

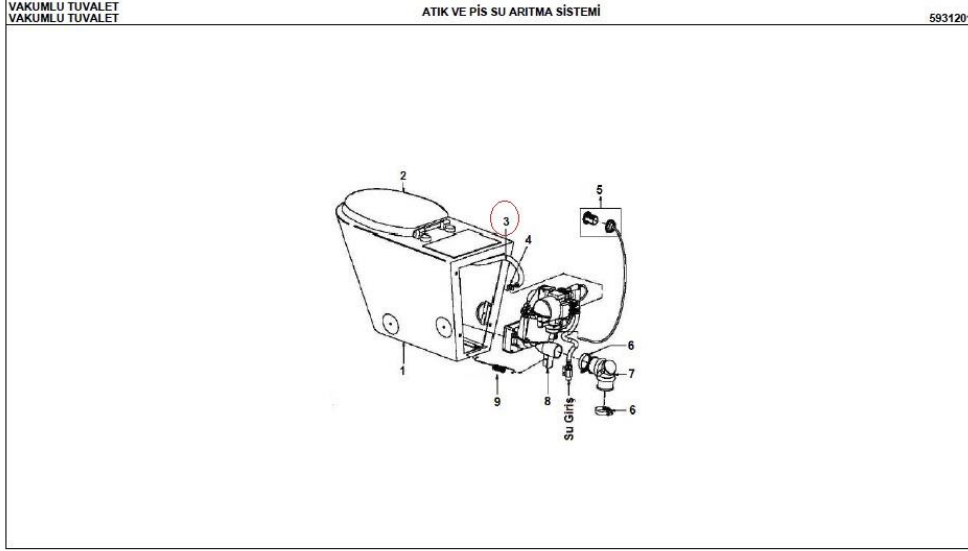
DOSYA NO (FILE NUMBER) : 25-G97

SIRA NO (ITEM NUMBER) : 2

NIIN : 25N010109

MALZEME ADI (MATERIAL NAME) : FLASH RING

KULLANILDIĐI SİSTEM CİHAZ (SYSTEM ON USED): LCT AMFİBİ ÇIKARMA GEMİSİ (AMPHIBIOUS LANDING SHIP)



POYRAZ

BÖLÜM 4 B-51

RESİM İÇİ NO	N.S.N.	PARÇA NUMARASI	ÜRETİCİ KODU	AÇIKLAYICI BİLGİLER	MİKTAR
1	4510251506440	065604600	N2756	KLOZET	1
2	4510251603294	069600600	N2756	KLOZET KAPAĞI	1
3	5340	069510201	N2756	FLAŞ RINGİ	1
4	4730	034233401	N2756	HORTUM KELEPÇESİ	1
5	4510251606503	100100030	N2756	BUTON	1
6	4730251616731	034506900	N2756	HORTUM KELEPÇESİ	2
7	4730	034505400	N2756	LASTİK DİRSEK (DİŞÇARC)	1
8	4620251606507	054101090	N2756	FD VALF (KOMPLE)	1
9	5360251508105	053531720	N2756	YAY	1

VAKUMLU TUVALET VAKUMLU TUVALET ATIK VE PİS SU ARITMA SİSTEMİ 5931201

POYRAZ

BÖLÜM 4 B-52

DOSYA NO (FILE NUMBER) : 25-G97

SIRA NO (ITEM NUMBER) : 3

NIIN : 17H005935

MALZEME ADI (MATERIAL NAME) : FILTER

KULLANILDIĐI SİSTEM CİHAZ (SYSTEM ON USED) : KIYI RÖMORKÖRÜ (SHORE TUGBOAT)

DOSYA NO (FILE NUMBER) : 25-G97

SIRA NO (ITEM NUMBER) : 16

NIIN : 12A183549

MALZEME ADI (MATERIAL NAME) : POTENTIOMETER

KULLANILDIĐI SİSTEM CİHAZ (SYSTEM ON USED) : AMFİBİ ÇIKARTMA GEMİSİ (AMPHIBIOUS LANDING SHIP)

