

.312 Dia., 90 Gr. JHC Power Jacket

POINT BLANK RANGE COMPUTED FOR 2.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE YARDS	MUZZLE	10	20	30	40	50	75	100
MAXIMUM POINT BLANK RANGE IS 120 YARDS. SET ZERO AT 100 YARDS.								
VELOCITY FPS	1600	1548	1499	1451	1405	1361	1260	1174
ENERGY FT-LB	511	479	449	420	394	370	317	275
DROP INCHES	.00	-.07	-.28	-.65	-1.18	-1.89	-4.51	-8.49
BULLET PATH (20 YDS)	-.75	-.30	.00	.15	.13	-.07	-1.40	-4.10
INCHES (30 YDS)	-.75	-.35	-.10	.00	-.07	-.31	-1.76	-4.59
(ZERO RANGE) (40 YDS)	-.75	-.33	-.06	.05	.00	-.23	-1.64	-4.42
(50 YDS)	-.75	-.29	.03	.19	.18	.00	-1.30	-3.97
MPBR ZERO (100 YDS)	-.75	.11	.82	1.38	1.77	1.98	1.68	.00
WIND DRIFT (10 MPH)	.00	.05	.22	.50	.90	1.42	3.25	5.86
INCHES (20 MPH)	.00	.11	.44	1.00	1.79	2.83	6.50	11.72

MAXIMUM POINT BLANK RANGE IS 115 YARDS. SET ZERO AT 95 YARDS.								
VELOCITY FPS	1550	1500	1452	1406	1362	1320	1224	1144
ENERGY FT-LB	480	449	421	395	370	348	299	261
DROP INCHES	.00	-.07	-.30	-.69	-1.26	-2.01	-4.80	-9.04
BULLET PATH (20 YDS)	-.75	-.30	.00	.13	.09	-.14	-1.62	-4.54
INCHES (30 YDS)	-.75	-.34	-.09	.00	-.09	-.36	-1.95	-4.98
(ZERO RANGE) (40 YDS)	-.75	-.32	-.04	.07	.00	-.25	-1.78	-4.77
(50 YDS)	-.75	-.27	.06	.22	.20	.00	-1.41	-4.26
MPBR ZERO (95 YDS)	-.75	.11	.81	1.34	1.70	1.88	1.41	-.51
WIND DRIFT (10 MPH)	.00	.06	.23	.51	.92	1.45	3.33	5.97
INCHES (20 MPH)	.00	.11	.45	1.03	1.85	2.91	6.65	11.94

MAXIMUM POINT BLANK RANGE IS 115 YARDS. SET ZERO AT 95 YARDS.								
VELOCITY FPS	1500	1452	1406	1361	1319	1279	1190	1117
ENERGY FT-LB	449	421	395	370	348	327	283	249
DROP INCHES	.00	-.08	-.32	-.74	-1.34	-2.15	-5.12	-9.62
BULLET PATH (20 YDS)	-.75	-.29	.00	.12	.05	-.22	-1.86	-5.02
INCHES (30 YDS)	-.75	-.33	-.08	.00	-.11	-.42	-2.15	-5.41
(ZERO RANGE) (40 YDS)	-.75	-.30	-.02	.08	.00	-.28	-1.94	-5.14
(50 YDS)	-.75	-.25	.09	.25	.23	.00	-1.52	-4.57
MPBR ZERO (95 YDS)	-.75	.16	.90	1.46	1.84	2.02	1.50	-.54
WIND DRIFT (10 MPH)	.00	.06	.23	.53	.95	1.49	3.39	6.05
INCHES (20 MPH)	.00	.12	.47	1.06	1.90	2.98	6.78	12.09

MAXIMUM POINT BLANK RANGE IS 110 YARDS. SET ZERO AT 90 YARDS.								
VELOCITY FPS	1450	1404	1359	1317	1278	1240	1158	1092
ENERGY FT-LB	420	393	369	347	326	307	267	238
DROP INCHES	.00	-.08	-.34	-.79	-1.44	-2.30	-5.46	-10.25
BULLET PATH (20 YDS)	-.75	-.29	.00	.10	.00	-.32	-2.12	-5.54
INCHES (30 YDS)	-.75	-.32	-.07	.00	-.13	-.48	-2.37	-5.87
(ZERO RANGE) (40 YDS)	-.75	-.29	.00	.10	.00	-.31	-2.11	-5.53
(50 YDS)	-.75	-.22	.13	.29	.25	.00	-1.64	-4.91
MPBR ZERO (90 YDS)	-.75	.15	.88	1.42	1.76	1.89	1.18	-1.14
WIND DRIFT (10 MPH)	.00	.06	.24	.54	.97	1.52	3.44	6.09
INCHES (20 MPH)	.00	.12	.48	1.08	1.94	3.04	6.88	12.18

