

2245N

PERFORMANCE EXCEEDS SAE 100R9



General applications

#												
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	
2245N-04V00	6	-04	6.3	1/4	12.5	450	6,525	1800	16,100	70.0	0.25	
2245N-05V00	8	-05	8.2	5/16	14.3	440	5,800	1600	23,200	100.0	0.32	
2245N-06V00	10	-06	9.7	3/8	17.0	375	5,435	1500	21,750	120.0	0.42	
2245N-08V00	12	-08	12.8	1/2	20.7	350	5,075	1400	20,300	165.0	0.52	
2245N-10V30	16	-10	16.0	5/8	24.5	330	4,785	1320	19,140	200.0	0.72	
2245N-12V30	20	-12	19.6	3/4	28.5	300	4,350	1200	17,400	240.0	0.92	
2245N-16V30	25	-16	25.0	1	34.0	275	3,985	1100	15,950	280.0	1.15	

APPLICATIONS

High pressure service for general industrial and mobile hydraulic applications as well as with gases. Suitable for a wide variety of fluids due to the polyamide core tube.

FEATURES

- High working pressures for large bore sizes
- Combination of spiral and braided wire reinforcement
- Excellent chemical resistance due to polyamide core tube

CONSTRUCTION

Core tube: Polyamide.
Pressure reinforcement: Two spiral layers of high tensile steel wire, one braided layer of steel wire.
Cover: Polyurethane; -10 and above: polyamide.
Colour: Black; other colours on request.

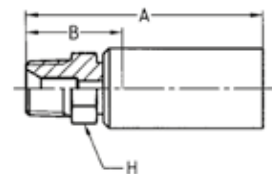
TEMPERATURE RANGE

-40°C up to +100°C (short term +120°C) for petroleum or synthetic hydraulic fluids.

FITTINGS

National pipe tapered (NPT) male: Galvanised steel with transparent Cr(IV)-free plating. Other materials available on request.

#						A	B		
	DN	size	mm	inch		mm	mm	mm	bar
101NX-4-04	6	-04	6.4	1/4	1/4 - 18 NPTF	65.0	33.0	14.0	345
101NX-6-05	8	-05	7.9	5/16	3/8 - 18 NPTF	64.0	30.0	19.0	275
101NX-6-06	10	-06	9.5	3/8	3/8 - 18 NPTF	71.0	31.0	19.0	275
101NX-8-06	10	-06	9.5	3/8	1/2 - 14 NPTF	76.0	36.0	22.0	240
101NX-8-08	12	-08	12.7	1/2	1/2 - 14 NPTF	79.0	37.0	22.0	240
101NX-12-10	16	-10	15.9	1/2	3/4 - 14 NPTF	89.0	38.0	27.0	210
101NX-12-12	20	-12	19.0	3/4	3/4 - 14 NPTF	91.0	40.0	27.0	210
101NX-16-12	20	-12	19.0	3/4	1 - 11 1/2 NPTF	96.0	45.0	36.0	170
101NX-16-16	25	-16	25.4	1	1 - 11 1/2 NPTF	96.0	45.0	36.0	170
101NX-20-16	25	-16	25.4	1	1 1/4 - 11 1/2 NPTF	97.0	46.0	46.0	150



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request. We reserve the right to make technical changes without notice.



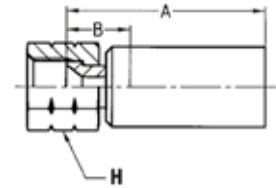
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THERMOPLASTIC - MEDIUM PRESSURE

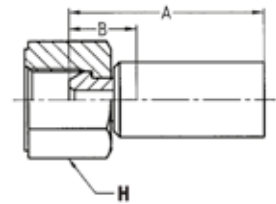
SAE (JIC) 37° female swivel: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#						A	B		
	DN	size	mm	inch					
106NX-4-04	6	-04	6.4	1/4	7/16 - 20 UNF	58.0	25.0	19.0	410
106NX-5-04	6	-04	6.4	1/4	1/2 - 20 UNF	55.0	23.0	19.0	410
106NX-6-05	8	-05	7.9	5/16	9/16 - 18 UNF	50.0	16.0	19.0	345
106NX-6-06	10	-06	9.5	3/8	9/16 - 18 UNF	59.0	18.0	22.0	345
106NX-8-06	10	-06	9.5	3/8	3/4 - 16 UNF	59.0	19.0	24.0	345
106NX-8-08	12	-08	12.7	1/2	3/4 - 16 UNF	64.0	21.0	27.0	345
106NX-10-08	12	-08	12.7	1/2	7/8 - 14 UNF	62.0	19.0	27.0	345
106NX-10-10	16	-10	15.9	5/8	7/8 - 14 UNF	73.0	22.0	27.0	345
106NX-12-10	16	-10	15.9	5/8	1 1/16 - 12 UNF	73.0	22.0	32.0	345
106NX-12-12	20	-12	19.0	3/4	1 1/16 - 12 UNF	79.0	28.0	36.0	345
106NX-16-12	20	-12	19.0	3/4	1 5/16 - 12 UNF	75.0	24.0	41.0	275
106NX-16-16	25	-16	25.4	1	1 5/16 - 12 UNF	77.0	26.0	41.0	275
106NX-20-16	25	-16	25.4	1	1 5/8 - 12 UNF	75.0	24.0	50.0	200



BSP Female swivel 60° cone: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#						A	B		
	DN	size	mm	inch					
192NX-4-04	6	-04	6.4	1/4	G 1/4	56.0	25.0	19.0	630
192NX-6-05	8	-05	7.9	5/16	G 3/8	52.0	18.0	22.0	550
192NX-6-06	10	-06	9.5	3/8	G 3/8	59.0	19.0	22.0	550
192NX-8-06	10	-06	9.5	3/8	G 1/2	60.0	20.0	27.0	430
192NX-8-08	12	-08	12.7	1.2	G 1/2	63.0	20.0	27.0	430
192NX-12-10	16	-10	15.9	5/8	G 3/4	73.0	22.0	32.0	375
192NX-12-12	20	-12	19.0	3/4	G 3/4	77.0	26.0	32.0	375
192NX-16-12	20	-12	19.0	3/4	G 1	77.0	26.0	41.0	280
192NX-16-16	25	-16	25.4	1	G 1	88.0	27.0	41.0	280
192NX-20-16	25	-16	25.4	1	G 1 1/4	77.0	26.0	50.0	250



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