Präzisions - Drahtpotentiometer DP113

Kunden #: 10853

Synchroaufnahme 13, Sonderwelle 17 mm und 14 mm

ALTMANN
— Potentiometer —

Mechanische Daten

- 1.1 Gehäuse.....: Aluminium
- 1.2 Welle.....: Stahl rostfrei $\phi 6^{h9}$
- 1.3 Lagerung.....: Kugellager
- 1.4 Widerstandselement.....: Edelmetallwicklung
- 1.5 Schleiferabgriff.....: Edelmetall, mehrfach
- 1.6 Andruck Schleiferbügel.....: 0.025 N
- 1.7 Gehäuse-Schutzart.....: IP 64
- 1.8 Anschlussart.....: Lötanschluss gebogen
- 1.9 Befestigungselement.....: Spannklaue
- 1.10 Drehwinkel mechanisch.....: durchdrehend
- 1.11 Drehwinkel elektrisch.....: $345^\circ \pm 2^\circ$ *1
- 1.12 Verstellgeschwindigkeit.....: max. 60 U/min
- 1.13 Drehmoment.....: siehe Tabelle
- 1.14 Lebensdauer.....: 10×10^6 Schleiferweg (360°)
- 1.15 Axiales Spiel.....: $\pm 0,04$
- 1.16 Radiales Spiel.....: $\pm 0,08$

Elektrische Daten

- 2.1 Widerstandswerte standard.....: 5K-Ohm
- 2.2 Widerstandswerte max.....: 5K-Ohm
- 2.3 Widerstandstoleranz.....: $\pm 2\%$
- 2.4 kleinster Anfangswiderstand.....: 0,05% vom Gesamtwiderstand
- 2.5 Linearitätstoleranz.....: $\pm 0,3\%$ *1
- 2.6 Isolationswiderstand.....: 20 M-Ohm
- 2.7 Prüfspannung.....: 500 V, 50 Hz
- 2.8 Betriebsspannung.....: max. 50 V
- 2.9 Gesamtbelastung.....: max. 2 Watt
- 2.10 Schleiferbelastbarkeit.....: 1 mA (max., Lebensdauer)
- 2.11 Temperaturbereich.....: -50°C bis $+100^\circ\text{C}$
- 2.12 Temperaturkoeffizient.....: 20 ppm/ $^\circ\text{C}$

*1 exklusiv Windungssprung von $0,7^\circ$

Ausführungen

Kurzschlussstrecken

Mittelanzapfungen

Drehwinkel elektrisch u. mechanisch

Widerstandstoleranz: $\pm 1\%$

Welle: Sonderlänge, durchgehend

Anschläge (Drehwinkel max. 345°)

Rutschkupplung

Schutzart IP65

Ölfüllung

Zubehör

Schutzgehäuse

Adapterplatte

Balgenkupplung

Stiftkupplung

Mikroschalter

Drehknopf

Skala

Weitere Typen

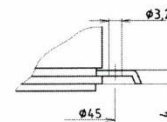
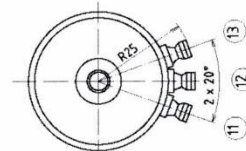
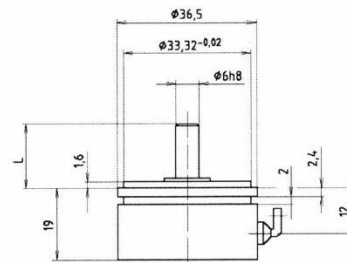
Mehrfachausführung

Kabelanschluss

Steckeranschluss

Messumformer integriert,

0/4...20 mA



KK 184_01



Anschlussplan	
Punkt	Funktion
11	Wicklung
12	Schleifer
13	Wicklung

Teile #	Wellenlänge (L)	Drehmoment	Ölfüllung	Kondensatoren 100 nF, 100 V	
103815	17 mm	bis 0,4 Ncm	nein	2 Stück	werden lose beigelegt
103816	14 mm	bis 0,4 Ncm	nein		nein
106647	14 mm	bis 2,5 Ncm	ja	2 Stück	werden lose beigelegt

Prüfanweisung für den
Drehwinkel

Drehwinkel von 345° soll die
Toleranzgrenze
von $\pm 1\%$ nicht überschreiten

C8612

Blatt #: KD131841

Änderung / Druck: 08.02.19 / 08.02.19

ALTMANN Potentiometer

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eMail: info@potentiometer.de

