



2018/072464/07

Hydraulic spares and accessories

We offer a complete range of high quality hydraulic components to cater for all your needs.

Dhiala Holdings Pty Ltd

www.dhiala.co.za

0325339770

0834154697-Hasina

sales@dhiala.co.za

P.O. Box 63500

Dawncrest

Verulam

4339



BALL VALVES



BSPP ADAPTERS



CLAMPS



DIAGNOSTIC SYSTEMS



DIN ADAPTERS



FLANGES



GAZ ADAPTERS



HOSE FITTINGS



SEALS



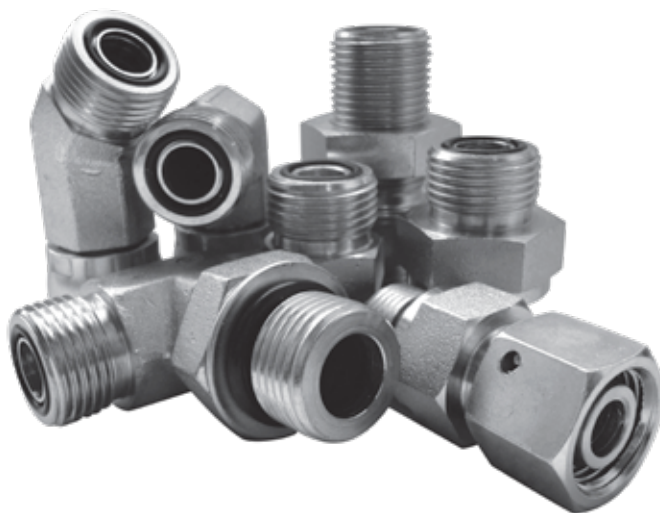
JIC ADAPTERS



WASHING



ORFS ADAPTERS



QUICK COUPLINGS



PROTECTION



HOSES



VITILLO S.p.A.

S.S.90 Km 20,500 – 83031, ARIANO IRPINO (AV) – ITALIA

qualified manufacturing company in design and production of hydraulic fittings, adapters and hydraulic hoses with steel wire reinforcement and rubber cover, in the following operating unit

SS. 90 Km. 20,500
83031 ARIANO IRPINO (AV)

CERTIFIES

that all the hydraulic braided hoses 1SN and 2SN marked LK Fluid, distributed by the IPI group, are produce by Vitillo group and comply with the norms EN853.

Therefore our distributors benefit from this level of requirement and quality.

Ariano Irpino, 01/12/2017

VITILLO SPA

QUALITY DEPARTMENT

 **Vitillo** SPA

Via Camporeale Zona P.I.P. snc

83031 Ariano Irpino (AV)

P.IVA / C.F. IT01832200644

Vitillo s.p.a.

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Cod. Fisc. / P. iva IT 01832200644
Cap. Soc. € 2.500.000,00

vitillo.eu
info@vitillo.eu



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. **P-14531**

This is to certify that the
Flexible Hoses of Non-Metallic Material with Permanently Fitted Couplings

with type designation(s)
EN853 1SN, EN857 1SC, Semperpac 1SN-K, EN853 2SN, EN857 2SC, Semperpac 2 SN-K

Manufactured by
Semperit Technische Produkte GmbH
Wimpassing, Austria

is found to comply with
Det Norske Veritas' Rules for Classification of Ships
Det Norske Veritas' Offshore Standards
Det Norske Veritas' Standards for Certification 2.9 No. 5-791.70

Application

The hoses may be used for: Petroleum base hydraulic fluids, water glycol and water emulsion hydraulic fluids, fuel oil, lubrication oil, compressed air, water and sanitary.

Type:	Temperature range:	Max. working press.:	Sizes:
EN853 1SN	-40°C to +100°C (max 120°C intermediate)	40 - 225 bar size dependent	DN6 - DN51
EN857 1SC	-40°C to +100°C (max 120°C intermediate)	88 - 225 bar size dependent	DN6 - DN25
Semperpac 1SN-K	-40°C to +100°C (max 120°C intermediate)	100 - 290 bar size dependent	DN6 - DN31
EN853 2SN	-40°C to +100°C (max 120°C intermediate)	80 - 400 bar size dependent	DN6 - DN51
EN857 2SC	-40°C to +100°C (max 120°C intermediate)	165 - 400 bar size dependent	DN6 - DN 25
Semperpac 2 SN-K	-40°C to +100°C (max 120°C intermediate)	175 - 450 bar size dependent	DN6 - DN31

This Certificate is valid until **2017-12-31**.

