳之合成橡膠配方

外管層: 耐油,耐磨,耐候性橡膠配方

補強層: 1層或2層高張力鋼絲編織

適用溫度: -40 °C ~ +100°C

注意!! 使用溫度超過100°C時,會顯著降低夾合膠管使用壽命.

爆破壓力: 工作壓力x4

長度加壓變化: -4% ~+2% (在工作壓力下)

Hose I.D . Size 膠管內徑			Reinforcement 補強層		Hose O.D. 膠管外徑	Min B.R. 最小彎曲半徑	Approx.Wt. 約當重量	SAE 100R17	
								Max.W.P. 工作壓力	Min.B.P. 爆破壓力
dash	inch	(mm)	braid 編織	O.D. mm	mm	mm	kg/m	MPa (psi)	MPa (psi)
-4	1/4	(6.4)	1W	10.3	13.4	50	0.23	21	84
								(3,000)	(12,000)
-6	3/8	(9.5)	2W	14.3	16.7	65	0.38	21	84
								(3,000)	(12,000)
-8	1/2	(12.7)	2W	18.2	20.4	90	0.50	21	84
								(3,000)	(12,000)
-10	5/8	(15.9)	2W	21.5	24.1	100	0.69	21	84
								(3,000)	(12,000)
-12	3/4	(19.0)	2W	26.2	28.8	120	0.93	21	84
								(3,000)	(12,000)
-16	1	(25.4)	2W	33.0	35.9	150	1.25	21	84
								(3,000)	(12,000)