

PRODUCT INFORMATION PACKET



Model No: 91130-81

Catalog No: 91130-81

B-91130-81 TACHOMETER/HS35R/1024/1.00 SH - HS35R1024H1RA

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Nameplate Specifications

Technical Specifications

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DASH	VENDOR PART NUMBER	REV	SHAFT SIZE	FIG	TERMINATION	MOUNTING DASH
11-13-2000	30	NA	-	1	DBL. PIGTAIL	1
11-13-2000	29	NA	10	1	DBL. PIGTAIL	1
11-13-2000	28	HS35R2048H7R7	-	1	DBL. MS CONN	1
11-13-2000	27	HS35R1024H7R7	10	1	DBL. MS CONN	1
11-13-2000	26	HS35R2048H6R7	-	1	DBL. MS CONN	1
11-13-2000	25	HS35R102486R7	-	1	DBL. MS CONN	1
11-13-2000	24	HS35R204886R7	-	1	DBL. MS CONN	1
10-11-2000	23	USE -25				
08-22-2000	22	HS35R012084P7	-	1	MS CONN	1
	21	HS35R030084P7	10	1	MS CONN	1
06-08-2000	20	HS35R001284P7	-	1	MS CONN	
02-21-2000	19	HS35R2500H4P7	-	1	MS CONN	1
10-07-1999	18	HS35R1024H5N7	-	2	MS CONN	1
02-12-1999	17	SEE DWG 93285 PG 2,-17 FOR PART NUMBER	15	1	PIG TAIL	1
10-22-1998	16	HS35R0512H4P7	15	1	MS CONN	1
05-15-1998	15	HS35R051284P7	-	1	MS CONN	1
05-15-1998	14	HS35R0512H5P7	-	2	MS CONN	
05-15-1998	13	SEE DWG 93285 PG 2,-13 FOR PART NUMBER	15	1	PIG TAIL	1
01-19-1998	12	HS35R2048H4P7	15	1	MS CONN	1
11-05-1997	11	HS35R0250H2P7	-	1	MS CONN	2
10-21-1997	10	HS35R204885P7	-	2	MS CONN	
10-24-2007	9	SEE DWG 93285 PG 2,-9 FOR PART NUMBER	15	1	PIG TAIL	1
10-24-2007	8	HS35R2048H5P7	15	2	MS CONN	
10-24-2007	7	HS35R204884P7	15	1	MS CONN	1
01-23-1997	6	HS35R1024H2P7	15	1	MS CONN	2
01-20-1997	5	HS35R1024H4P7	15	1	MS CONN	1
10-24-2007	4	SEE DWG 93285 PG 2,-4 FOR PART NUMBER	-	1	PIG TAIL	1
	3	HS35R102485P7	15	2	MS CONN	
10-24-2007	2	HS35R102484P7	15	1	MS CONN	1
10-24-2007	1	HS35R1024H5P7	15	2	MS CONN	

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FIG. 1

DOUBLE CONNECTOR OPTION

40°

DO NOT REVERSE

TERMINATION DIMENSION

TERMINATION	DIMENSION
6 & 7 PIN	3.00 [76.20]
10 PIN	3.38 [85.85]
12 PIN	2.87 [72.90]
CABLE	3.00 [76.20]

TETHER POSITION CAN BE ROTATED IN 15° INCREMENTS

MOUNTING TABLE

DASH	MOUNTING	A	THREAD
1	4.50 [114.30] C'FACE	2.93 [74.42]	3/8
2	8.50 [215.90] C'FACE	3.625 [92.075]	1/2

NOTE: RECOMENDED SHAFT EXTENSION 1.25 [31.75] MIN.

