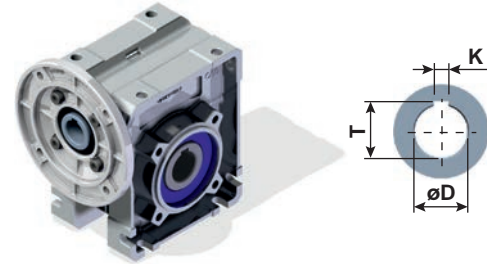


Special stainless steel hollow shaft
Mozzo in acciaio inox speciale



	øD	T	K	Code
Q30	14	16.3	5	MI014
Q45	18	20.8	6	MI018
Q50	25	28.3	8	MI025
Q63	25	28.3	8	MI028
	28	31.3	8	MI028
Q75	30	33.3	8	MI030
Q85	35	38.3	10	MI035
Q11	42	45.3	12	MI042

Suggested/Sugerito

Food, marine, corrosive and highly hygienic environments.

Industria alimentare, marina, ambienti corrosivi ad elevata igienicità.

Special stainless steel hollow shaft NEMA
Mozzo in acciaio inox speciale NEMA

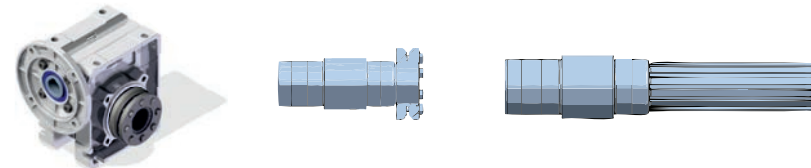
	øD	T	K	Code
Q45	19.05 0.750"	21.3 0.841"	4.76 0.1875"	MIU19
Q50	25.4 1.000"	28.3 1.114"	6.35 0.250"	MIU25
Q63	28.575 1.125"	31.6 1.245"	6.35 0.250"	MIU28
Q85	38.1 1.500"	42.4 1.670"	9.52 0.375"	MIU38

Special hollow shaft
Mozzo speciale

	øD	T	K	Code
Q45	20 19	21.8* 21.8	6	ACR20 S series
Q50	24 24	27.3 27.3	8	S series
Q63	30 28	33.3 31.3	8	ACR30 S series
Q75	28	31.3	8	ACR28
Q85	38	41.3	10	ACR38
Q11	45	48.8	14	ACR45

* Reduced key
* Linguetta ridotta

Many special options are available on request
Altre opzioni speciali disponibili a richiesta



Minimum quantity 10 pieces.

Quantità minima 10 pezzi.

Hydraulic motor flanges
Flange per motore idraulico

OML8
input shaft ø16
code: MY016

	L
Q50	81.5
Q63	90.5
Q85	110
Q11	129.5

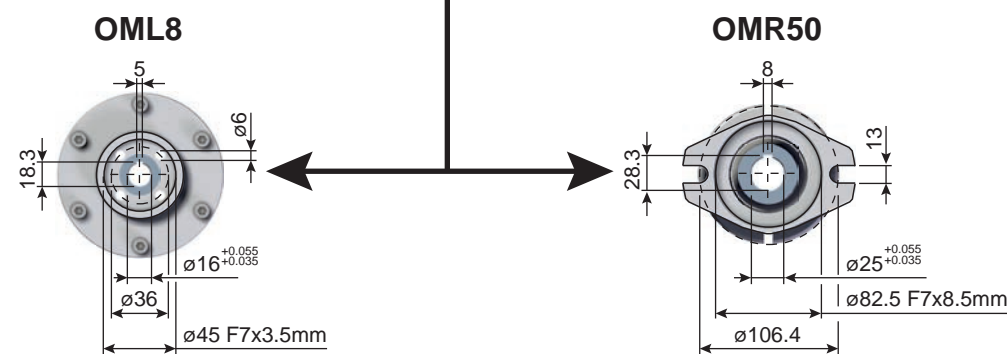
OMR50
input shaft ø25
code: MY025

	L
Q63	129
Q85	148
Q11	167.5

Suggested/Sugerito

Agriculture, mobile, marine.