MAXIMUM POINT BLANK RANGE IS 110 YARDS. SET ZERO AT 90 YARDS.								
VELOCITY FPS	1400	1356	1314	1274	1237	1202	1127	1071
ENERGY FT-LB	391	367	345	324	306	289	253	229
DROP INCHES	.00	-.09	-.37	-.85	-1.54	-2.46	-5.84	-10.93
BULLET PATH (20 YDS)	-.75	-.28	.00	.08	-.06	-.42	-2.40	-6.09
INCHES (30 YDS)	-.75	-.31	-.05	.00	-.16	-.55	-2.60	-6.36
(ZERO RANGE) (40 YDS)	-.75	-.27	.03	.12	.00	-.35	-2.30	-5.95
(50 YDS)	-.75	-.20	.17	.33	.28	.00	-1.78	-5.26
MPBR ZERO (90 YDS)	-.75	.21	.98	1.55	1.90	2.03	1.26	-1.21
WIND DRIFT (10 MPH)	.00	.06	.24	.55	.99	1.54	3.46	6.07
INCHES (20 MPH)	.00	.12	.49	1.11	1.97	3.09	6.92	12.14

MAXIMUM POINT BLANK RANGE IS 105 YARDS. SET ZERO AT 85 YARDS.

VELOCITY FPS		1350	1308	1269	1232	1198	1166	1097	1050
ENERGY FT-LB		364	342	321	303	286	271	240	220
DROP INCHES		.00	-.10	-.39	-.91	-1.65	-2.64	-6.25	-11.66
BULLET PATH	(20 YDS)	-.75	-.27	.00	.06	-.11	-.53	-2.71	-6.68
INCHES	(30 YDS)	-.75	-.29	-.04	.00	-.19	-.62	-2.85	-6.87
(ZERO RANGE)	(40 YDS)	-.75	-.25	.06	.14	.00	-.39	-2.49	-6.40
	(50 YDS)	-.75	-.17	.21	.37	.31	.00	-1.92	-5.63
MPBR ZERO	(85 YDS)	-.75	.21	.96	1.49	1.80	1.87	.89	-1.89
WIND DRIFT	(10 MPH)	.00	.06	.25	.56	.99	1.55	3.45	5.97
INCHES	(20 MPH)	.00	.12	.50	1.12	1.99	3.10	6.90	11.95

RANGE YARDS	MUZZLE	10	20	30	40	50	75	100
-------------	--------	----	----	----	----	----	----	-----

MAXIMUM POINT BLANK RANGE IS 100 YARDS. SET ZERO AT 85 YARDS.

VELOCITY FPS		1300	1261	1224	1191	1159	1130	1073	1030
ENERGY FT-LB		337	317	299	283	268	255	230	212
DROP INCHES		.00	-.10	-.43	-.98	-1.78	-2.84	-6.69	-12.43
BULLET PATH	(20 YDS)	-.75	-.27	.00	.03	-.18	-.65	-3.04	-7.30
INCHES	(30 YDS)	-.75	-.28	-.02	.00	-.22	-.70	-3.12	-7.42
(ZERO RANGE)	(40 YDS)	-.75	-.22	.09	.17	.00	-.42	-2.70	-6.86
	(50 YDS)	-.75	-.14	.26	.42	.34	.00	-2.07	-6.01
MPBR ZERO	(85 YDS)	-.75	.26	1.06	1.62	1.94	2.00	.94	-2.00
WIND DRIFT	(10 MPH)	.00	.06	.25	.56	.99	1.54	3.39	5.79
INCHES	(20 MPH)	.00	.12	.50	1.12	1.98	3.08	6.78	11.58

MAXIMUM POINT BLANK RANGE IS 100 YARDS. SET ZERO AT 80 YARDS.

