

TWIN FLOW 70+53

TWIN FLOW 76+76

99740060010

Per modificare il senso di rotazione della pompa, da rotazione DESTRA IN SINISTRA, O VICEVERSA, è necessario sostituire il corpo posteriore.

50002997403

50002997501

50002997618

50002997609

G 1 1/2"

Ø58 🜟

60400117053

60400117059

60400117673

60400117679

To change the pump rotation, the rear body must be replaced.

Destra / Right

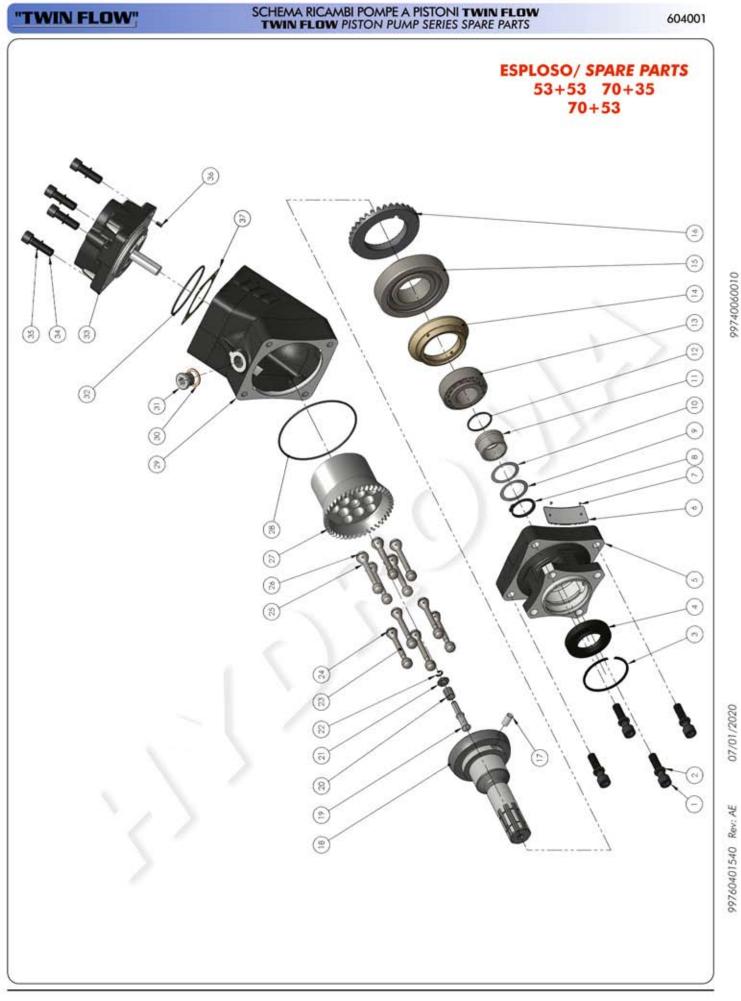
Sinistra / Left

Destra / Right

Sinistra / Left

21,7 kg

21,5 kg



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Description	Socket head capscrew M12x50 UNI 5931	Washer x M12 DIN 7980	Circlip E-SB 72x2	Oil seal HNBR	Front housing	Plate	Plate nail	Retaining ring AS 35x2.5 E.UNI 7436	Washer 45X35X0.1	Washer 45X35X0.2	Bushing Øi 35	O-Ring 3137 HNBR	Tapered roller bearing 35x72x28 EUR 33207	Bearing spacer ring	lapered roller bearing 33x113x34 EUK, 1/FC033	Pin UNI 6364-A Ø8x20		Shaft		Shaft guide pin	Spring auide ring	Retaining ring RS & DIN6799		Piston		Contrast strate	shuude	the second s	Piston		Spring rings		Piston barrel assembly	OR M 1240-25 HNBR	Int. housing	Copper washer 1/2"	Blank plug 1/2" DIN 908	OR M 850-25 HNBR			Rear cover assembly			Socket head capscrew M12x45 UNI 5931	Washer x M12 DIN 7980	Pin Ø 5X10 UNI 6873	
	Vite TCE M 12x50 UNI 5931	Rosetta elastica x M12 DIN 7980	Anello elastico E-SB 72x2	Paraolio HNBR	Corpo anteriore	Targhetta completa	Chiodino fissaggio targhetta	Anello seeger rinforzato AS 35x2.5 E.UNI 7436	Rondella 45X35X0.1	