

PRODUCT INFORMATION PACKET



Model No: 509227-34
Catalog No: 509227-34
C-509227-34 BRG RTD (100 OHM PT-EUROPEAN)

Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E



Nameplate Specifications

Technical Specifications

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:04/05/2025

4				3				2		1	
DASH	ITEM REV.	MINCO PRODUCTS INC. P/N	RTD CO. P/N	RES. / ELEMENT TYPE	A	B	C +1.00 / -.00	REMARKS			
-1	15	S44CA34Z24	-	10 OHM COPPER	24.00	3.40	4.00				
-2	15	S44CA30Z24	-	10 OHM COPPER	24.00	3.00	4.00				
-3	15	S44PA80Z24	RS644P-1020	100 OHM PLATINUM	24.00	8.00	4.00				
-4	15	S44NA80Z24	-	120 OHM NICKEL	24.00	8.00	4.00	SOLAR			
-5	15	S44NA30Z24	-	120 OHM NICKEL	24.00	3.00	4.00	MAGNAONE-LOW VOLTAGE			
-6	15	S44PA33Z24	RS644P-1021	100 OHM PLATINUM	24.00	3.30	4.00	MAGNAONE-HIGH VOLTAGE, 430/570/740 FR. REAR			
-7	15	S44CA33Z24	-	10 OHM COPPER	24.00	3.30	4.00	(EJ 00373)			
-8	15	S44CA80Z24	-	10 OHM COPPER	24.00	8.00	4.00	(3225641)			
-9	15	S15636CA34Z36C10/FG180	RS644C-1005	10 OHM COPPER	36.00	3.40	10.00	570 FR. MAGNAMAX (3396256)			
-10	15	S44PA33Z36	-	100 OHM PLATINUM	36.00	3.30	4.00				
-11	15	S44PA80Z36	-	100 OHM PLATINUM	36.00	8.00	4.00				
-12	15	S15636PA44Z48C10/FG180	RS644P-1022	100 OHM PLATINUM	48.00	4.40	10.00	740 FR. MAGNAMAX			
-13	15	S15636CA30Z36C10/FG180	RS644C-1006	10 OHM COPPER	36.00	3.00	10.00	430 FR. MAGNAMAX			
-14	15	S15636PA34Z36C10/FG180	RS644P-1023	100 OHM PLATINUM	36.00	3.40	10.00	570 FR. MAGNAMAX			
-15	15	S15636CA44Z48C10/FG180	RS644C-1007	10 OHM COPPER	48.00	4.40	10.00	740 FR. MAGNAMAX			
-16	6	S15636PA30Z36-C10/FG180	RS644P-1027	100 OHM PLATINUM	36.00	3.00	10.00	430 FR. MAGNAMAX			
-17	6	S15636PA33Z108-C10/FG180	RS644P-1032	100 OHM PLATINUM	108.00	3.30	10.00	740 FR. REAR BRG -TERMINATED IN RTD BOX			
-18	6	S844PD33Z24/FG180	*	100 OHM PLATINUM	24.00	3.30	4.00	430/570/740 FR. REAR (.00385 TEMP. COEFFICIENT) *CN 26098*			
-19	7	S15636PD44Z48C10(A)	*	100 OHM PLATINUM	48.00	4.40	10.00	STANDARD LONG PROBE -SHORT LEAD RTD (.00385 TEMP. COEFFICIENT) -(FMF: 740 FR. FRONT) *CN 26098*			
-20	7	S15636PD33Z108C10(A)	*	100 OHM PLATINUM	108.00	3.30	10.00	740 FR. REAR (.00385 TEMP. COEFFICIENT) *CN 26717*			
-21	6	S15636PA33Z120-C10/FG180		100 OHM PLATINUM	120.00	3.30	10.00	1000 FR. REAR BRG -TERMINATED IN RTD BOX			
-22	6	S15636PA44Z36-C10/FG180		100 OHM PLATINUM	36.00	4.40	10.00	1000 FR. 6POLE FRONT			
-23	6	S15636PA44Z108-C10/FG180		100 OHM PLATINUM	108.00	4.40	10.00	1000 FR. 6POLE REAR			
-24	6	S15636PA30Z72-C10/FG180		100 OHM PLATINUM	72.00	3.00	10.00	430 FR. REAR BRG -TERMINATED IN RTD BOX			
-25	6	S15636CA34Z36C10/FG180		100 OHM PLATINUM	36.00	3.40	10.00	570 FR. FRONT (.00385 TEMP. COEFFICIENT) *GB58423*			
-26	1	S15636PA44Z132-C10/FG180	*	100 OHM PLATINUM	132.00	4.40	10.00	1040 FR. REAR BRG -TERMINATED IN RTD BOX			
-27	1	S15636PA31Z120-C10/FG180	*	100 OHM PLATINUM	120.00	3.10	10.00	1000 FR. REAR BRG -OPP. SIDE (1030FDH5764)			