VELOCITY FPS		1250	1214	1181	1150	1122	1097	1050	1010
ENERGY FT-LB		312	294	278	264	251	240	220	204
DROP INCHES		.00	-.11	-.46	-1.06	-1.92	-3.05	-7.17	-13.26
BULLET PATH	(20 YDS)	-.75	-.26	.00	.01	-.25	-.77	-3.38	-7.96
INCHES	(30 YDS)	-.75	-.26	-.01	.00	-.26	-.79	-3.40	-7.98
(ZERO RANGE)	(40 YDS)	-.75	-.20	.12	.19	.00	-.47	-2.92	-7.34
	(50 YDS)	-.75	-.10	.31	.47	.37	.00	-2.22	-6.41
MPBR ZERO	(80 YDS)	-.75	.26	1.03	1.56	1.82	1.81	.49	-2.79
WIND DRIFT	(10 MPH)	.00	.06	.25	.55	.97	1.51	3.25	5.51
INCHES	(20 MPH)	.00	.12	.49	1.10	1.95	3.02	6.50	11.01

MAXIMUM POINT BLANK RANGE IS 95 YARDS. SET ZERO AT 80 YARDS.

VELOCITY FPS		1200	1167	1138	1111	1088	1069	1027	990
ENERGY FT-LB		287	272	258	246	236	228	210	196
DROP INCHES		.00	-.12	-.50	-1.14	-2.07	-3.29	-7.68	-14.13
BULLET PATH	(20 YDS)	-.75	-.25	.00	-.02	-.32	-.91	-3.75	-8.64
INCHES	(30 YDS)	-.75	-.24	.01	.00	-.29	-.88	-3.70	-8.57
(ZERO RANGE)	(40 YDS)	-.75	-.17	.16	.22	.00	-.51	-3.15	-7.84
	(50 YDS)	-.75	-.06	.37	.53	.41	.00	-2.38	-6.81
MPBR ZERO	(80 YDS)	-.75	.32	1.14	1.69	1.96	1.93	.52	-2.94
WIND DRIFT	(10 MPH)	.00	.06	.24	.53	.94	1.43	3.03	5.12
INCHES	(20 MPH)	.00	.12	.48	1.07	1.87	2.86	6.06	10.24

MAXIMUM POINT BLANK RANGE IS 90 YARDS. SET ZERO AT 75 YARDS.

VELOCITY FPS		1150	1122	1097	1077	1058	1041	1003	968
ENERGY FT-LB		264	251	240	231	223	216	201	187
DROP INCHES		.00	-.13	-.54	-1.24	-2.23	-3.54	-8.22	-15.06
BULLET PATH	(20 YDS)	-.75	-.24	.00	-.05	-.40	-1.06	-4.13	-9.36
INCHES	(30 YDS)	-.75	-.22	.03	.00	-.33	-.98	-4.01	-9.19
(ZERO RANGE)	(40 YDS)	-.75	-.14	.20	.25	.00	-.56	-3.38	-8.36
	(50 YDS)	-.75	-.02	.42	.59	.45	.00	-2.54	-7.24
MPBR ZERO	(75 YDS)	-.75	.31	1.10	1.60	1.80	1.69	.00	-3.85
WIND DRIFT	(10 MPH)	.00	.06	.23	.49	.85	1.28	2.72	4.63
INCHES	(20 MPH)	.00	.12	.45	.99	1.69	2.57	5.45	9.26

MAXIMUM POINT BLANK RANGE IS 90 YARDS. SET ZERO AT 75 YARDS.

VELOCITY FPS		1100	1079	1061	1043	1027	1012	978	940
--------------	--	------	------	------	------	------	------	-----	-----

ENERGY FT-LB		241	232	225	217	211	204	191	176
DROP INCHES		.00	-.14	-.58	-1.33	-2.40	-3.80	-8.80	-16.07
BULLET PATH	(20 YDS)	-.75	-.23	.00	-.08	-.48	-1.21	-4.54	-10.14
INCHES	(30 YDS)	-.75	-.20	.05	.00	-.37	-1.08	-4.33	-9.87
(ZERO RANGE)	(40 YDS)	-.75	-.11	.24	.28	.00	-.61	-3.63	-8.93
	(50 YDS)	-.75	.02	.49	.65	.49	.00	-2.72	-7.72
MPBR ZERO	(75 YDS)	-.75	.38	1.21	1.73	1.94	1.81	.00	-4.09
WIND DRIFT	(10 MPH)	.00	.05	.18	.40	.69	1.07	2.34	4.10
INCHES	(20 MPH)	.00	.09	.36	.79	1.39	2.14	4.68	8.21

MAXIMUM POINT BLANK RANGE IS 85 YARDS. SET ZERO AT 70 YARDS.