Issued at **Høvik** on **2013-10-31**

DNV local station: **Czechia**

Approval Engineer: **Tom Berg-Nielsen**



for **Det Norske Veritas AS**

Digitally Signed By: **Marveng, Marianne Spæren**

Location: **DNV Høvik, Norway**

Signing Date: **2013-11-01**

Marianne Spæren Marveng
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.
If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

GEAR PUMPS



- HIGH PERFORMANCE HYDRAULIC GEAR PUMPS
- DISPLACEMENTS FROM 0,25 cm³ UP TO 60 cm³ IN STANDARD RANGE

- WORKING PRESSURE UP TO 250 BAR
- FULL RANGE INCLUDING GROUP 00., 10., 20. and 30.

HYDROMOTORS



- DISPLACEMENT FROM 8.02 cm³ TO 800 cm³ IN STANDARD RANGE

- HIGH VOLUMETRIC AND MECHANICAL EFFICIENCY

CONTROL VALVES



- MONOBLOCK TYPES WITH 1 TO 7 WORKING SECTIONS
- VALVES CAPABLE OF HANDLING UP TO 160 LITRE PER MINUTE WITH PRESSURE OF UP TO 350 BAR

- SPECIAL BUILDS INCLUDING SOLENOID OPERATED AND PNEUMATICALLY OPERATED VALVES WITH CHECK VALVES AND FLOW CONTROL VALVES

SOLENOID VALVES



- DIRECTIONAL CONTROL VALVES
- WITH SOLENOID, MANUAL, MECHANICAL and HYDRAULIC OPERATION

- FLOW UP TO 100 L/min and NORMAL PRESSURE 315 BAR
- SPECIAL BUILD BLOCK FOR ALL TYPES OF APPLICATION UP ON REQUEST

VALVES



- PRESSURE CONTROL VALVES
- CHECK VALVES(STANDARD and PILOT OPERATED)

- FLOW CONTROL VALVES
- OVERCENTRE VALVES (SINGLES and DOUBLE)

TRACTOR GROUP



- SPECIAL DESIGNED GEAR PUMPS FOR MASSEY FERGUSON, FIAT, FORD and JOHN DEERE AGRICULTURAL TRACTOR

PUMP OVER-GEARS and MECHANICAL COUPLINGS



- THE OVER-GEARS ARE DESIGNED TO CONNECT GEAR PUMPS TO TRACTOR POWER TAKE OFFS
- GEAR RATIO IS 1/3

- THEY WERE DESIGNED FOR GROUP 2 AND GROUP 3 PUMPS
- MECHANICAL COUPLINGS ARE USED IN ORDER TO TRANSFER MOTION, IF NECESSARY TWO SYSTEM CAN BE SEPARATED WITH LEVER.

BENT AXIS AND PISTON PUMPS



- BENT AXIS PISTON PUMPS
- 30 and 40 SERIES GEAR PUMPS

- 9 and 6 PISTON PUMPS

SLEWING DRIVES



- THERE ARE TWO DIFFERENT MODELS WITH SINGLE ROLLER TYPE.

- OPERATE UNDER MAXIMUM 110 KN - 470 KN DYNAMIC RADIAL LOAD
- VARIOUS SIZE OPTIONS

HOSE REELS



RM8420400
12m 1/2" Retractable Hose Reel
for Oil with Swivel Mounting Bracket
& Hose Stop - No Hose
Inlet : 1/2" Female
Outlet : 1/2" Female



RM8520400
20m 1/2" Retractable Hose Reel
for Oil with Swivel Mounting Bracket
& Hose Stop - No Hose
Inlet : 1/2" Female
Outlet : 1/2" Female



RM8380100
18m 1/4" Retractable Hose Reel
for Air with Swivel Mounting Bracket
& Hose Stop - No Hose
Inlet : 3/8" Female
Outlet : 3/8" Female