-28	1	S15636PA33Z132-C10/FG180	*	100 OHM PLATINUM	132.00	3.30	10.00	1040 FR.-REAR BRG			
-29	1	S15636PA34Z60C54/FG180	*	100 OHM PLATINUM	60.00	3.40	54.00	570 FR.-GENESIS DESIGN (EJ11244)			
-30	1	S15636PA44Z72C54/FG180	*	100 OHM PLATINUM	72.00	4.40	54.00	740 FR.-GENESIS DESIGN (EJ11244)			
-31	1	S15636PA34Z72C80/FG180	*	100 OHM PLATINUM	72.00	3.40	80.00	570 FR.-GENESIS-S1600 DESIGN (EJ11266)			
-32	0	S15636PD33Z132C10(A)	11841-15	100 OHM PLATINUM	132.00	3.30	10.00	742 FR. REAR (.00385 TEMP. COEFFICIENT) TERMINATED IN RTD BOX			
-33	1	S15636PA33Z144-C10/FG180	11841-16	100 OHM PLATINUM	144.00	3.30	10.00	(FMF: 744 FR. -REAR BRG -TERMINATED IN RTD BOX)			
-34	0	S15636PD33Z144C10(A)	11841-17	100 OHM PLATINUM	144.00	3.30	10.00	STANDARD SHORT PROBE -LONG LEAD RTD (.00385 TEMP. COEFFICIENT) -744 FR. REAR TERMINATED IN RTD BOX			
-35	0	*	11841-18	100 OHM PLATINUM	144.00	3.80	10.00	744 FR. MARINE DEP/TEWAC (744FDM5193)			
-36	0	S15636PD61Z132C4	11841-19	100 OHM PLATINUM	132.00	6.10	4.00	744 FR. MARINE DEP/TEWAC COOLER HOOD (.00385 TEMP. COEFFICIENT) (744FDM5193)			
-37	0	S15636PD61Z48C4	11841-20	100 OHM PLATINUM	48.00	6.10	4.00	744 FR. MARINE DEP/TEWAC COOLER HOOD (.00385 TEMP. COEFFICIENT) (744FDM5193)			
-38	0	S15636PA38Z132C10	11841-21	100 OHM PLATINUM	132.00	3.80	10.00	742 FR. MARINE DEP/TEWAC (742FDL5227)			
-39	0	S15636PA61Z112C4	11841-22	100 OHM PLATINUM	112.00	6.10	4.00	742 FR. MARINE DEP/TEWAC COOLER HOOD (742FDL5230)			
-40	0	S15636PA33Z192-C10/FG180	11841-23	100 OHM PLATINUM	192.00	3.30	10.00	1020 FR. REAR BRG MARINE DEP/TEWAC			
-41	0	S15636PD61Z144C4	11841-24	100 OHM PLATINUM	144.00	6.10	4.00	1020 FR. MARINE DEP/TEWAC COOLER HOOD (.00385 TEMP. COEFFICIENT)			
-42	0	S15636PD61Z96C4	11841-25	100 OHM PLATINUM	96.00	6.10	4.00	1020 FR. MARINE DEP/ TEWAC COOLER HOOD (.00385 TEMP. COEFFICIENT)			
-43	0	S15636PA38Z108C10	11841-27	100 OHM PLATINUM	108.00	3.80	10.00	574 FR. MARINE DEP/TEWAC (574FDL5139)			
-44	0	S15636PA44Z96C10	11841-28	100 OHM PLATINUM	96.00	4.40	10.00	573 FR. RAILROAD			
-45	0	S15636PD61Z72C4	11841-30	100 OHM PLATINUM	72.00	6.10	4.00	ECO-0040020 (.00385 TEMP. COEFFICIENT)			
-46	1	S15636PD33Z108C19	11841-29	100 OHM PLATINUM	108.00	3.30	19.00	744 FR. REAR (.00385 TEMP COEFFICIENT) ECO-0048396			
-47	1	S15636PA38Z36-C10/FG180	-----	100 OHM PLATINUM	36.00	3.80	10.00	430 FR. *ATEX* FRONT (ECO-0062216) 10-16-2014			
-48	1	S15636PA42Z72-C10/FG180	-----	100 OHM PLATINUM	72.00	4.20	10.00	430 FR. *ATEX* REAR (ECO-0062216) 10-16-2014			
-49	1	S15636PA38Z72-C10/FG180	-----	100 OHM PLATINUM	72.00	3.80	10.00	572 FR. *ATEX* FRONT (ECO-0154557) 10-22-2018			
-50	A	S15636PD33Z48-C10/FG180	-----	100 OHM PLATINUM	48.00	3.30	10.00	STANDARD SHORT PROBE -SHORT LEAD RTD (.00385 TEMP. COEFFICIENT) *ECO-0181828*			
-51	A	S15636PD44Z144-C10/FG180	-----	100 OHM PLATINUM	144.00	4.40	10.00	STANDARD LONG PROBE -LONG LEAD RTD (.00385 TEMP. COEFFICIENT) -1040 FR. REAR BRG -TERMINATED IN RTD BOX *ECO-0181828*			