VELOCITY FPS		1050	1033	1017	1003	989	976	938	904
ENERGY FT-LB		220	213	207	201	195	190	175	163
DROP INCHES		.00	-.16	-.64	-1.46	-2.62	-4.13	-9.55	-17.42
BULLET PATH	(20 YDS)	-.75	-.21	.00	-.12	-.59	-1.41	-5.09	-11.23
INCHES	(30 YDS)	-.75	-.17	.08	.00	-.43	-1.21	-4.78	-10.82
(ZERO RANGE)	(40 YDS)	-.75	-.06	.30	.32	.00	-.67	-3.98	-9.75
	(50 YDS)	-.75	.07	.57	.72	.54	.00	-2.97	-8.40
MPBR ZERO	(70 YDS)	-.75	.38	1.19	1.66	1.79	1.56	-.63	-5.28
WIND DRIFT	(10 MPH)	.00	.04	.16	.36	.63	.97	2.20	3.96
INCHES	(20 MPH)	.00	.08	.32	.71	1.26	1.94	4.39	7.92

POINT BLANK RANGE COMPUTED FOR 2.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE YARDS		MUZZLE	10	20	30	40	50	75	100
-------------	--	--------	----	----	----	----	----	----	-----

MAXIMUM POINT BLANK RANGE IS 85 YARDS. SET ZERO AT 70 YARDS.

VELOCITY FPS		1000	986	973	957	942	927	894	865
ENERGY FT-LB		199	194	189	183	177	171	160	149
DROP INCHES		.00	-.17	-.70	-1.60	-2.87	-4.54	-10.49	-19.15
BULLET PATH	(20 YDS)	-.75	-.20	.00	-.17	-.72	-1.66	-5.80	-12.65
INCHES	(30 YDS)	-.75	-.14	.11	.00	-.49	-1.37	-5.37	-12.07
(ZERO RANGE)	(40 YDS)	-.75	-.02	.36	.37	.00	-.76	-4.45	-10.84
	(50 YDS)	-.75	.14	.66	.82	.61	.00	-3.31	-9.33
MPBR ZERO	(70 YDS)	-.75	.48	1.36	1.87	2.00	1.74	-.70	-5.85
WIND DRIFT	(10 MPH)	.00	.04	.15	.34	.62	.99	2.28	4.08
INCHES	(20 MPH)	.00	.07	.29	.67	1.24	1.97	4.56	8.17

MAXIMUM POINT BLANK RANGE IS 80 YARDS. SET ZERO AT 65 YARDS.

VELOCITY FPS		950	935	921	908	895	883	854	827
ENERGY FT-LB		180	174	169	164	160	155	145	136
DROP INCHES		.00	-.19	-.77	-1.77	-3.18	-5.03	-11.63	-21.20
BULLET PATH	(20 YDS)	-.75	-.18	.00	-.23	-.89	-1.97	-6.66	-14.33
INCHES	(30 YDS)	-.75	-.10	.15	.00	-.58	-1.59	-6.08	-13.55
(ZERO RANGE)	(40 YDS)	-.75	.04	.44	.43	.00	-.87	-5.00	-12.11
	(50 YDS)	-.75	.22	.79	.95	.69	.00	-3.70	-10.38
MPBR ZERO	(65 YDS)	-.75	.51	1.37	1.82	1.85	1.44	-1.54	-7.49
WIND DRIFT	(10 MPH)	.00	.04	.17	.39	.69	1.07	2.37	4.18
INCHES	(20 MPH)	.00	.09	.35	.78	1.37	2.13	4.74	8.35

MAXIMUM POINT BLANK RANGE IS 75 YARDS. SET ZERO AT 60 YARDS.