Bestell #: Siehe Tabelle

Technische Änderungen
vorbehalten Form. #: 02009009

DOSYA NO (FILE NUMBER) : 25-G97
SIRA NO (ITEM NUMBER) : 78
NIIN : 14F011173
MALZEME ADI (MATERIAL NAME) : SOCKET OUTLET, FEMALE DS2
KULLANILDIĞI SİSTEM CİHAZ (SYSTEM ON USED) : KURTARMA GEMİSİ (RESCUE SHIP)

SOCKET-OUTLET female DS2				INLET male DS2	
					
380-440 V AC	3P+E	3924013	3928013		
220-250 V AC 380-440 V AC	3P+N+E	3924017	3928017		
660-690 V AC	3P+E	3924193	3928193		
380-400 V AC 660-690 V AC	3P+N+E	3924197	3928197		
1 000 V AC**	3P+E	3924223	3928223		
Auxiliaries 5 A/400 V AC	+ 2 contacts	Ref. + 972	Ref. + 972		
Auxiliaries 5 A/400 V AC	+ 4 contacts**	Ref. + 174	Ref. + 174		
Auxiliaries 5 A/400 V AC	+ 6 contacts**	Ref. + 976	Ref. + 976		

► Other currents, voltages, frequencies and contact configurations are available (see page 14).
* These versions cannot be ordered with neutral.
** without breaking capacity.
*** When the inlet is mounted without sleeve, it is necessary to add a spacer.

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Home page > OUR PRODUCTS > INDUSTRIAL > DECONTACTOR™+SWITCH+SOCKET-OUTLET > DS (30-400A, Poly/Metal) > DS2 250 A

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RANGE

- DECONTACTOR™+SWITCH+SOCKET-OUTLET
- + DSN (20-63A, IP66/IP67/IP69)
- DS (30-400A, Poly/Metal)
- + DS1 30 A
- + DS3 50 A
- + DS6 90 A
- + DS9 150 A
- DS2 250 A
- + DS4 400 A
- + DSHT (400°C)
- + MULTICONTACT CONNECTORS
- + INDUSTRIAL PLUGS & SOCKET-OUTLETS
- + SINGLE POLE POWER CONNECTORS
- + CUSTOM SOLUTIONS

DECONTACTOR™ METAL

- 250 A
- IP66/IP67
- IK10

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DOSYA NO (FILE NUMBER) : 25-G97

SIRA NO (ITEM NUMBER) : 83

NIIN : 150034122

MALZEME ADI (MATERIAL NAME) : VALVE,REGULATING,FL

KULLANILDIĞI SİSTEM CİHAZ (SYSTEM ON USED) : KURTARMA GEMİSİ (RESCUE SHIP)



VRPRL-VRPRL/U complete valves

Valve configuration with reverse free flow check

Standard setting 90 bar @ 5 l/min (1300 psi @ 1.12 US gpm)

TYPE	CODE	DESCRIPTION
Configuration with G3/8 standard thread		
VRPRL 38/TV.S	1230021102	Aluminum body, setting range 40-110 bar (580-1600 psi)
VRPRL 38/TV.S/ac	1230022100	Steel body, as previous one
Configuration with G1/2 standard thread		
VRPRL 12/TV.S	1230031102	Aluminum body, setting range 40-110 bar (580-1600 psi)
VRPRL 12/TV.S/ac	1230032100	Steel body, as previous one
Configuration with SAE8 standard thread		
VRPRL 38/TV.S/SAE	1230021200	Aluminum body, setting range 40-110 bar (580-1600 psi)
Configuration with SAE10 standard thread		
VRPRL 12/TV.S/SAE	1230031200	Aluminum body, setting range 40-110 bar (580-1600 psi)

Valve configuration with check valve

Standard setting 90 bar @ 5 l/min (1300 psi @ 1.12 US gpm)

TYPE	CODE	DESCRIPTION
Configuration with G3/8 standard thread		
VRPRL/U 38/TV.S	1233021102	Aluminum body, setting range 40-110 bar (580-1600 psi)
VRPRL/U 38/TV.S/ac	1233022100	Steel body, as previous one
Configuration with G1/2 standard thread		
VRPRL/U 12/TV.S	1233031102	Aluminum body, setting range 40-110 bar (580-1600 psi)
VRPRL/U 12/TV.S/ac	1233032100	Steel body, as previous one
Configuration with SAE8 standard thread		
VRPRL/U 38/TV.S/SAE	1233021201	Aluminum body, setting range 40-110 bar (580-1600 psi)
Configuration with SAE10 standard thread		
VRPRL/U 12/TV.S/SAE	1233031205	Aluminum body, setting range 40-110 bar (580-1600 psi)

For other steel body configurations, SAE thread and configurations with FPM (Viton) seals please contact our Sales Dept.