91318 TACHOMETER COVER

IS SUPPLIED WITH TACHOMETER WHERE 10TH DIGIT = 4, 5, 6 OR 7 (EX: HS352048G54B7)

4 = 3/8" BOLTS FOR C'FACE MOUNTS & TENV UNMACHINED BRACKETS

5 = 10-24 SCREWS & T-BOLT FOR FAN GUARD MOUNTING

MOUNTING HARDWARE SUPPLIED BY DYNAPAR

** 91318 TACHOMETER COVER IS NOT SUPPLIED WITH TACHOMETER WHEN 10TH DIGIT = 1 OR 2

* NOT SUITABLE FOR DIV. 2. USE HSD35, DRAWING B-92927, FOR DIVISION 2 REQUESTS.*

DRAWING REVISION AU

ECO ECO-0150071

REVISION BY JP

APPROVED BY DJK

DATE 08-02-2018

DATE 08-02-2018

ECO DESCRIPTION

ADDED -82

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°

CORNER FILLETS: R.02 [.51]

MACHINED SURFACES: 200 INCH/mm 5.1

mm SHOWN IN [BRACKETS]

DRAWN BY TJB

DATE 08-15-2000

APPROVED BY GK

DATE 08-15-2000

REFERENCE

THIRD ANGLE PROJECTION

REGAL Regal Beloit America, Inc.

ENCODER DYNAPAR CONTROLS HS35R

MATERIAL

PROCESS/FINISH

SIZE B

DRAWING NUMBER 91130

SHEET 1 OF 3

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DASH	VENDOR PART NUMBER	REV	SHAFT SIZE	FIG	TERMINATION	MOUNTING DASH
60	HS35R0240H4P7	11	1.0000/.9995 [25.4000/25.3873]	1	MS CONN	1
59	NA SAME AS -29	-				
58	HS35R0100H515	10	1.0000/.9995 [25.4000/25.3873]	2	6 PIN MS. CONN	
57	HS35R0100H4P7	-	1.0000/.9995 [25.4000/25.3873]	2	MS CONN	
56	SEE DWG 93285 PG 2,-56 FOR PART NUMBER	-	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	
55	NA	-	1.1250/1.1245 [28.575/28.5623]	1	PIG TAIL	2
54	HS35R100086R7	-	.6250/.6245 [15.875/15.862]	1	MS CONN	1
53	HS35R102475P7	9	.5000/.4995 [12.700/12.687]	1	MS CONN	1
52	HS35R006084P7	-	.6250/.6245 [15.875/15.862]	1	MS CONN	1
51	NA	9	1.1250/1.1245 [28.575/28.5623]	1	DBL. PIG TAIL	1
50	SEE DWG 93285 PG 2,-50 FOR PART NUMBER	-	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	1
49	HS35R10249577	-	15mm (.5906)	1	MS CONN	
48	HS35R0360H4P7	9	1.0000/.9995 [25.4000/25.3873]	1	MS CONN	1
47	HS35R010084P7	-	.6250/.6245 [15.875/15.862]	1	MS CONN	
46	HS35R102484P2	9	.6250/.6245 [15.875/15.862]	1	MS CONNECTOR ONLY NO MATING CONNECTOR	1
45	NA	9	1.1250/1.1245 [28.575/28.5623]	1	PIG TAIL	2
44	HS35R1024J2P2	-	1.1250/1.1245 [28.575/28.5623]		MS CONNECTOR ONLY NO MATING CONNECTOR	2
43	HS35R1024H4P2	9	1.0000/.9995 [25.4000/25.3873]	1	MS CONNECTOR ONLY NO MATING CONNECTOR	1
42	HS35R204884P2	10	.6250/.6245 [15.875/15.862]	1	MS CONNECTOR ONLY NO MATING CONNECTOR	1
41	HS35R2048H4P2	10	1.0000/.9995 [25.4000/25.3873]	1	MS CONNECTOR ONLY NO MATING CONNECTOR	1
40	NA	10	1.1250/1.1245 [28.575/28.5623]	1	PIG TAIL	1
39	HS35R204884P7PS	-	.6250/.6245 [15.875/15.862]	1	MS CONN	1
38	HS35R102484P7	-	.6250/.6245 [15.875/15.862]	1	MS CONN	1
37	HS35R060084P7	-	.6250/.6245 [15.875/15.862]	1	MS CONN	1
36	HS35R150084P7	-	.6250/.6245 [15.875/15.862]	1	MS CONN	1
35	HS35R1500H5P7	-	.6250/.6245 [15.875/15.862]	2	MS CONN	1
34	BOGUS PART NO.	10	.6250/.6245 [15.875/15.862]	1	MS CONN	1
33	HS35R051284P7	-	.6250/.6245 [15.875/15.862]	1	MS CONN	1
32	HS35R250084P7	10	.6250/.6245 [15.875/15.862]	1	MS CONN	1
31	SEE DWG 93285 PG 2,-31 FOR PART NUMBER	-	.6250/.6245 [15.875/15.862]	1	PIG TAIL	1

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FIG. 1

NOTE: RECOMENDED SHAFT EXTENSION 1.25 [31.75] MIN.

