

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 13 850 - 99 HH

Company PH Industrie-Hydraulik GmbH & Co. KG
Stefansbecke 35-37
45549 Sprockhövel, GERMANY

Product Description HOSE END FITTINGS FOR HYDRAULIC RUBBER HOSES

Type • SKIVE, NO-SKIVE AND INTERLOCK FERRULES • PIPE CONNECTORS •
UNIVERSAL TAPERED NIPPLES, TAPERED NIPPLES WITH O-RING •

Environmental Category • None

Technical Data /
Range of Application TECHNICAL DATA
Standard materials: 1.4571 / 1.4404 (AISI 316Ti / 316L) or equivalent

FERRULE TYPES: P1, P2, P3, P4-I, P6-I, P7-I, P8, P9
NIPPLE TYPES: DKOL / DKOS / DKL / DKLL / BEL / BES / DKR / DRF / DKJ
AGJ / CEL / CES / AGR / AGF / AGR-k / AGN / DSN / DKO-KÄ / RGN / SFL3 /
SFS6 / STN / MORFS / FORFS / VF-3 / VF-6 / FLH-3 / FLH-6 // I-SFL3 / I-SFS6 /
I-AGN / I-AGJ / I-DKOS / I-DKJ / I-CES / I-AGR / I-DKOR

RANGE OF APPLICATION
The above mentioned end fittings may be assembled on type tested hoses of the following manufacturer:
MANULI Rubber Industries S.r.l., Ascoli Piceno-Italy
Types: 1ST / 2ST / 1SN / 2SN / 1SC / 2SC / 4SP / 4SH / R13 / R15
Standards: DIN EN 853 / 856 / 857 / SAE 100R15

Test Standard • Impulse pressure test according DIN 20 024 respectively ISO 6803

Documents • Test reports
• Quality assurance procedures
• Catalogues

Remarks • None

Valid until 2014-08-18

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File No. II.D.10

Hamburg, 2009-09-10

Type Approval Symbol

Germanischer Lloyd

Hanspeter Raschle
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Peter Gierhan
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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".