VELOCITY FPS		900	887	875	864	852	842	816	791
ENERGY FT-LB		161	157	153	149	145	141	133	125
DROP INCHES		.00	-.21	-.86	-1.96	-3.53	-5.57	-12.86	-23.39
BULLET PATH	(20 YDS)	-.75	-.15	.00	-.30	-1.06	-2.30	-7.57	-16.09
INCHES	(30 YDS)	-.75	-.06	.20	.00	-.66	-1.80	-6.83	-15.10
(ZERO RANGE)	(40 YDS)	-.75	.11	.53	.50	.00	-.97	-5.58	-13.44
	(50 YDS)	-.75	.31	.92	1.08	.78	.00	-4.12	-11.49
MPBR ZERO	(60 YDS)	-.75	.52	1.34	1.72	1.63	1.06	-2.53	-9.37
WIND DRIFT	(10 MPH)	.00	.04	.16	.37	.65	1.01	2.27	4.02
INCHES	(20 MPH)	.00	.08	.33	.73	1.30	2.03	4.54	8.05

MAXIMUM POINT BLANK RANGE IS 75 YARDS. SET ZERO AT 60 YARDS.

VELOCITY FPS		850	839	828	818	808	798	775	746
ENERGY FT-LB		144	140	137	133	130	127	120	111
DROP INCHES		.00	-.23	-.96	-2.19	-3.94	-6.22	-14.31	-26.03

BULLET PATH	(20 YDS)	-.75	-.13	.00	-.38	-1.27	-2.70	-8.65	-18.23
INCHES	(30 YDS)	-.75	.00	.25	.00	-.77	-2.07	-7.71	-16.97
(ZERO RANGE)	(40 YDS)	-.75	.19	.64	.58	.00	-1.11	-6.27	-15.05
	(50 YDS)	-.75	.41	1.08	1.24	.89	.00	-4.61	-12.84
MPBR ZERO	(60 YDS)	-.75	.65	1.55	1.95	1.83	1.19	-2.83	-10.46
WIND DRIFT	(10 MPH)	.00	.04	.16	.36	.64	.99	2.24	4.06
INCHES	(20 MPH)	.00	.08	.32	.72	1.27	1.99	4.47	8.12

MAXIMUM POINT BLANK RANGE IS 70 YARDS. SET ZERO AT 55 YARDS.

VELOCITY FPS		800	790	781	770	758	747	718	692
ENERGY FT-LB		127	124	121	118	115	111	103	95
DROP INCHES		.00	-.25	-1.06	-2.44	-4.41	-6.98	-16.17	-29.55
BULLET PATH	(20 YDS)	-.75	-.10	.00	-.47	-1.53	-3.19	-10.11	-21.23
INCHES	(30 YDS)	-.75	.06	.31	.00	-.90	-2.41	-8.93	-19.66
(ZERO RANGE)	(40 YDS)	-.75	.29	.77	.68	.00	-1.28	-7.24	-17.40
	(50 YDS)	-.75	.54	1.28	1.44	1.02	.00	-5.32	-14.85
MPBR ZERO	(55 YDS)	-.75	.68	1.55	1.85	1.56	.68	-4.31	-13.49
WIND DRIFT	(10 MPH)	.00	.04	.16	.36	.67	1.08	2.59	4.81
INCHES	(20 MPH)	.00	.08	.32	.72	1.33	2.16	5.19	9.63

MAXIMUM POINT BLANK RANGE IS 65 YARDS. SET ZERO AT 50 YARDS.

VELOCITY FPS		750	738	727	716	705	694	668	644
ENERGY FT-LB		112	108	105	102	99	96	89	82
DROP INCHES		.00	-.29	-1.22	-2.81	-5.07	-8.03	-18.63	-34.08
BULLET PATH	(20 YDS)	-.75	-.06	.00	-.60	-1.88	-3.85	-11.99	-24.97
INCHES	(30 YDS)	-.75	.14	.40	.00	-1.08	-2.85	-10.49	-22.97
(ZERO RANGE)	(40 YDS)	-.75	.41	.94	.81	.00	-1.51	-8.47	-20.28
	(50 YDS)	-.75	.71	1.54	1.71	1.20	.00	-6.21	-17.27
MPBR ZERO	(50 YDS)	-.75	.71	1.54	1.71	1.20	.00	-6.21	-17.27
WIND DRIFT	(10 MPH)	.00	.06	.22	.50	.89	1.39	3.16	5.67
INCHES	(20 MPH)	.00	.11	.44	1.00	1.78	2.78	6.32	11.34