Rondella 45X35X0.2	Bussola Øi 35	Guarnizione OR 3137 HNBR	Cuscinetto a rulli conici 35x72x28 EUR 33207	Anello distanziale cuscinetti	Cuscinetto a rulli conici 35x115x34 EUK. 1/FC055	Soing UNI 6364-A Ø8x20		Albero		Perno guida molia	Anallo quida molla	Anello seeder RS 6 DIN6799		Pistone sferico		Economication			Pistone sferico		Fasce elastiche		Gruppo cilindri sede pistoni	Guarnizione ORM 1240-25 HNBR	Corpo intermedio	Rondella acciaio/gomma 1/2"	Tappo cieco 1/2" DIN 908	Guarnizione ORM 850-25 HNBR			Gruppo corpo posteriore		5	Vite TCE M 12x45 UNI 5931	Rosetta elastica x M12 DIN 7980	Spina Ø 5X10 UNI 6873	
P. Number	50200500582	50100800063	50100002729	50600024272	51700201047	513	51300000011	50100001355	52900700217	52900700226	51100200200	50600013137	51000200364	53000400271	511000202001C	50100308202	52200500571	52200500599	52200500580	5120050010	54200100171	50101500028	53200500123	53200500258	53200500132	20100200102	50102300037	53200500132	53200500123	50103300037	50102300126	50002916505		50600012425	51700201930	11600910129		50600018525	50002995307 DX (R)	50002995405 SX (L)	5000202100 EV // K	50002977/107 3A [L]	50002997501 SX (L)	50200500573	50100800063	50100480123	5070000283
70+53		•			•	•				•	•	•	•						1																•	•		-	2	<u>9 4</u>	04		•	•	•		•
70+35	•	•	•					•	•		•	•	•		•				•	•					•				•		•		•				•							•	•	•	~
1WIN FLUW 53+53	•			•		•	•		•	•	•	•	•						710							·										•		•	•	•				•	•	•	~
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"TWIN FLOW"