1 Pressure setting spring

TYPE	CODE	DESCRIPTION
For VRPRL 38 valve		
T8	3ML1133100	Setting range 5-50 bar (72.5-725 psi)
TV	3MOL314330	Setting range 40-110 bar (580-1600 psi)
TS	3MOL315330	Setting range 100-200 bar (1450-2900 psi)
For VRPRL 12 valve		
T8	3ML1166804	Setting range 5-50 bar (72.5-725 psi)
TV	3ML1146800	Setting range 40-110 bar (580-1600 psi)
TS	3ML1166805	Setting range 100-200 bar (1450-2900 psi)

2 Accessories

TYPE	CODE	DESCRIPTION
V	4VL2407100	Handwheel

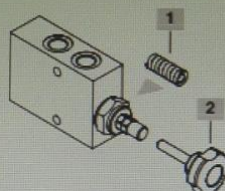
Pressure control valves

Pressure reducing valves

VRPRL-VRPRL/U

Ordering codes and description composition

Port size
VRPRL-VRPRL/U 38/TV.S
1 2



VRPRL-VRPRL/U complete valves

<i>Valve configuration with reverse free flow check</i>		
<i>Standard setting 90 bar @ 5 l/min (1300 psi @ 1.32 l/s gpm)</i>		
TYPE	CODE	DESCRIPTION
Configuration with G3/8 standard thread		
VRPRL 38/TV.S	1230021102	Aluminium body, setting range 40-110 bar (580-1600 psi)
VRPRL 38/TV.S/ac	1230022100	Steel body, as previous one
Configuration with G1/2 standard thread		
VRPRL 12/TV.S	1230031102	Aluminium body, setting range 40-110 bar (580-1600 psi)
VRPRL 12/TV.S/ac	1230032100	Steel body, as previous one
Configuration with SAE8 standard thread		
VRPRL 38/TV.S/SAE	1230021200	Aluminium body, setting range 40-110 bar (580-1600 psi)
Configuration with SAE10 standard thread		
VRPRL 12/TV.S/SAE	1230031200	Aluminium body, setting range 40-110 bar (580-1600 psi)
<i>Valve configuration with check valve</i>		
<i>Standard setting 90 bar @ 5 l/min (1300 psi @ 1.32 l/s gpm)</i>		
TYPE	CODE	DESCRIPTION
Configuration with G3/8 standard thread		
VRPRL/U 38/TV.S	1233021102	Aluminium body, setting range 40-110 bar (580-1600 psi)
VRPRL/U 38/TV.S/ac	1233022100	Steel body, as previous one
Configuration with G1/2 standard thread		
VRPRL/U 12/TV.S	1233031102	Aluminium body, setting range 40-110 bar (580-1600 psi)
VRPRL/U 12/TV.S/ac	1233032102	Steel body, as previous one
Configuration with SAE8 standard thread		
VRPRL/U 38/TV.S/SAE	1233021201	Aluminium body, setting range 40-110 bar (580-1600 psi)
Configuration with SAE10 standard thread		
VRPRL/U 12/TV.S/SAE	1233031105	Aluminium body, setting range 40-110 bar (580-1600 psi)

For other steel body configurations, SAE thread and configurations with FPM (Viton) seals please contact our Sales Dept.