* NOT SUITABLE FOR DIV. 2. USE HSD35, DRAWING B-92927, FOR DIVISION 2 REQUESTS.*

ENCODER
DYNAPAR CONTROLS HS35R

91130

2 OF 3

B

A

DASH	VENDOR PART NUMBER	REV	SHAFT SIZE	FIG	TERMINATION	MOUNTING DASH
08-02-2018	82 HS35R1024H14A	A	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	1
07-11-2016	81 HS35R1024H1RA	A	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	1
02-05-2018	80 HS35R10248482	A	.6250/.6245 [15.875/15.862]	1	10 PIN	1
02-05-2018	79 HS35R10248182	A	.6250/.6245 [15.875/15.862]	1	10 PIN	1
02-01-2018	78 HS35R1024H3PA	A	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	1
08-16-2017	77 HS35R500084P7	A	.6250/.6245 [15.875/15.862]	1	MS CONN	1
04-03-2017	76 HS35R1024H3P7	A	1.0000/.9995 [25.4000/25.3873]	1	MS CONN	1
02-03-2016	75 HS35R1024H15A	A	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	1
12-13-2016	74 HS35R1024H45A	A	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	1
04-28-2016	73 HS35R1024H572	A	1.0000/.9995 [25.4000/25.3873]	2 MS CONNECTOR ONLY NO MATING CONNECTOR		0
03-15-2016	72 HS35R1024H1PA	A	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	1
01-12-2015	71 HS35R2500H7R7	O	1.0000/.9995 [25.4000/25.3873]	2	MS CONN	1
01-20-2014	70 HS35R1024H147	O	1.0000/.9995 [25.4000/25.3873]	1	MS CONN	1
01-24-2013	69 HS35R1024J4P7	O	1.1250/1.1245 [28.575/28.5623]	1	MS CONN	1
08-27-2012	68 HS35R0600H4P7	O	1.0000/.9995 [25.4000/25.3873]	1	MS CONN	1
05-08-2012	67 HS35R204885E7	O	.6250/.6245 [15.875/15.862]	2	MS CONN	0
04-30-2012	66 HS35R2048H7R7	O	1.0000/.9995 [25.4000/25.3873]	2	MS CONN	1
08-23-2011	65 HS35R0010H4P7	O	1.0000/.9995 [25.4000/25.3873]	1	MS CONN	1
07-05-2011	64 HS35R409684P7	2	.6250/.6245 [15.875/15.862]	1	MS CONN	1
02-08-2011	63 HS35R1024H4PE	2	1.0000/.9995 [25.4000/25.3873]	1	PIG TAIL	1
10-27-2010	62 HS35R2500H7P7D2	O				
	61 HS35R102481P7	1	.6250/.6245 [15.875/15.862]	1	MS CONN	1

TETHER HARDWARE SUPPLIED BY DANAEHER

FIG. 1

MOUNTING TABLE

DASH	MOUNTING	A	THREAD
1	4.50 [114.30] C'FACE	2.93 [74.42]	3/8
2	8.50 [215.90] C'FACE	3.625 [92.075]	1/2

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ECONO-0150071	APPROVED BY DJK	DATE 08-02-2018		DATE 08-15-2000	
ECO DESCRIPTION ADDED -82				APPROVED BY GK	DESCRIPTION ENCODER DYNAPAR CONTROLS HS35R
				DATE 08-15-2000	
				REFERENCE	MATERIAL PROCESS/FINISH
				THIRD ANGLE PROJECTION	SHEET 3 OF 3