SCHEMA RICAMBI POMPE A PISTONI TWIN FLOW TWIN FLOW PISTON PUMP SERIES SPARE PARTS

604001

A = alternative



		TWIN FLOW 76+	76	
N°	Codice / P. Number	Descriz	ione / Description	Q
1	11500600135	Tappo cieco 1/2" DIN 908	Blank plug 1/2" DIN 908	1
2	11600910129	Rondella acciaio/gomma 1/2"	Copper washer 1/2"	1
3	50100001355	Anello seeger rinforzato AS 35x2.5 E.UNI 7436	Retaining ring AS 35x2.5 E.UNI 7436	1
4	50100002729	Anello elastico E-SB 72x2	Circlip E-SB 72x2	1
5	50100308202	Spina UNI 6364-A Ø8x20	Pin UNI 6364-A Ø8x20	1
6	50600012425	Guarnizione ORM 1240-25 HNBR	OR M 1240-25 HNBR	1
7	50600013137	Guarnizione OR 3137 HNBR	O-Ring 3137 HNBR	1
8	50600024272	Paraolio HNBR	Oil seal HNBR	1
9	51000200364	Cuscinetto a rulli conici 35x72x28 EUR 33207	Tapered roller bearing 35x72x28 EUR 33207	1
10	51000255115	Cuscinetto a rulli conici 55x115x34 EUR. T7FC055	Tapered roller bearing 55x115x34 EUR. T7FC055	1
11	51100200200	Bussola Øi 35	Bushing Øi 35	1
12	51700201047	Corpo anteriore	Front housing	1
13	52200500839	Albero	Shaft	1
14	52501100291	Corona dentata	Crown	1
15	52900700217	Rondella 45X35X0.1	Washer 45X35X0.1	1
16	52900700226	Rondella 45X35X0.2	Washer 45X35X0.2	1
17	52900701449	Rondella speciale	Special washer	1
18	53000400271	Anello distanziale cuscinetti	Bearing spacer ring	1
19	50002997609	Gruppo posteriore BENT AXIS SX. TWINFLOW	LEFT Piston barrel assembly	1
17	50002997618	Gruppo posteriore BENT AXIS DX. TWINFLOW	RIGHT Piston barrel assembly	- 1
20	50102300037	Fasce elastiche	Spring rings	21
21	53200500132	Pistone sferico Ø19	Piston	7
22	50102300046	Fasce elastiche	Spring rings	21
23	53200500310	Pistone sferico Ø15,5	Piston	7
24	50100800063	Rosetta elastica x M12 DIN 7980	Washer x M12 DIN 7980	8
25	50101500028	Anello seeger RS 6 DIN6799	Retaining ring RS 6 DIN6799	1
26	50200500573	Vite TCE M 12x45 UNI 5931	Socket head capscrew M12x45 UNI 5931	4
27	50200500582	Vite TCE M 12x50 UNI 5931	Socket head capscrew M12x50 UNI 5931	4
28	50700000612	Guarnizione corpo	Gasket	1
29	51200500812	Molla di carico corpo cilindri	Spring	1
30	51300000011	Chiodino fissaggio targhetta	Plate nail	2
31	513	Targhetta completa	Plate	1
32	51700201958	Corpo intermedio	Int. housing	1
33	50002916767	Gruppo cilindri sede pistoni	Piston barrel assembly	1
34	54200100171	Anello guida molla	Spring guide ring	1
35	54200100304	Perno guida molla	Shaft guide pin	1

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07/01/2020

99760401540 Rev: AE

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Raccordi validi SOLO per TWINFLOW 76+76 / Fittings suitable for TWINFLOW 76+76 ONLY

Codice Code	D	DE	v	Peso Weigth
Code	mm	mm	mm	Kg
15511200507	50	60-63	59	0,59
15511200516	50	64-67	59	0,6
15511200605	60	68-73	79	0,77
15511200632	63	74-79	79	0,8
15511200767	76	86-91	94	1

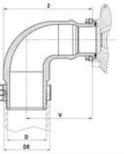
Codice Code	D	D DE		Peso Weigth		
code	mm	mm	mm	Kg		
15511245639	63	74-79	163	1,75		
15511245764	76	86-91	167	2,1		





Codice Code	D	DE	۷	z	Peso Weigth		
code	mm	mm	mm	mm	Kg		
15511290634	63	74-79	103	139	1,9		
15511290769	76	86-91	103	140	2,3		





15511300408

15510000609

15510000654

Kit flangia foro filettato G1-1/2, per montaggio raccordi GOLD. Flange kit G1-1/2 threaded hole, for mounting GOLD fittings.

Peso

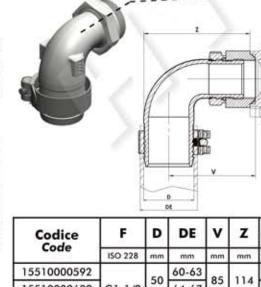
Weigth

Kg

0,99

1

1,06

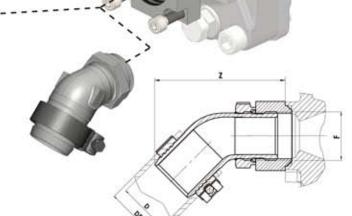


G1-1/2

64-67

88 123

60 68-73

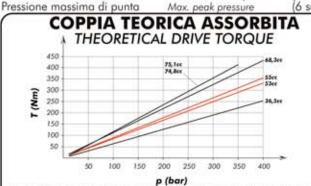


Codice	F	D	DE	z	Peso Weigth
Code	ISO 228	mm	mm	mm	Kg
15509000540		-	60-63	100	0,79
15509000559	G1-1/2	50	64-67	133	0,82
15509000611	1	60	68-73	153	1