SPADE LUGS

RED LEAD

WHITE LEAD

WHITE LEAD

1/2" CONDUIT CONNECTOR
STAINLESS STEEL
FLEXIBLE ARMOR SHEATH

Ø.285 MAX.

(1.75)

Ø.280 MAX.

Ø.188

BAYONET LOCKCAP AND SPRING

B ±.06

Specify SHEATH LENGTHS FROM 24.00" TO 96.00" IN 12.00" INCREMENTS (MODEL S15636 HAS MAXIMUM LENGTH OF 75 FEET)

Specify CASE (RTD PROBE) LENGTHS FROM 3.00" MIN. TO 48.00" MAX. (HOLE DEPTH PLUS 1.12")

Ø.29

Ø.434

1/8-27 NPT
*FG180 (MINCO),
F180 (RTD CO.)
MALE BAYONET FITTING
(SEE NOTE)

*NOTE: ONE (1) FG180 (MINCO), F180 (RTD CO.) TO BE SUPPLIED WITH EACH RTD.

VENDOR:
SUPPLIERS SHOWN ARE APPROVED BUT AN EQUIVALENT
APPROVED SOURCE MAY BE USED

DRAWING REVISION AF	REVISION BY SAS	REV DATE/CO DATE 08/28/20	TOLERANCES (EXCEPT AS NOTED): DEC. INCH X .01 .XX .02 .XXX .005 .XXX .0005 MACHINED SURFACES: .0005 MILL DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY TM	DATE 10-28-1991	APPROVED BY AG	DATE 10-28-1991	THIRD ANGLE PROJECTION	SIZE C	DRAWING NUMBER 509227	SHEET 1 OF 1
ECO-0191458	APPROVED BY GM	DATE 08/28/20	ECO DESCRIPTION Changed supplier part# on -45 and -46 COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION. THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. FORNERY AND CONTAINS OWNERS PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DENIED BY RECEIVING IT, TO ASSESS THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY. DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.	DESCRIPTION RTD TIP SENSITIVE INDUSTRIAL PROBE-(BRG)	MATERIAL	PROCESS/FINISH					