1 Pressure setting spring

TYPE	CODE	DESCRIPTION
For VRPRL 38 valve		
TB	3ML1133100	Setting range 5-50 bar (72.5-725 psi)
TV	3MOL314330	Setting range 40-110 bar (580-1600 psi)
TS	3MOL315330	Setting range 100-200 bar (1450-2900 psi)
For VRPRL 12 valve		
TB	3ML1166804	Setting range 5-50 bar (72.5-725 psi)
TV	3ML1146800	Setting range 40-110 bar (580-1600 psi)
TS	3ML1166805	Setting range 100-200 bar (1450-2900 psi)

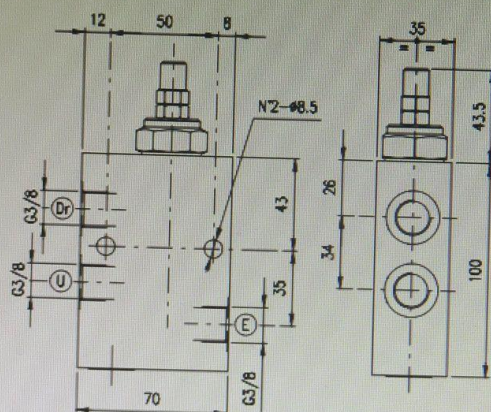
2 Accessories

TYPE	CODE	DESCRIPTION
V	4VL2407100	Handwheel

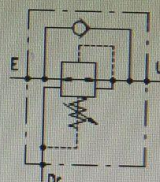
PRESSURE REDUCING VALVES
VRPRL 38



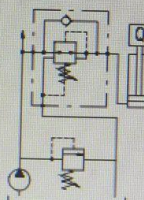
• **DIMENSIONS (mm)**



• **HYDRAULIC DIAGRAM**



• **ASSEMBLY DIAGRAM**



• **DESCRIPTION**

Direct control pressure adjustment valve with relieving and free return.

• **OPERATION**

Allows for free oil flow from E into U. When the pressure value set in U is achieved, the valve will shut the pass between E and U in order to maintain constant pressure in U. Should the pressure in U further exceed the setting value, the pass in E will shut and the connection in U will joint to Dr to relieve eventual pressure peaks. Single acting valve, allows for free oil return from U to E.

• **PERFORMANCE**

Maximum flow: 20 l/min.

Maximum Pressure:

— 210 bar (aluminium valve)

— 350 bar (steel valve)

Application range with standard springs:

— 5 - 50 bar (test setting: 40 bar at 5 l/min.)

— 40 - 110 bar (test setting: 90 bar at 5 l/min.)

— 100 - 200 bar (test setting: 160 bar at 5 l/min.)

To perform setting of the valve see the pressure drop flow diagram.

Oil leak in Dr: 20 cc per minute at 150 bar pressure and oil viscosity 46 cSt.

Working temperature:

— min. -25°C max. 90°C with standard BUNA N gaskets

— min. -20°C max. 120°C with optional VITON gaskets

• **RECOMMENDATIONS:**

Fluid: best use mineral oil with viscosity ranging between 10 and 200 cSt.

Filter: see page Z.9000.000.

Weight: 0.85 kg and 1.73 kg for aluminium and steel valves respectively.

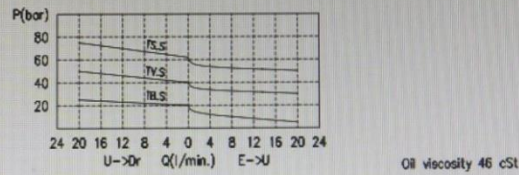
Material: internal components made out of high-grade steel duly treated and fabricated.

For more information please ask our technical office.

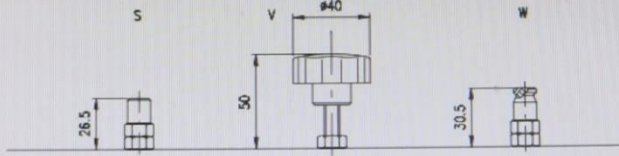
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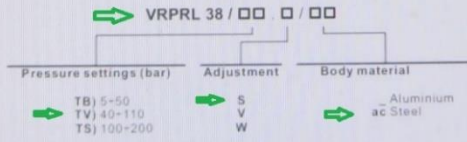
• RATING DIAGRAMS



• ADJUSTMENTS



• CODE NUMBER



2.1010.100

DOSYA NO (FILE NUMBER) : 25-G97

SIRA NO (ITEM NUMBER) : 102

NIIN : 251510030

MALZEME ADI (MATERIAL NAME) : PACKING,PREFORMED

KULLANILDIĞI SİSTEM CİHAZ (SYSTEM ON USED): LOJİSTİK DESTEK GEMİSİ (LOGISTICS SUPPORT SHIP)