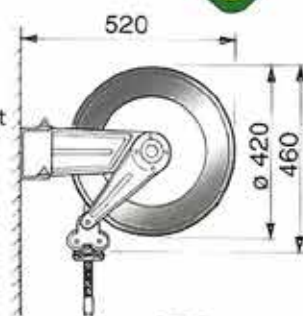
RM8420701
13m 1/4" Dual Gas Hose Reel
with Swivel Hose
Inlet : 1/4" Gas
Outlet : 1/4" Gas



RM8424300
12m 3/8" Retractable Stainless
Steel Hose Reel for Water with
Swivel Mounting Bracket &
Hose Stop - No Hose
Inlet : 3/8" Female
Outlet : 1/2" Female



RM8420500
12m 1/4" Retractable Hose Reel
for Grease with Swivel Mounting Bracket
& Hose Stop - No Hose
Inlet : 1/4" Female
Outlet : 1/4" Female



RM8540400
15m 3/4" Retractable Hose Reel
for Oil with Fixed Mounting Bracket
& Hose Stop - No Hose
Inlet : 3/4" Female
Outlet : 3/4" Female
Can also take 15m x 1" Hose



RM8560400
30m 1" Retractable Hose Reel
for Oil with Swivel Mounting Bracket
& Hose Stop - No Hose
Inlet : 1" Female
Outlet : 1" Female



RM8380400
17m 3/8" Retractable Hose Reel
for Oil with Swivel Mounting Bracket
& Hose Stop - No Hose
Inlet : 1/2" Female
Outlet : 1/2" Female

RM8440400
12m 1/2" Retractable Enclosed Hose
Reel for Oil with Swivel Mounting
Bracket & Hose Stop - No Hose
Inlet : 1/2" Female
Outlet : 1/2" Female



RM89109
11m 1/4" Retractable Enclosed
Hose Reel for Air or Water
Complete with Hose
Inlet : 1/4" Male
Outlet : 1/4" Male



VULCAN/2

EXCEED EN 853 2SN
SAE 100 R2AT

BRAIDED
TRECCIATO



2 trecce di acciaio ad alto carico
high tensile steel braids

TUBI TRECCIATI PER UTILIZZI SPECIFICI SPECIAL BRAIDED HOSES

tubi con rinforzo in acciaio trecciato per linee di pressione medio-alta in condizioni di alta temperatura

wire braided reinforced hoses for medium high pressure lines in high temperature conditions

TEMPERATURA DI ESERCIZIO:

- 40°C/+135°C (servizio continuo) con punte di +150°C (servizio intermittente)

FLUIDI DA UTILIZZARE:

aria, oli minerali, oli vegetali e di colza, oli a base di glicoli e poliglicoli, oli a base di esteri sintetici, oli in emulsione acquosa, acqua

SOTTOSTRATO:

gomma sintetica resistente agli oli

RINFORZO:

due trecce di acciaio alto carico

COPERTURA:

gomma sintetica blu o nera resistente agli oli, alle condizioni ambientali ed al calore Omologazione MSHA

OPERATING TEMPERATURE RANGE:

- 40°C/+135°C (continuous service) with peak of +150°C (intermittent service)

QUALIFIED FLUIDS:

air, mineral oils, vegetable and rapeseed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

TUBE:

oil resistant synthetic rubber

REINFORCEMENT:

two high tensile steel braid

COVER:

blue and black, oil environment and heat resistant synthetic rubber MSHA approved