Agricoltura, machine operatrici, marino



DP - VF MQ - HM0 1 8 - ML

Type Tipo	Size Grandezza	Mounting Montaggio	Ratio Rapporto	Hub Mozzo corona	Output shaft albero lento	Motor size Grandezza motore	Terminal box position Posizione morsetteria	Mounting position Posizione montaggio
P	Q45	FC	10	C	∅	-Q	B	B3
M	Q30 Q45 Q50 Q63 Q75 Q85 Q11 Q13 Q15	FB	See technical data table Vedi tabelle dati tecnici	C	∅	B5	A	B3
P		FC		STANDARD Q30⇒∅14 Q45⇒∅18 Q50⇒∅25 Q63⇒∅25 Q75⇒∅30 Q85⇒∅35 Q11⇒∅42 Q13⇒∅45 Q15⇒∅50	S	-A=56 (∅120) -B=63 (∅140) -C=71 (∅160) -D=80 (∅200) -E=90 (∅200) -F=100±112 (∅250) -G=132 (∅300)	STANDARD	B8
R		FL F1 F2 F3 F4		I	D	B14	C	B6
B		BR		S	X	B14	D	B7
				U	INCH	Without flange Senza flangia		V5
						-M		V6
						Type R / Tipo R		
						-0		

Special series
Serie speciale

S
Q45⇒∅19
Q50⇒∅24

X
Stainless steel hub
Mozzo in acciaio inox

U
INCH

Q45⇒∅0.750"
Q50⇒∅1.000"
Q63⇒∅1.125"
Q85⇒∅1.500"

Square - Gears



0.06 ÷ 15 kW

Squared worm gearboxes Made in Italy



Via della tecnica, 19 - 36050 Sovizzo (VI) Tel.: +39 0444 551911 - Fax: +39 0444 536139
e-mail: hydromec@hydromec.com - PEC: posta@pec.hydromec.com

Also available with special options

HYDROMEC

Motor flange holes position Posizione fori flangia motore	Available motor flanges Flange motore disponibili										Supplied with Reduction Bushing Fornito con Bussola di Riduzione										Available on Request without reduction bushing Disponibile a Richiesta senza Bussola di Riduzione										Motor flange holes position Posizione fori flangia motore									
	n ₂ [min ⁻¹]	i	P _{1M} [kW]	M _{2M} [Nm]	f.s	P _{1R} [kW]	M _{2R} [Nm]	56 B5	63 B5	71 B5	80 B5	90 B5	100/112 B5	132 B5	56 B14	63 B14	71 B14	80 B14	90 B14	100/112 B14	132 B14	Dynamic efficiency RD	Tooth module [mm]																	
Q30	280	5	0.18	5	3.3	0.60	17	B						B								82	1.26																	
	200	7	0.18	7	2.4	0.44	17	B						B-C								80	1.44																	
	140	10	0.18	10	1.8	0.32	17	B						B-C								78	1.44																	
	93	15	0.18	13	1.4	0.25	19	B						B-C								73	1.44																	
	70	20	0.18	17	1.1	0.20	19	B						B-C								70	1.09																	
	47	30	0.12	15	1.4	0.17	21	B						B-C								62	1.44																	
	35	40	0.12	19	1.1	0.13	20	B						B-C								57	1.09																	
	23	61	0.09	19	1.1	0.10	20	B						B-C								50	0.72																	
	17.5	80	0.09	16	1.0	0.06	16	B						B-C								48	0.56																	
	Q45	200	7	0.37	14	2.2	0.80	30		B					B-C	B-C							80	2.2																
140		10	0.37	20	1.5	0.57	30		B					B-C	B-C							79	2.2																	
100		14	0.37	27	1.1	0.41	30		B					B-C	B-C							77	2.4																	
67		21	0.37	36	1.2	0.43	41		B					B-C	B-C							67	1.6																	
50		28	0.25	31	1.3	0.33	41		B					B-C	B-C							65	2.5																	
38		37	0.25	40	1.0	0.26	41		B					B-C	B-C							63	1.8																	
30		46	0.25	46	0.9	0.22	41		B					B-C	B-C							59	1.5																	
23		60	0.18	41	1.0	0.18	41		B					B-C	B-C							56	1.2																	
20		70	0.12	31	1.0	0.12	30		B					B-C	B-C							54	1.0																	
13.7		102	0.09	31	1.0	0.09	29		B					B-C	B-C							49	0.72																	
Q50	200	7	0.75	29	1.9	1.5	57		B	B				B-C	B-C	B						82	2.5																	
	140	10	0.75	41	1.5	1.1	62		B	B				B-C	B-C	B						80	2.4																	
	100	14	0.75	57	1.2	0.90	68		B	B				B-C	B-C	B						79	2.6																	
	78	18	0.55	51	1.2	0.67	62		B	B	B			B-C	B-C	B						75	2.0																	
	54	26	0.55	67	1.0	0.54	66		B	B	B			B-C	B-C	B						69	2.7																	
	47	30	0.55	79	0.9	0.50	72		B	B	B			B-C	B-C	B						70	2.5																	
	39	36	0.37	63	1.2	0.43	72		B	B	B			B-C	B-C	B						69	2.1																	
	33	43	0.37	72	1.0	0.35	68		B	B	B			B-C	B-C	B						66	1.8																	
	28	50	0.25	53	1.2	0.31	66		B	B	B			B-C	B-C	B						62	1.5																	
	23	60	0.25	59	1.0	0.26	62		B	B	B			B-C	B-C	B						58	1.3																	
Q63	200	7	1.8	71	1.8	3.2	125																																	
	140	10	1.8	99	1.4	2.4	134																																	
	93	15	1.5	121	1.1	1.7	138																																	
	74	19	1.1	111	1.2	1.4	138																																	
	58	24	1.1	135	1.0	1.2	142																																	
	47	30	1.1	167	0.9	0.96	146																																	
	39	36	0.75	125	1.2	0.88	147																																	
	31	45	0.55	111	1.2	0.67	135																																	
	21	67	0.55	151	0.8	0.45	124																																	
	17.5	80	0.37	115	1.0	0.38	119																																	
Q75	200	7	4	172	1.1	4.4	190																																	
	140	10	4	240	1.0	3.8	230																																	
	93	15	3	261	1.0	2.9	250																																	
	70	20	2.2	249	1.0	2.2	250																																	
	56	25	1.5	205	1.2	1.8	250																																	
	45	31	1.5	244	1.1	1.7	270																																	
	35	40	1.5	295	0.9	1.3	255																																	
	28	50	0.75	174	1.3	0.95	220																																	
	23	60	0.75	202	1.0	0.75	200																																	
	17.5	80	0.55	177	1.0	0.56	180																																	
Q85	200	7	4.0	168	1.5	6.1	257																																	
	140	10	4.0	218	1.3	5.2	284																																	
	100	14	3.0	223	1.4	4.1	305																																	
	70	20	2.2	237	1.2	2.7	294																																	
	64	22	2.2	258	1.1	2.5	294																																	
	50	28	2.2	315	1.1	2.4	347																																	
	37	38	1.5	276	1.2	1.8	336																																	
	30	46	1.5	320	1.0	1.5	326																																	
	27	52	1.1	258	1.1	1.2	289																																	
	21	67	1.1	327	0.9	0.97	289																																	