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SCHEMA RICAMBI POMPE A PISTONI TWIN FLOW "TWIN FLOW" 604001 TWIN FLOW PISTON PUMP SERIES SPARE PARTS CARATTERISTICHE TECNICHE FUNZIONAMENTO 53 + 5370+35 70 + 5376+76 **TECHNICAL FEATURES** 75.1 Cilindrata A / Displacement (cc/rev) 53 36.5 53 74.8 55 68.3 66.2 Cilindrata B / Displacement (cc/rev) 350 350 300 300 Pressione massima continua / Max. continuous pressure (bar) 400 400 350 350 Pressione massima picco / Max. peak pressure (bar) 2550 2550 Velocità massima a vuoto / Max. speed without load (rpm) 2550 2550 Velocità massima con uscita A e B in press. 1800 1800 1650 1500 Max. speed with load on A and B outputs Velocità massima con 1 porta in press. Max. speed with load on 1 output only (*) 2100 2100 2100 2100 108 98 110 111 Potenza massima continua / Max. continuous power (kW) Potenza massima intermittente / Max. intermittent power (kW) 127 123 114 129

(100%)Pressione massima continua Max. continuous pressure (6 sec.max)

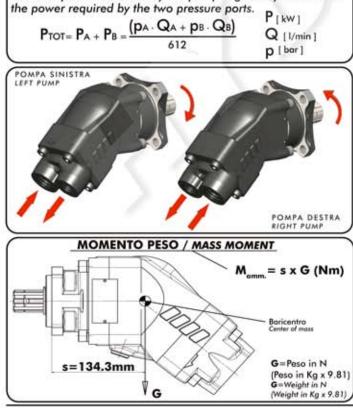


La coppia assorbita dalla pompa deve essere calcolata come somma delle coppie necessarie per mandare in pressione le 2 mandate. The total torque absorbed by the pump is given by the sum of the torques necessary to give pressure to the pressure ports.

POTENZA TEORICA ASSORBITA THEORETICAL POWER INPUT

La potenza totale è pari alla somma delle potenze richieste dai singoli utilizzi sulle 2 mandate.

The total power absorbed by the pump is given by the sum of



(*) Velocità con tubo diam. interno 63mm (2"1/2) minimo. Speed with pipe internal diameter 63mm (2"1/2) minimum.

Pompa 53+53 e 70+35: con tubo diam. interno 50mm (2")

velocità max. 1200rpm. Pump 53+53 and 70+35: with pipe internal diameter 50mm (2") max. speed 1200rpm.

Pompa 70+53: solo con tubo diam. interno 63mm (2"1/2). Pump 70+53: only with pipe internal diamater 63mm (2"1/2).

PORTATA TEORICA / THEORETICAL FLOW 68.3er 12 P5, 241 ini 0 1/1/ 75 1500 2500 500 1000 2000 n (rpm)

La portata della pompa è pari alla somma delle portate delle 2 mandate. The total pump flow is given by the sum of the flow of each pressure port.

Q Portata Flow	Ø intern Min pi	o min. tubo pe diam.	Velocità flusso Flow speed
l/min	mm	inch	(m/s)
30	32	1" 1/4	0,62
40	32	1 1/4	0,83
50	38	1// 1/2	0,74
60	38	1″ 1/2	0,88
70	40	1" 9/16	0,93
80	45	1// 2/4	0,84
90	45	1″ 3/4	0,94
100	50	0"	0,85
110	50	2″	0,93
120	60		0,71
130	60	2" 3/8	0,77
140	60		0,83
160	63		0,86
170	63	2″ 1/2	0,91
180	63		0,96

Kit guarnizioni / Seal Kit 10890353533

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