Code	Hose size			Reinforcement diameter		Outside diameter		Max working pressure		Minimum burst pressure		Minimum bend radius		Weight	
	DN	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	lb/ft	Kg/mt
TH2SN03V2	5	3/16"	4,8	0,44	11,1	0,52	13,3	6010	415	24040	1660	3,54	90	0,19	0,280
TH2SN04V2	6	1/4"	6,4	0,50	12,6	0,58	14,8	5800	400	23200	1600	3,94	100	0,24	0,355
TH2SN05V2	8	5/16"	7,9	0,56	14,3	0,65	16,5	5070	350	20280	1400	4,53	115	0,28	0,420
TH2SN06V2	10	3/8"	9,5	0,66	16,7	0,74	18,9	4780	330	19120	1320	5,12	130	0,36	0,530
TH2SN08V2	12	1/2"	12,8	0,78	19,8	0,87	22,0	3980	275	15920	1100	7,09	180	0,42	0,630
TH2SN10V2	16	5/8"	16,0	0,91	23,0	0,99	25,2	3620	250	14480	1000	7,87	200	0,49	0,735
TH2SN12V2	19	3/4"	19,0	1,06	27,0	1,15	29,2	3110	215	12440	860	9,45	240	0,64	0,955
TH2SN16V2	25	1"	25,4	1,37	34,9	1,46	37,1	2390	165	9560	660	11,81	300	0,90	1,340
TH2SN20V2	31	1" 1/4	31,8	1,74	44,3	1,85	47	1810	125	7240	500	16,54	420	1,28	1,900
TH2SN24V2	38	1" 1/2	38,1	2,00	50,8	2,11	53,5	1300	90	5200	360	19,69	500	1,51	2,250
TH2SN32V2	51	2"	50,8	2,50	63,5	2,61	66,2	1160	80	4640	320	24,80	630	2,15	3,200

! Le applicazioni per aria compressa richiedono copertura forata.

! Compressed air applications require pin-pricking cover

PCLTDG16C01
Tyre Tread
Depth Gauge



PCLC08H72
Clip on Connector
Euro Style

PCLC013A71
Clip on Connector
Euro Style
Large Bore

PCLFPA02
Thumblock
Connector Plastic



PCLDPA03
Dial Tyre Pressure
Gauge 0 - 1200 kpa

PCLC02H03
Clip on Connector
Open End

PCLC02J03
Clip on Connector
Closed End

PCLC010P03
Screw on
Jumbo
Connector (12V1)



PCLC09P03
Screw on
Standard
Connector (8V1)

PCLTE60D01
Master Test
Gauge



PCLTV
Valve Fourway



RM52024
Portable Tyre
Inflator
24L - 10 Bar



UDG20
Blow Gun



PCLAWG01
Air / Water Gun
for Pressurising Water



UDG06
Blow Gun
Plastic



PCLBG105
Blow Gun
Metal



PCLRF102
Water Dispenser



PATHFINDER
Metal Air Reel



PCLRF104
Radiator Filler



PCL615001
PCL615003
PCL615004
Hose Reel Retractable
15 m x 6 mm Hose



RUBBER AIR LINE HOSE

PART No.	DESCRIPTION	OUTSIDE DIA.	INSIDE DIA.
HOSE6	3/8"	14mm	6mm
HOSE8	5/16"	16mm	8mm
HOSE10	3/8"	18mm	10mm
HOSE13	1/2"	22mm	13mm

QUICK COUPLERS



PCLAC71EF/71JF

Interchange to CEJN 320



PCLAC61CF

Interchange to ARO / ORION

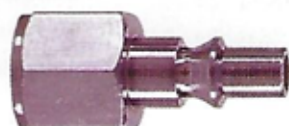
CONNECTORS FOR ARO 210 & ARO 210PCL QUICK COUPLERS

PCLACA6923	Snap-In x Male 1/4" BSP
PCLACA6924	Snap-In x Female 1/4" BSP
PCLACA6912	Snap-In x 6mm Hose Barb
PCLACA6922	Snap-In x 8mm Hose Barb
PCLACA6930	Snap-In x 10mm Hose Barb
PCLHC5656	Male 1/4" BSP x 6mm Hose Barb
PCLHC1206	Male 1/4" BSP x 8mm Hose Barb
PCLHC1217	Male 1/4" BSP x 10mm Hose Barb
PCLHC2479	Male 1/4" BSP x 12mm Hose Barb
PCLHC2983	Hose Extension 6mm
PCLHC2984	Hose Extension 8mm
PCLHC2985	Hose Extension 10mm
PCLHC2986	Hose Extension 13mm



