PH21E - SpiraXcel C5000

Applicable Standard : ISO 18752 - CC

Construction

Inner tube	Synthetic rubber - black resistant to oil and water
Reinforcement	Double steel wire braids (DN06 - 08) Four high tensile steel wire spirals (DN10 - 31) Six high tensile steel wire spirals (DN38)
Cover	Synthetic rubber - black resistant to abrasion and weather, oil & ozone.
Application	Designed for constant pressure hydraulic lines up to 350 bar, this hose is suitable for use with petroleum or water based fluids in hydraulic systems. It is ideally suited for agricultural, construction, and material handling equipment and systems, where high flexibility and low bending force are essential for ease of installation in confined or complex routing conditions.

Item Code	Dash Size	DN	Hose Structure	ID		OD		WP		BP		BR/r		W
				inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH21E-04	-04	06	2WB	1/4	6.7	0.52	13.2	5000	350	20000	1400	2.0	50	0.330
PH21E-05	-05	08	2WB	5/16	8.2	0.59	15.0	5000	350	20000	1400	2.2	55	0.380
PH21E-06	-06	10	4WS	3/8	9.8	0.77	19.5	5000	350	20000	1400	2.5	63	0.660
PH21E-08	-08	12	4WS	1/2	13.1	0.88	22.4	5000	350	20000	1400	3.5	90	0.790
PH21E-10	-10	16	4WS	5/8	16.2	1.06	27.0	5000	350	20000	1400	3.9	100	1.260
PH21E-12	-12	19	4WS	3/4	19.3	1.16	29.5	5000	350	20000	1400	4.7	120	1.390
PH21E-16	-16	25	4WS	1	25.9	1.43	36.4	5000	350	20000	1400	5.9	150	1.930
PH21E-20	-20	31	4WS	1.1/4	32.2	1.74	44.3	5000	350	20000	1400	8.2	208	2.525
PH21E-24	-24	38	6WS	1.1/2	38.7	2.26	57.3	5000	350	20000	1400	12.0	305	4.970

Temperature Range : Continuous: -40°C to +120°C

Impulse Cycles : 500,000