

TURNOUT SWITCH

type R65 Grade 1/11 on ferroconcrete sleepers for high-speed operations.

DESIGN Kz2726.00.000-02; (-03)

Designed for application in high-speed main track lines.

Incorporation in the design of the frog with a continuous rolling surface, of the external contact makers in the switch and the frog, ensures safe high-speed operation at straight track sections at the speed up to 200 km/h. Welding onto a seamless rail track is allowed. Meets all operation requirements.

DESIGN PARTICULARS

- frog with a continuous rolling surface with flexible tongue piece
- switch and frog fittings with external contact makers;
- welded underlying pads;
- pads with high ridge;
- insulating joint with polymer-composite fishplates;
- flexible points;
- resilient fastening in assembly with point rail with blade point and in assembly with frog rail with guard rail with a flat resilient clip;
- resilient rail fastening with clip SKI 12-32;
- foundation - ferroconcrete sleepers (screw-dowel fastening);
- switch electric drive;
- frog electric drive.

BASIC TECHNICAL SPECIFICATIONS

Turnout switch type	common
Sort	R65
Frog mark	1/11
Gauge width, mm	1520
Full length, mm	39063
Turnout curve radius, mm	300000
Max. static rail load from rolling stock axels, kN	245
Rolling stock max. travel speed, km/h	
- at straight track	200
- at side track	50
Max. length of loading deck, mm	22975

DELIVERY SCOPE

Straight point rail with a curved point, sets	1
Curved point rail with a straight point, sets	1
Frog, sets	1
Connecting strip, sets	1
Rails with length, mm	1
11823	1
11770	1
Applied pads, sets	1
Fastening and insulating pieces, sets	1
Rail fastening pads, pcs	222
Bridge fishplate, pcs	20
Sleeper fender, pcs	1
insulating joint R65, sets	2
Switch fittings with a contact maker	
17906-00-00, sets	1
Frog fitting with a contact maker	
17907-00-00, sets.	1

PARTS, SUPPLIED PER SPECIAL CUSTOMER'S ORDER

12 H Electric drive, pcs.	1
TS 12K Electric drive, pcs.	1
Ferroconcrete sleeper 2014-03, sets	1
Rail R65 L=12,5 m GOST R 51685, pcs.	4