CONNECTORS FOR AC71 SERIES HIGH FLOW COUPLERS

PCLAA7102	Snap-In x 1/4" Male BSP
PCLAA7103	Snap-In x 3/8" Male BSP
PCLAA7104	Snap-In x 1/2" Male BSP
PCLAA7106	Snap-In x 1/4" Female BSP
PCLAA7107	Snap-In x 3/8" Female BSP
PCLAA7108	Snap-In x 1/2" Female BSP
PCLAA7110	Snap-In x 6mm Hose Barb
PCLAA7111	Snap-In x 8mm Hose Barb
PCLAA7112	Snap-In x 10mm Hose Barb
PCLAA7113	Snap-In x 12mm Hose Barb
PCLHC6908	Male 1/2" BSP x 3/8" Hose Barb
PCLHC2954	Male 1/2" BSP x 1/2" Hose Barb
PCLHC2951	Male 3/8" BSP x 3/8" Hose Barb
PCLHC2808	Male 3/8" BSP x 1/2" Hose Barb



Quick Coupler
Female NPT

Snap-In x
Hose Barb

Air Hose

Male NPT x
Hose Barb

Quick Coupler
Female NPT

Snap-In x Male NPT

Snap-In x Female NPT



Pollard PUMPS

THE POSITIVE DISPLACEMENT
SINCE 1946



www.pompes-pollard.com

Member of IPI Group
www.group-ipi.com





OIL & GREASE PUMPS



RM35196
3:1 Oil Pump
Suitable for 210L Drums
Includes Bung Adaptor for Drum
Delivery : 14 l/m
Air Inlet : 1/4" Female
Fluid Outlet : 1/2" Female
Tube Length : 940mm
Tube Diameter : 42mm



RM36096
5:1 Oil Pump
Suitable for 210L Drums
Includes Bung Adaptor for Drum
Delivery : 18 l/m
Air Inlet : 1/4" Female
Fluid Outlet : 1/2" Female
Tube Length : 940mm
Tube Diameter : 42mm



RM33196
1:1 Oil Transfer Pump
Suitable for 210L Drums
Includes Bung Adaptor for Drum
Delivery : 40 l/m
Air Inlet : 1/4" Female
Fluid Outlet : 1/2" Female
Tube Length : 940mm
Tube Diameter : 42mm
Suitable for Antifreeze



RM36060
5:1 Oil Pump
Wall Mounted
Stub Pump
Delivery : 18 l/m
Air Inlet : 1/4" Female
Fluid Outlet : 1/2" Female
Tube Length : 290mm
Tube Diameter : 45mm



RM33160
1:1 Oil Pump
Wall Mounted
Stub Pump
Delivery : 40 l/m
Air Inlet : 1/4" Female
Fluid Outlet : 1/2" Female
Tube Length : 290mm
Tube Diameter : 45mm
Suitable for Waste Oil
High Volume



RM38027
Riser Tube
940mm



RM33115
Wall Bracket
for 1:1 Stub
Pump



RM38043
Wall Bracket with Bung
for 3:1 & 5:1 Stub Pumps



RM38042
Bung Adaptor



RM62074
50:1 Grease Pump
Suitable for 50 Kg Drums
Tube Length : 740mm
Tube Diameter : 30mm

RM35160
3:1 Oil Pump
Wall Mounted
Stub Pump
Delivery : 14 l/m
Air Inlet : 1/4" Female
Fluid Outlet : 1/2" Female
Tube Length : 290mm
Tube Diameter : 45mm

RM62095
50:1 Grease Pump
Suitable for 180 Kg Drums
Tube Length : 940mm
Tube Diameter : 30mm

RM62048
50:1 Grease Pump
Suitable for 15 Kg Drums
Tube Length : 480mm
Tube Diameter : 30mm

RM35094
3:1 Oil Pump
Suitable for 210L Drums
Includes Bung Adaptor for Drum
Delivery : 20 l/m
Air Inlet : 1/4" Female
Fluid Outlet : 1/2" Female
Tube Length : 940mm
Tube Diameter : 32mm



RM26094
1:1 Oil Pump
Suitable for 210L Drums
Includes Bung Adaptor for Drum
Delivery : 36 l/m
Air Inlet : 1/4" Female
Fluid Outlet : 1/2" Female
Tube Length : 940mm
Tube Diameter : 50mm

All above Grease Pumps:
Grease Free Delivery @ 6Bar - 1000 g/m
Air Inlet : 1/4" Female
Fluid Outlet : 3/8" Female

Downhole Safety Valves