Motor flange holes position Posizione fori flangia motore	Available motor flanges Flange motore disponibili										Supplied with Reduction Bushing Fornito con Bussola di Riduzione										Available on Request without reduction bushing Disponibile a Richiesta senza Bussola di Riduzione										Motor flange holes position Posizione fori flangia motore									
	n ₂ [min ⁻¹]	i	P _{1M} [kW]	M _{2M} [Nm]	f.s	P _{1R} [kW]	M _{2R} [Nm]	56 B5	63 B5	71 B5	80 B5	90 B5	100/112 B5	132 B5	56 B14	63 B14	71 B14	80 B14	90 B14	100/112 B14	132 B14	Dynamic efficiency RD	Tooth module [mm]																	
Q63	200	7	1.8	71	1.8	3.2	125																																	
	140	10	1.8	99	1.4	2.4	134																																	
	93	15	1.5	121	1.1	1.7	138																																	
	74	19	1.1	111	1.2	1.4	138																																	
	58	24	1.1	135	1.0	1.2	142																																	
	47	30	1.1	167	0.9	0.96	146																																	
	39	36	0.75	125	1.2	0.88	147																																	
	31	45	0.55	111	1.2	0.67	135																																	
	21	67	0.55	151	0.8	0.45	124																																	
	17.5	80	0.37	115	1.0	0.38	119																																	
Q75	200	7	4	172	1.1	4.4	190																																	
	140	10	4	240	1.0	3.8	230																																	
	93	15	3	261	1.0	2.9	250																																	
	70	20	2.2	249	1.0	2.2	250																																	
	56	25	1.5	205	1.2	1.8	250																																	
	45	31	1.5	244	1.1	1.7	270																																	
	35	40	1.5	295	0.9	1.3	255																																	
	28	50	0.75	174	1.3	0.95	220																																	
	23	60	0.75	202	1.0	0.75	200																																	
	17.5	80	0.55	177	1.0	0.56	180																																	
Q85	200	7	4.0	168	1.5	6.1	257																																	
	140	10	4.0	218	1.3	5.2	284																																	
	100	14	3.0	223	1.4	4.1	305																																	
	70	20	2.2	237	1.2	2.7	294																																	
	64	22	2.2	258	1.1	2.5	294																																	
	50	28	2.2	315	1.1	2.4	347																																	
	37	38	1.5	276	1.2	1.8	336																																	
	30	46	1.5	320	1.0	1.5	326																																	